

A multi-pronged approach targeting SARS-CoV-2 proteins using ultra-large virtual screening

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Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), previously known as 2019 novel coronavirus (2019-nCoV), has spread rapidly across the globe, creating an unparalleled global health burden and spurring a deepening economic crisis. As of July 7th, 2020, almost seven months into the outbreak, there are no approved vaccines and few treatments available. Developing drugs that target multiple points in the viral life cycle could serve as a strategy to tackle the current as well as future coronavirus pandemics. Here we leverage the power of our recently developed *in silico* screening platform, VirtualFlow, to identify inhibitors that target SARS-CoV-2. VirtualFlow is able to efficiently harness the power of computing clusters and cloud-based computing platforms to carry out ultra-large scale virtual screens. In this unprecedented structure-based multi-target virtual screening campaign, we have used VirtualFlow to screen an average of ~1 billion molecules against each of 40 different target sites on 17 different potential viral and host targets in the cloud. In addition to targeting the active sites of viral enzymes, we also target critical auxiliary sites such as functionally important protein-protein interaction interfaces. This multi-target approach not only increases the likelihood of finding a potent inhibitor, but could also help identify a collection of anti-coronavirus drugs that would retain efficacy in the face of viral mutation. Drugs belonging to different regimen classes could be combined to develop possible combination therapies, and top hits that bind at highly conserved sites would be potential candidates for further development as coronavirus drugs. Here, we present the top 200 *in silico* hits for each target site. While in-house experimental validation of some of these compounds is currently underway, we want to make this array of potential inhibitor candidates available to researchers worldwide in consideration of the pressing need for fast-tracked drug development.

tacoronavirus related to severe acute respiratory syndrome CoV (SARS-CoV), SARS-CoV-2 commonly causes fever, cough, myalgia, and/or fatigue (8, 9). While even half a year later, our clinical knowledge is still developing, in addition to asymptomatic and mild cases, dyspnoea, lymphopenia, and anosmia, with or without dysgeusia, have also been reported as clinical features (8, 10–12), and complications can include acute respiratory distress syndrome (ARDS), acute cardiac injury, and secondary infections (8). As of July 8th, 2020, over half a million deaths have been attributed to coronavirus disease 2019 (COVID-19) (5, 6), and the rapid expansion in case number in combination with severe symptoms requiring hospitalization has resulted in unprecedented strain on the global healthcare system.

Coronaviridae is comprised of a family of large positive-sense, single-stranded RNA viruses that derive their name from the 'corona' that fringes the virions in electron micrographs (14, 15). Coronavirus virions are composed of a lipid envelope, decorated with spike (S) protein, which facilitates entry and causes their corona-like appearance (16). Envelope (E) protein, which contributes to virion assembly and viral pathogenesis, as well as membrane (M) protein, which also facilitates virion assembly, are also both embedded in this bilayer (16), and the viral genome, in close association with nucleoprotein (N), is encapsulated within.

To initiate entry, the receptor binding domain of S must engage with its receptor on the surface of its target cell, and several studies have already identified the SARS-CoV recep-

Small-molecule inhibitors | SARS-CoV-2 | COVID-19 | coronavirus | *in silico* screening | drug discovery | structure-based virtual screening

Introduction

At the end of 2019, cases of pneumonia with an initially unknown etiology were identified in Wuhan City, in the Hubei Province of China (1–3). The cause was determined to be a novel coronavirus (CoV) (4), and by early July, 2020, there were over 12 million confirmed cases worldwide (5, 6) of what is now designated SARS-CoV-2 (7). A lineage B *Be-*

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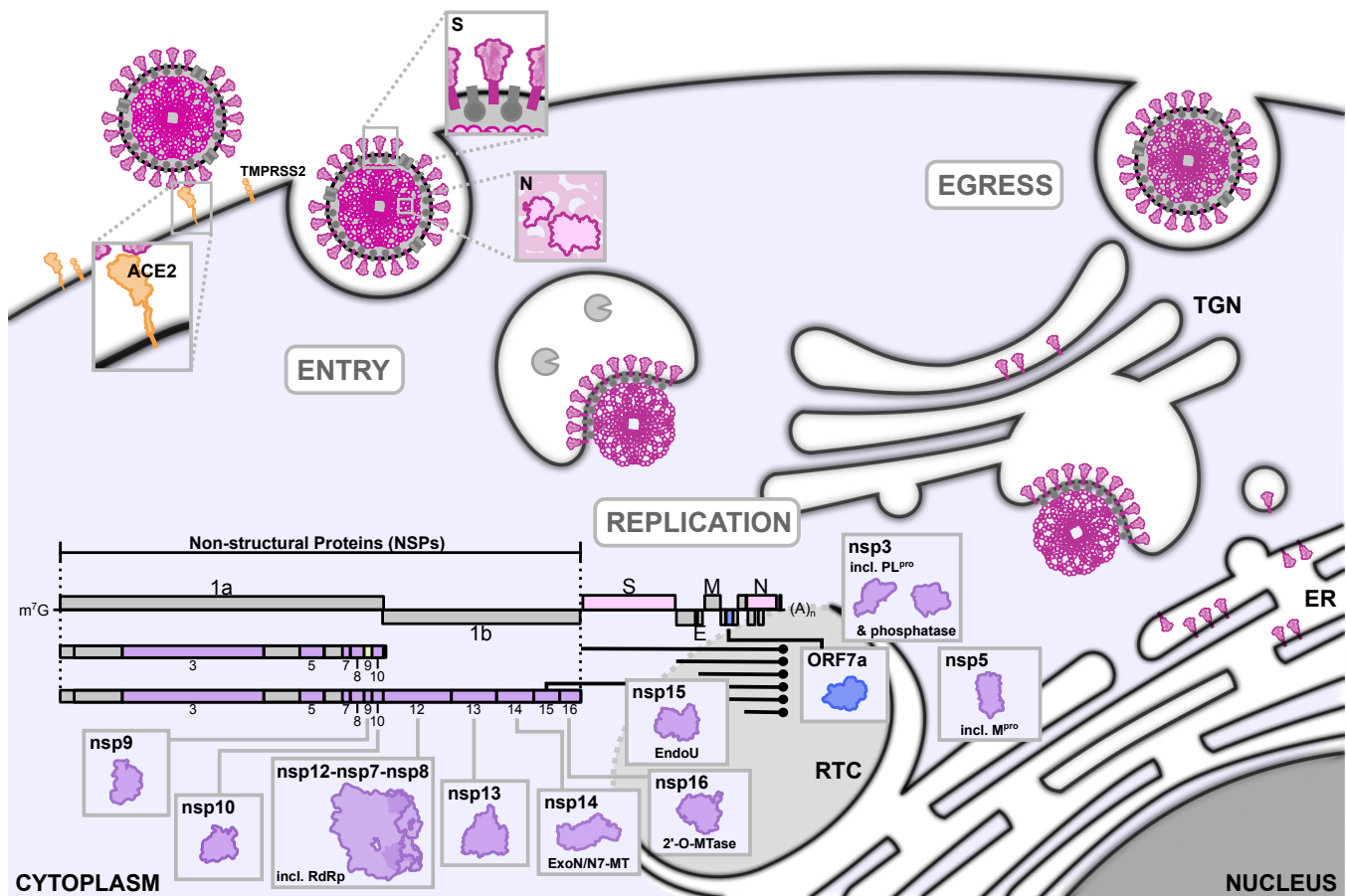


Fig. 1. A schematic of the viral lifecycle of SARS-CoV-2. The genome organization is based on other coronaviruses and published predictions (2, 13). ACE2: angiotensin-converting enzyme 2; TMPRSS2: transmembrane protease, serine 2; RdRp: RNA-dependent RNA polymerase; ExoN: exonuclease; N7-MT N7-methyl transferase; 2'-O-MTase: 2'-O-methyl transferase; EndoU: uridylyate-specific endonuclease; RTC: replication and transcription complex; ER: endoplasmic reticulum; TGN: trans-Golgi network

tor, angiotensin-converting enzyme 2 (ACE2), as a possible receptor for SARS-CoV-2 (1, 17, 18). While engagement with the receptor initiates conformational rearrangements in S, the spike protein must also be cleaved at its S2' site as part of the entry process. Unlike the S1/S2 cleavage event, which can occur at any point from viral assembly to entry, S2' cleavage likely only occurs during entry, and involves host proteases at the cell surface, such as transmembrane protease, serine 2 (TMPRSS2), or in endosomes, such as cathepsins (19). Further conformational rearrangements in S result in membrane fusion, allowing release of the nucleocapsid into the cytoplasm.

As the genome is positive-sense, replication starts with the expression of ORF1a and ORF1b. The resulting polyproteins (pp1a and pp1ab) are further processed into sixteen non-structural proteins (nsp1-16; see Fig. 1) that form, in conjunction with host proteins, membrane-associated replication and transcription complexes (RTCs) (13). The genome is replicated via an intermediate negative-sense copy of the genome and both structural and accessory proteins are expressed from 3'-co-terminal sub-genomic RNAs (20). Assembly occurs on membranes between the endoplasmic reticulum and the trans-Golgi Network, with the virions budding into vesicular compartments that then fuse with the plasma membrane, releasing their cargo (20) (see Fig. 1).

While low-pathogenicity human coronaviruses such as HCoV-229E, HCoV-OC43, HCoV-NL63, and HCoV-HKU1 (21) continually circulate and generally cause mild disease, the emergence of SARS-CoV (22–25) in 2002 and Middle East respiratory syndrome CoV (MERS-CoV) (26–28) in 2012 as the result of zoonotic jumps into the human population (29) demonstrated that coronaviruses could cause serious morbidity and mortality. Their importance made them the subject of extensive research and attractive therapeutic targets. While research is only just beginning on SARS-CoV-2, comparison of the SARS-CoV-2 sequence early in the outbreak to previously identified coronavirus sequences revealed it to be most related to previously isolated bat SARS-like CoVs (1, 2, 30) and comparison to both a bat SARS-like virus (bat SL-CoVZC45) as well as a previous human SARS-CoV isolate (SARS-CoV Tor2) predicted that SARS-CoV-2 likely has a similar genomic organization and expresses similar proteins (2) (see Fig. 1). The assignment to the *Betacoronavirus* genus and in particular the similarity to SARS-CoV, allows us to also draw on a field of already published work to infer promising targets within the SARS-CoV-2 life cycle for small molecule intervention.

Therapeutics against viruses generally fall into two broad categories: i) vaccines, which prime the host immune system to mount a targeted defense against infection by the virus,

Protein index	Protein name	Alternative names	Screen ID	Target site	Structure used
1	ACE2	Angiotensin-converting enzyme 2	1	Spike RDB binding region – site 1	6m17
			2	Spike RDB binding region – site 1	6m18
			3	Spike RDB binding region – site 2	6m17
			4	Dynamic pocket 1 besides spike RDB binding region	DE Shaw MD simulation 10875754 frame 2715
			5	Dynamic pocket 2 besides spike RDB binding region	DE Shaw MD simulation 10875754 frame 5273
2	TMPRSS2	Transmembrane protease serine 2	6	Active site	Swissmodel of TMPRSS2 – Model 1
			7	Spike RDB – ACE2 interface	6w41
3	Spike	S-protein, S	8	Spike HR1 domain	6lxt
4	ORF7a	Protein 7a	9	Blind docking	6w37
5	nsp3-macrodomein	Phosphatase, (macro) X domain	10	Active site	6w6y chain A (closed active site)
			11	Active site	6w6y chain B (open active site)
6	nsp3-PL ^{pro}	PL ^{pro} , PLP, papain-like protease	12	Active site	6w9c
			13	Accessory pocket	6w9c
			14	DUB binding site	6w9c
			15	Active site and accessory pocket	6wx4*
			16	Active site	6lu7
7	nsp5	M ^{pro} , main protease	17	Active site	M ^{pro} -11*
			18	Dimerization site	6wqf
			19	α -helix 5 attachment site	hybrid in-house model
			20	Blind docking (nsp8 PPI, nsp12 PPI)	6wiq
8	nsp7	Replicase polyprotein 1ab	21	nsp7 PPI	6wiq
			22	nsp12 PPI	7bv1
9	nsp8	Primase complex	23	Dimerization interface – site 1	6w4b
			24	Dimerization interface – site 2	6w4b
10	nsp9	Replicase	25	nsp16 PPI	6w4h
			26	nsp16 PPI	Swissmodel of nsp10/14 - Model 3
11	nsp10		27	nsp14 PPI	Swissmodel of nsp10/14 - Model 3
			28	RNA binding interface – site 1	7bv1
			29	RNA binding interface – site 2	7bv1
			30	Nucleotide binding site	7bv1
			31	nsp8 PPI	6m71
12	nsp12	RNA dependent RNA-Polymerase (RdRP)	32	nsp7/8 PPI	7BV1
			33	Active site	Swissmodel nsp13 – Model 1
			34	RNA binding interface – site 1	Swissmodel nsp13 – Model 1
			35	RNA binding interface – site 2	Swissmodel nsp13 – Model 1
13	nsp13	Helicase	36	nsp10 PPI	Swissmodel of nsp10/14 - Model 3
			37	Active site (ExoN)	Swissmodel of nsp10/14 - Model 3
14	nsp14	Exoribonuclease, N7 methyltransferase, N7-MTase	38	Active site (N7-MT)	Swissmodel of nsp10/14 - Model 3
			39	Active site	6w01
15	nsp15	Endoribonuclease, XendoU	40	nsp10 PPI	6w4b
			41	Active site (2'-O MT)	6w4b
16	nsp16	2'-O-MTase, 2'-O methyltransferase	42	NTD – RNA binding site	6yi3
			43	NTD – oligomerization site	6yi3
17	nucleoprotein	N, NC, NP, RNP, ribonucleocapsid protein	44	CTD – dimerization interface	6wji
			45	CTD – oligomerization site	6wji

Table 1. Overview of the virtual screens that were carried out. A total of 45 virtual screens were performed, involving 17 different target proteins and 40 unique target sites. In each screen, approximately 1 billion molecules from the Enamine REAL library, and approximately 10 million compounds from the in-stock library ZINC 15 database were screened.

and ii) other agents with antiviral effects, which include, but are not limited to, small molecule inhibitors, peptides, and biologics. Although effective vaccines have been developed against several viruses, including polio and hepatitis B, there are many viruses for which there is still no vaccine, even after decades of research (31). HIV is the most prominent example of this, but there are also no approved vaccines for any of the human coronaviruses, including SARS-CoV and MERS-CoV.

Other therapeutics with antiviral properties can be broadly divided into two categories: i) drugs that target viral proteins, and ii) drugs that target host proteins, including the viral receptor, cellular proteins essential to the viral life cycle, and components of the immune system. Currently available viral therapeutics include protease inhibitors, reverse transcrip-

tase and polymerase inhibitors (both nucleoside analogues and non-nucleoside inhibitors), integrase inhibitors, and viral entry blockers (Supplementary Fig. 23). Although there are no drugs specifically approved by the FDA for SARS-CoV, MERS-CoV or SARS-CoV-2, there have been a number of efforts to target proteins of the viral machinery, including the proteases, helicase and RNA-dependent RNA polymerase (RdRP). A partial list of these published small molecules is shown in Supplementary Table 2. For instance, Remdesivir, an RdRP inhibitor originally developed for hepatitis C, was previously tested against both SARS-CoV and MERS-CoV. Preliminary studies have suggested that Remdesivir may reduce the time to recovery in SARS-CoV-2 patients; however, this finding needs to be confirmed with larger studies (32).

For every virus, there are targets such as the entry pro-

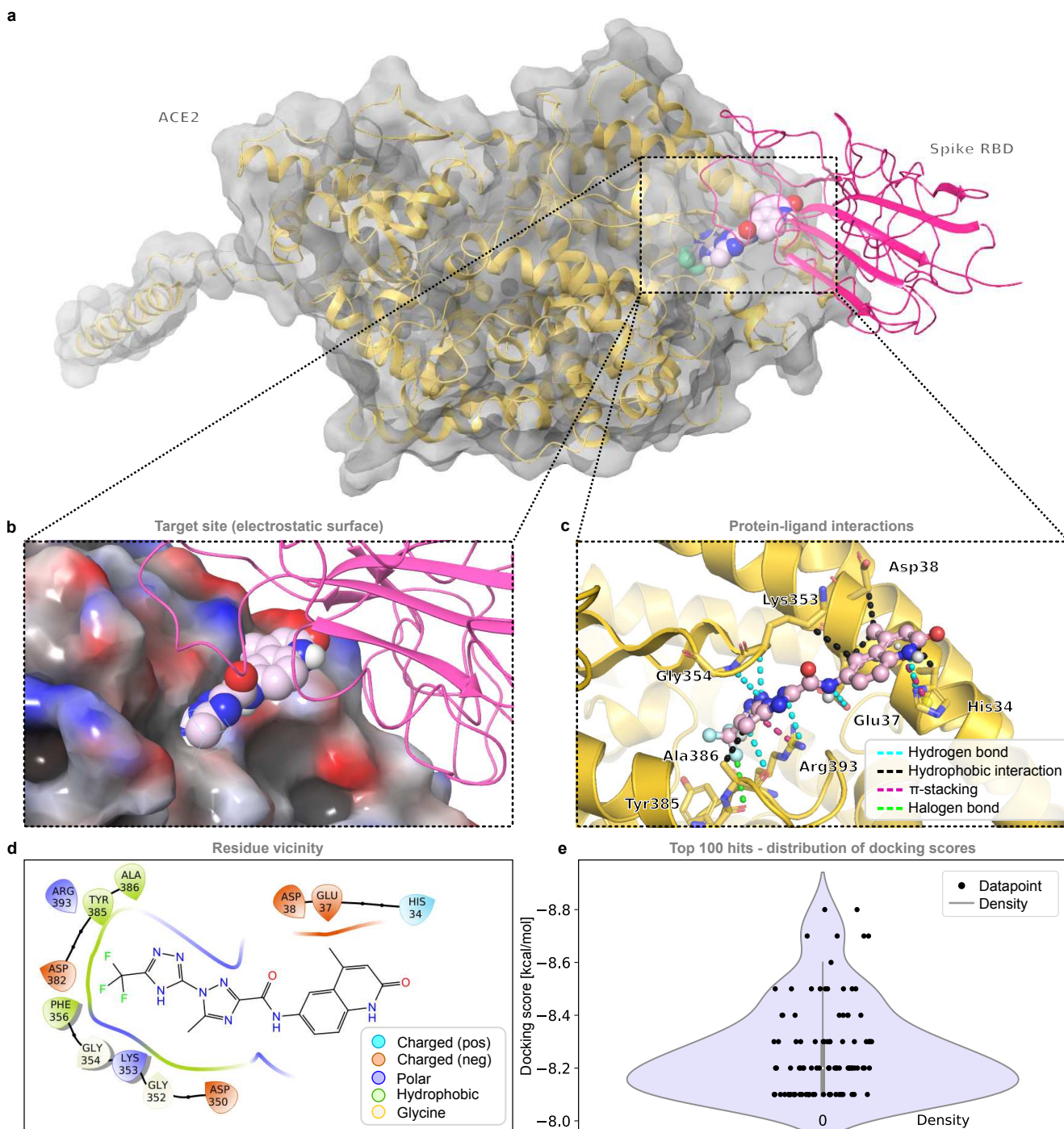


Fig. 2. The ACE2 receptor (open conformation) and an example compound from the top 0.0001% of screened compounds bound at the spike interaction interface (site1). **a**, The target protein ACE2 (gold) in an open conformation bound to the RBD of the spike protein (magenta) and an example compound (light pink) from the virtual screen bound to the spike interaction interface (site 1, around Glu37) (Screen ID: 1). **b**, The electrostatic surface of the target protein (ACE2) bound to the RBD domain of the spike protein (magenta) and an example compound (light pink). **c**, An overview of the interactions between the ligand and the receptor structure. **d**, Receptor residues within 4 Å of the ligand. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

tein or the viral polymerase, which have direct effects on the ability of the virus to replicate, even under ideal conditions for the virus. There are also other targets that, if inhibited, would reduce the severity of the viral infection often referred to as the viral virulence. Some of these targets may only have an effect when inhibitors are evaluated in the context of a whole organism. For example, several viruses paralyze the host immune system by hijacking or sequestering, key sig-

naling proteins, and targeting the viral proteins that mediate this effect would reduce the virulence of the virus. In this study we target an array of SARS-CoV-2 proteins in addition to two human proteins, and we posit that inhibitors, which target proteins that affect the viability and/or the virulence, could synergistically combine for more efficacious combination therapies.

In silico screening methods enable us to identify lead drug

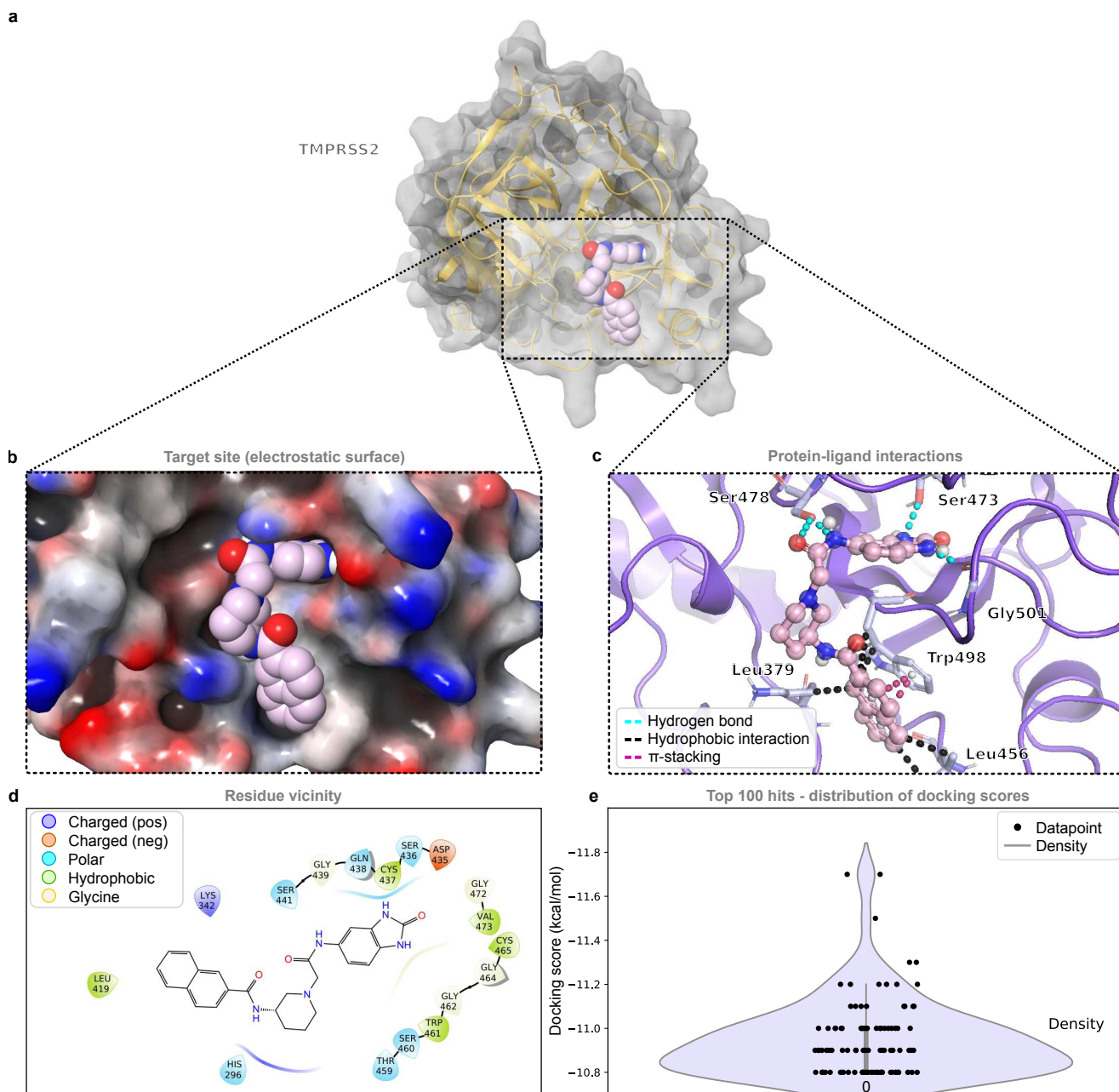


Fig. 3. TMPRSS2 and an example compound from the top 0.0001% of screened compounds bound at the active site of the serine protease domain. **a**, The target protein TMPRSS2 (gold) and an example compound (light pink) from the virtual screen bound at the active site of the serine protease domain (Screen ID: 6). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and protease structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

candidates for SARS-CoV-2 in an expedited manner, fueled by the availability of high-resolution structures of many of the SARS-CoV-2 proteins. Previous work has shown that the number of compounds screened in a structure-based *in silico* screen affects the quality of the resulting hits and the potency of the hits derived increases with the number of compounds screened (33). A flurry of recent papers have demonstrated that by using *in silico* screening to expand the chemical space (screening~100 million compounds), one can identify picomolar-affinity inhibitors (33–35). To become capable of screening billions of molecules in a relatively short period (weeks), we recently developed VirtualFlow, an open

source computational drug discovery platform (36). VirtualFlow, with its linear scaling feature, leverages the power of computing clusters to perform ultra-large scale screens. Here we use the computational power of the Google Cloud Platform (GCP) to identify molecules that could inhibit SARS-CoV-2. We screened over one billion molecules against each of fifteen SARS-CoV-2 proteins and two human proteins, ACE2 and TMPRSS2. For some of the proteins we target multiple functional sites on the protein surface; an approach which provides two distinct advantages: i) the possibility of increasing efficacy using a cocktail approach, and ii) the identification of alternative ways to target the same protein, a ne-

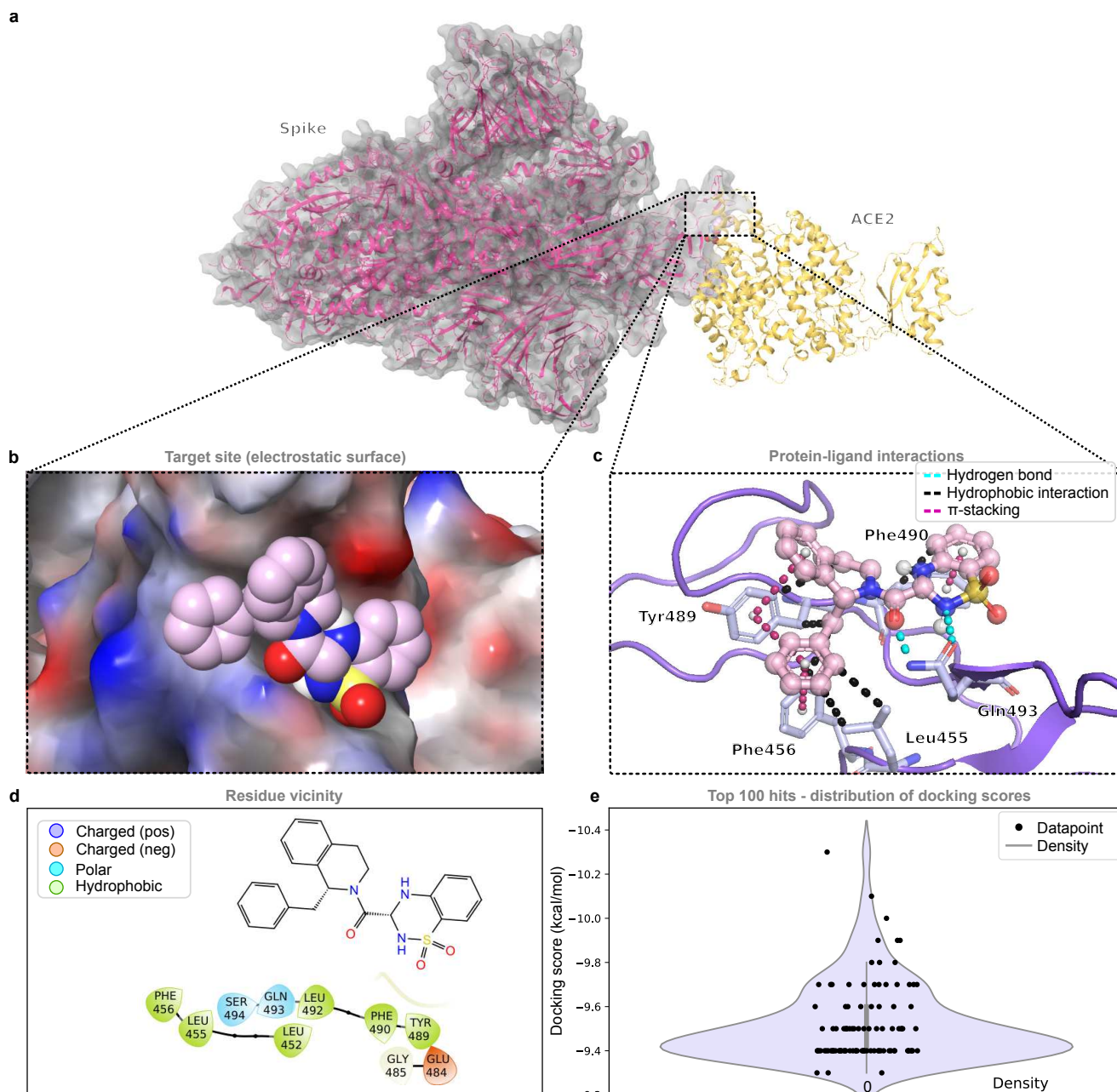


Fig. 4. The RBD of the spike protein and an example compound from the top 0.0001% of screened compounds bound at the ACE2 binding interface. **a**, The targeted spike protein (magenta) and an example compound (light pink) from the virtual screen bound to the ACE2 binding interface (Screen ID: 7). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the receptor structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

cessity when faced with the possibility of resistance mutations. Whenever possible we used recently determined high-resolution structures of SARS-Cov-2 proteins in our screens. A complete list of the target proteins along with the models used can be found in 1.

In the realm of *in silico* screening, the probability of finding a true hit (a hit that is validated experimentally) increases with the number of molecules screened and the accuracy of the chosen structure relative to what exists in solution inside the cell. Small changes in structure or dynamics can be accommodated by flexible docking, but large conformational changes decrease the ability of *in silico* screening methods

to identify potent binders. Large conformational changes can be tackled by ensemble docking methods (molecular dynamics simulations), but the trade-off for these approaches is additional computational time. Targeting protein-protein interactions (PPI) is also challenging for *in silico* screening. Typically in PPIs the off-rate between the two interacting proteins is slow and the interaction interface is large compared to a small molecule inhibitor. Thus targeting PPIs was approached with the rationale that a small molecule engaging the monomer at the hot spot of the PPI interface can prevent complex formation, driven by an excess concentration of the small molecule. In the absence of a solved

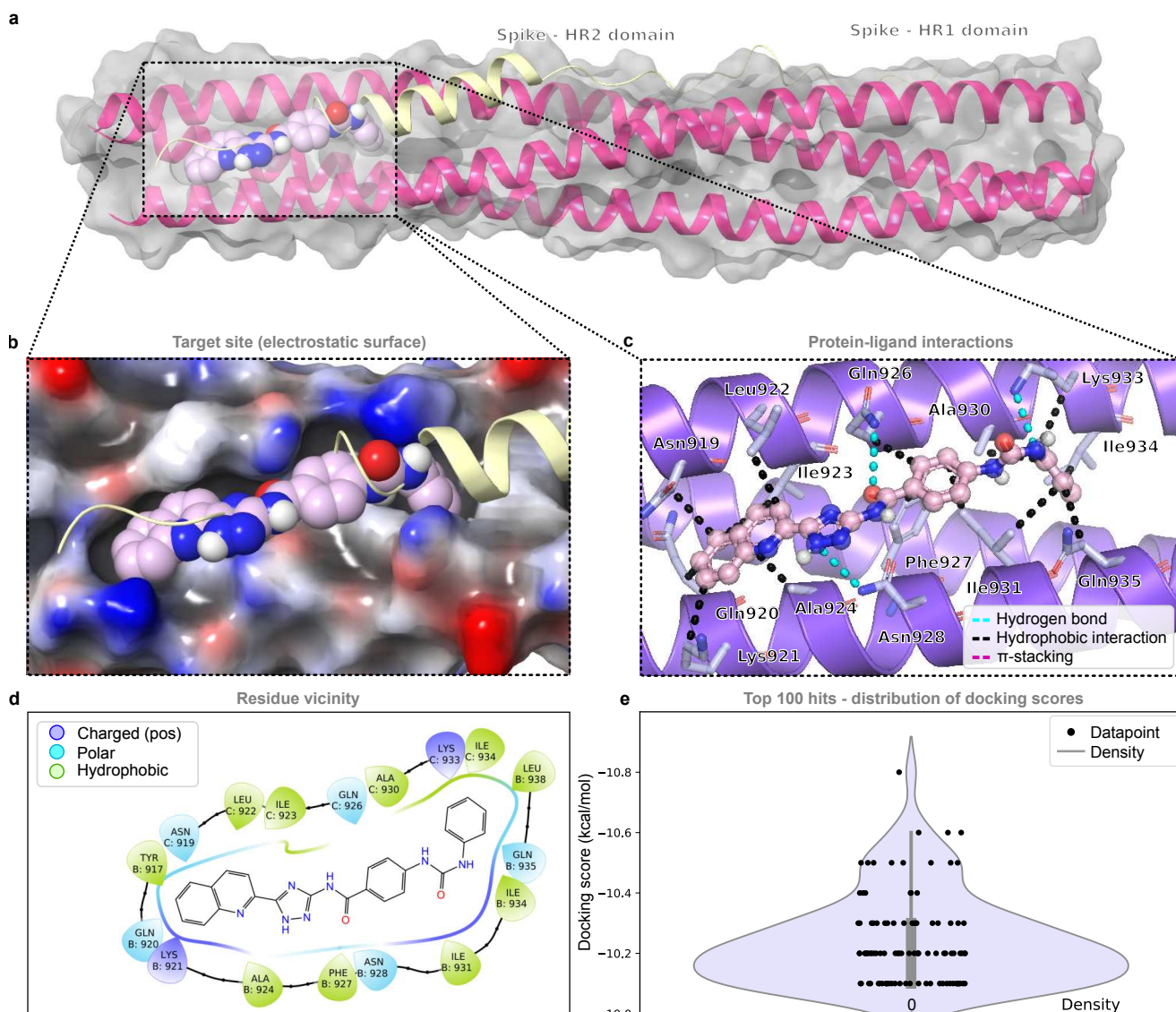


Fig. 5. The HR1 domain and an example compound from the top 0.0001% of screened compounds bound at the interaction interface to the HR2 domain of the spike protein. **a**, The HR1 domain of the targeted spike protein (magenta) and an example compound (light pink) from the virtual screen bound to the HR2 interaction interface. The HR2 domain is shown in light gold (Screen ID: 8). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the HR1 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

dimeric/multimeric structure, we make the assumption that the structure of the monomer is similar to that of the protein in complex, which does not always hold true. For each of the targets that were screened we describe any potential limitations that we anticipate could affect the experimental outcome.

Methods

VirtualFlow was used to screen around 1 billion on-demand (synthesizable) compounds from the Enamine REAL library, and around 10 million in-stock compounds from the ZINC 15 library (37) for each targeted site. Both libraries were previously prepared with 'VirtualFlow for Ligand Preparation' (VFLP) (36). For each virtual screen a single receptor structure was used, and the protein was held rigid. QuickVina W was used to perform a blind docking procedure (38) for

the HR1 domain of spike protein, the RNA binding interface of nucleoprotein, the RNA binding site of nsp12, as well as for nsp7 and ORF7a. For all the other docking routines, we used QuickVina 2 (39). Both docking programs are based on AutoDock Vina (40), and the exhaustiveness parameter was set to 1 during all virtual screens. This setting minimizes the search of the conformational space within the docking box and maximizes the computational efficiency.

To conduct VirtualFlow screens we needed to leverage a significant amount of high performance computing (HPC) time and infrastructure in order to complete multiple virtual screens in parallel. For this purpose we have taken advantage of Slurm (<https://slurm.schedmd.com>), a highly scalable and fault-tolerant workload manager capable of handling multiple jobs in parallel. In addition, the Elasticfile Cloud File Storage (ECFS) was used, which is a POSIX-compliant and highly scalable NFS file service mounted to

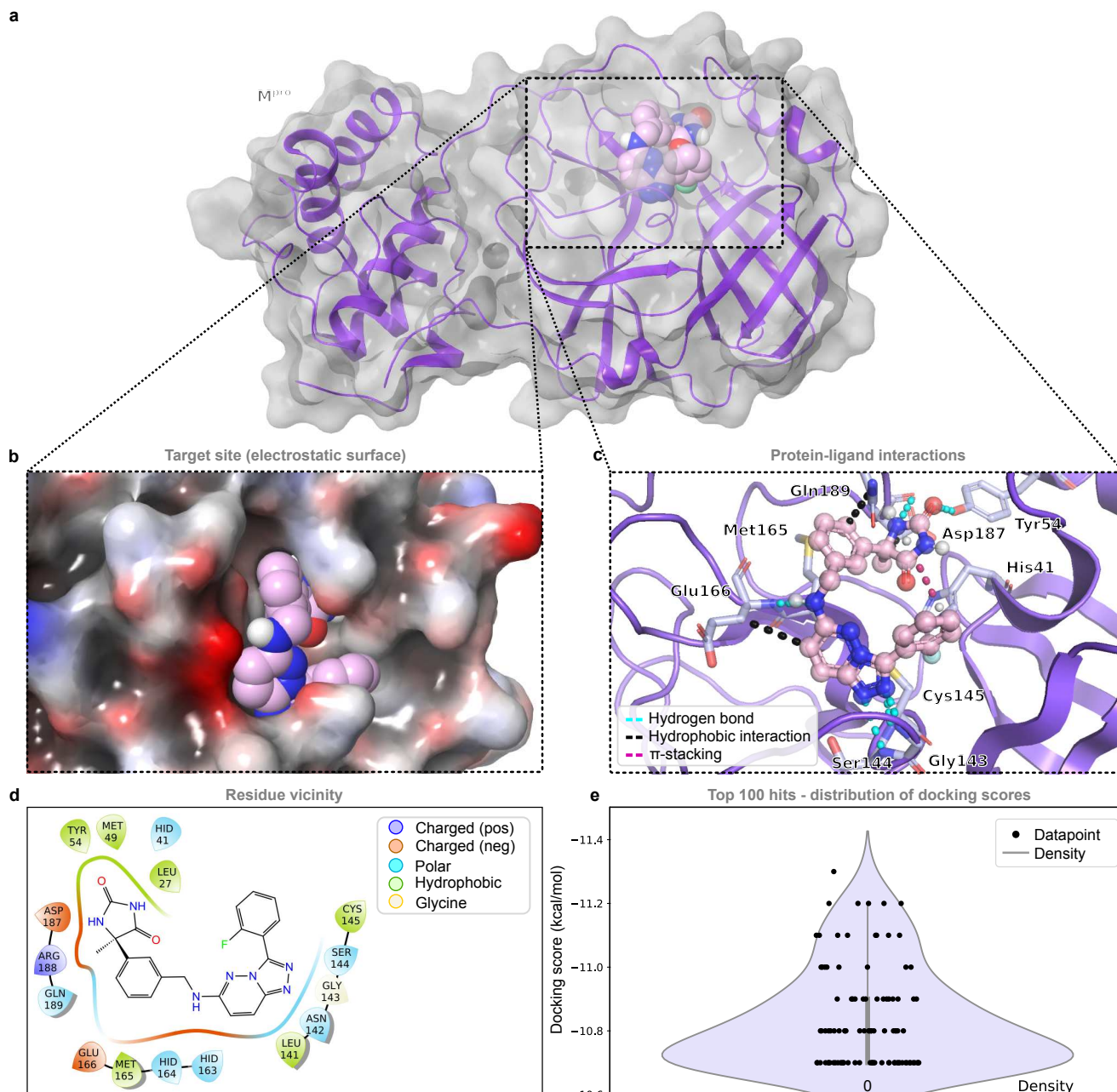


Fig. 6. M^{pro} and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site **a**, M^{pro} (violet) and an example compound (light pink) from the virtual screen bound to the active site. Here, the crystal structure with PBD ID 6lu7 was used (Screen ID: 16). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the protease structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

the Slurm cluster compute nodes. ECFS provides a full suite of cloud-native NAS features (including snapshots and multi-zone accessibility). The Google Cloud Platform (GCP, <https://cloud.google.com>), which combines all of these components, including Google Compute Engine preemptible virtual machines, was used to provide the scale of computation required for the ultra-large virtual screens reported here. Google Cloud Storage was used to durably store the generated data.

We operated within a Google Cloud project that has a single Virtual Private Cloud to provide networking functionality to all the virtual instances. To set up this in-

frastructure we leveraged automated deployment tools like Terraform (<https://www.terraform.io/>) and the Google Cloud Deployment Manager to replicate this architecture across 3 different zones belonging to two different geographic regions. This resulted in three different clusters (Fig. 22) that were used for virtual screens against different targets in parallel. This globally distributed architecture allowed us to run hundreds of thousands of cores in parallel, consuming a total of approximately 100 million CPU hours in a total of about 3 weeks for all the virtual screens reported here. The types of nodes used are listed in Table 1.

The virtual hits resulting from these screens were filtered

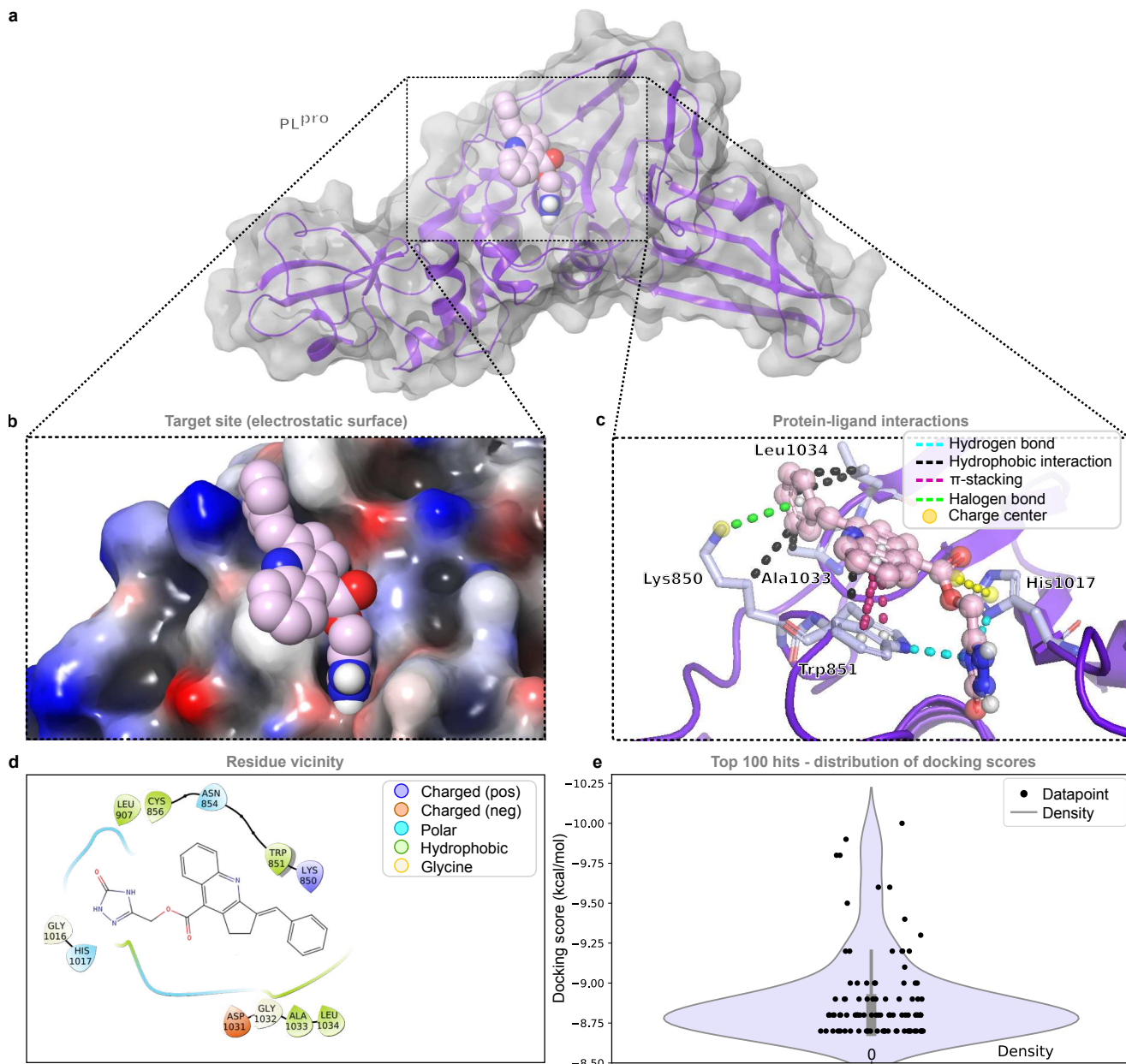


Fig. 7. PL^{Pro} and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site. **a**, PL^{Pro} (violet) and an example compound (light pink) from the virtual screen bound to the active site (Screen ID: 12). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the protease structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

to remove compounds that have reactive functional groups, a molecular weight greater than 600 daltons, a cLogP greater than 6, or more than 10 hydrogen bond acceptors. A smaller number of non-druglike molecules from the ZINC library were also removed after visual inspection. The top 200 hits for each target site, after the filtering process, are included in the supplementary section. In addition, for each target site, we showcase one of the top hits in the manuscript. This hit was chosen based on consideration of a number of parameters including, but not limited to, docking score, 'drug-likeness' (which includes criteria such as Lipinski's rule of five, and the tendency to aggregate as estimated by a fraction of sp³-hybridized carbon atoms between 0.25 and 1), and

the presence of PAINS (pan-assay interference compounds) or other potentially toxic moieties. The desire to highlight plausible small molecule-protein interactions that can be accommodated by the docking site was also taken into account when choosing the hit to be depicted. Due to these filtering criteria, it is therefore important to note that although the example hit molecule displayed in each figure is one of the top hits for the represented screen, it is often not the hit with the highest docking score.

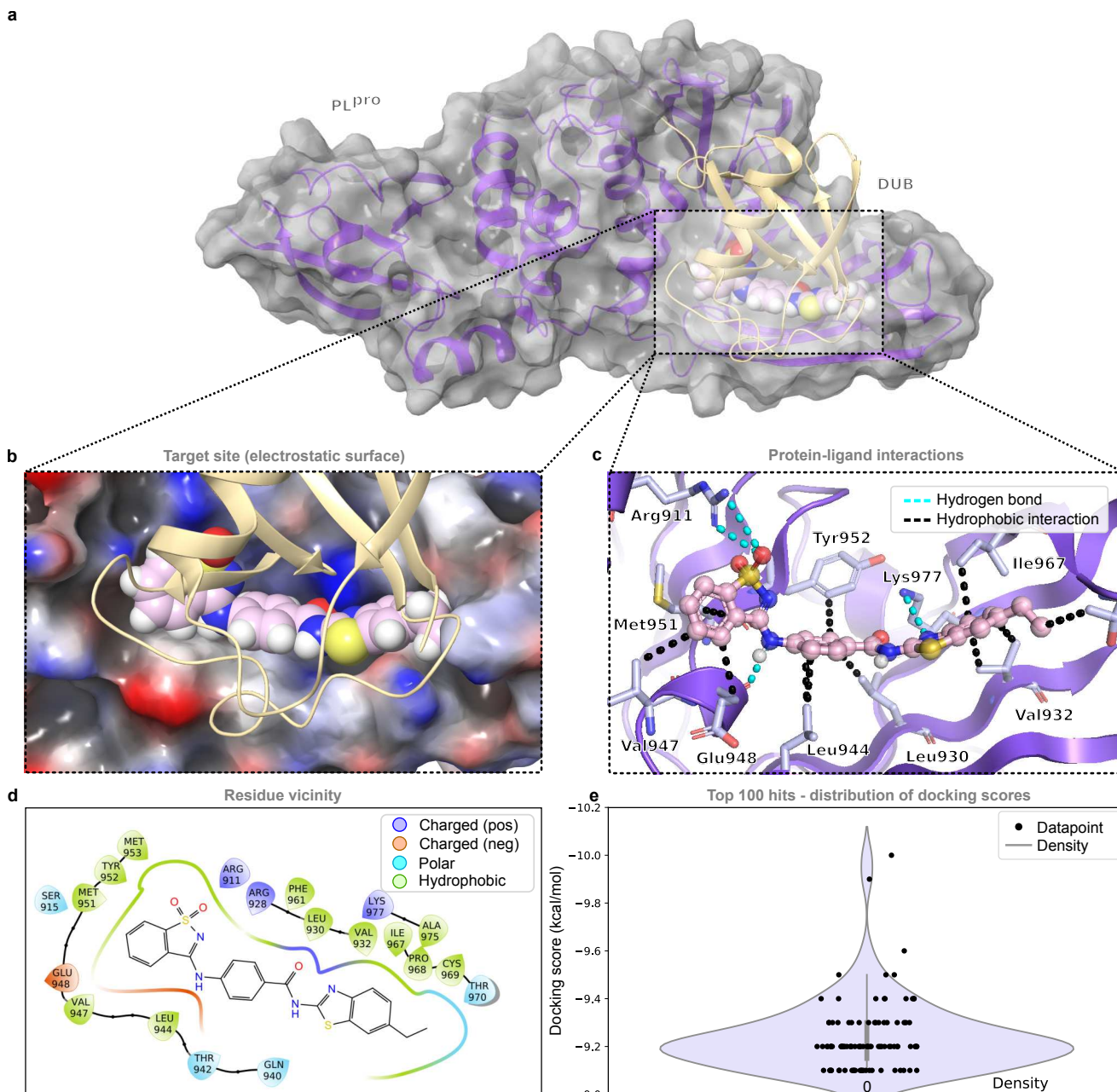


Fig. 8. PL^{pro} and an example compound from the top 0.0001% of screened compounds bound at the DUB binding site. **a**, PL^{pro} (violet) and an example compound (light pink) from the virtual screen bound at the DUB binding site (Screen ID: 14). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the receptor structure. **d**, Receptor residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

Results

Preventing coronavirus entry

The spike protein forms the highly glycosylated trimeric receptor-binding protein that decorates the virion surface and facilitates entry into the host cell through interaction with its receptor ACE2 (41). Binding of the Receptor Binding Domain (RBD) of S to ACE2 induces large conformational changes in the S2 domain. These changes are followed by processing by host proteases such as TMPRSS2 and cathepsins and result in the formation of a stable six-helix bundle by heptad repeats 1 and 2 (HR1 and HR2) culminating in

the fusion of the viral and cellular membranes (8). In order to develop compounds capable of preventing SARS-CoV-2 from entering cells, we focused on the following three targets: a) the interaction interface of the RBD and ACE2, b) the host protease TMPRSS2, and c) the HR2 hydrophobic binding groove of HR1.

ACE2-spike-RBD interaction. Recent studies have revealed molecular details of ACE2 binding with spike-RBD and multiple high-resolution structures of the RBD in complex with ACE2 have been released (PDB: 6M17, 6M0J, 6VW1) (17, 42, 43). As the primary mediator of host cell attachment, the spike trimer is a clear potential target for thera-

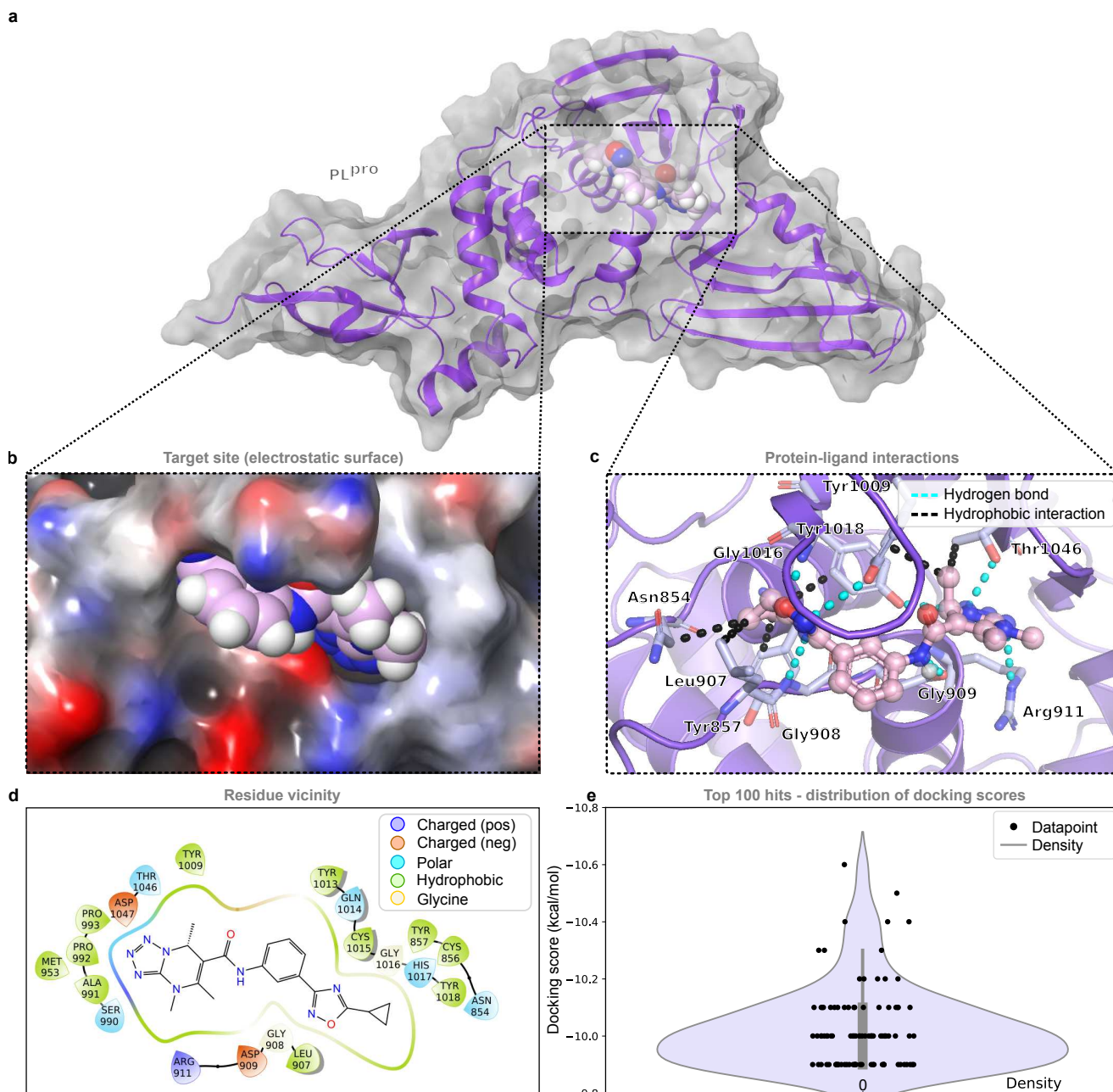


Fig. 9. PL^{Pro} and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site (tunnel region). **a**, PL^{Pro} (violet) and an example compound (light pink) from the virtual screen bound to the active site (tunnel region) (Screen ID: 15). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the protease structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

peutic intervention, and in order to find an effective inhibitor of viral entry into host cells, we target both ACE2 and the RBD of spike in parallel.

Targeting the spike protein interaction interface on ACE2.

The primary physiological function of the receptor, ACE2, is the maturation of angiotensin, a signalling peptide with cardiovascular regulatory effects (44), making any targeting of the catalytic site of ACE2 unfavourable. Fortunately, the structure of the complex shows that the peptidase (PD) domain of ACE2 has two distinct lobes that are essential for substrate engagement, and while the RBD-ACE2 binding interface includes one of these lobes, it does not obstruct the

PD active site (17, 42) (Fig. 2, Supplementary Figs. 1, 2, 3, 4). This suggests that targeting the RBD interaction interface should not inhibit ACE2 functionality and therefore not affect angiotensin homeostasis. In fact, previous biochemical studies with SARS-CoV have shown that the ACE2 inhibitor MLN-4760, which favors the closed state, does not interfere with S protein binding and vice versa, also arguing for independence of ACE2 function and spike binding (45). We have targeted four different sites on the ACE2 surface. Two of them are located on the spike interaction interface, and would directly disrupt the ACE2-spike interaction (Fig. 2, Supplementary Figs. 1, 2). For the first of these two sites (cen-

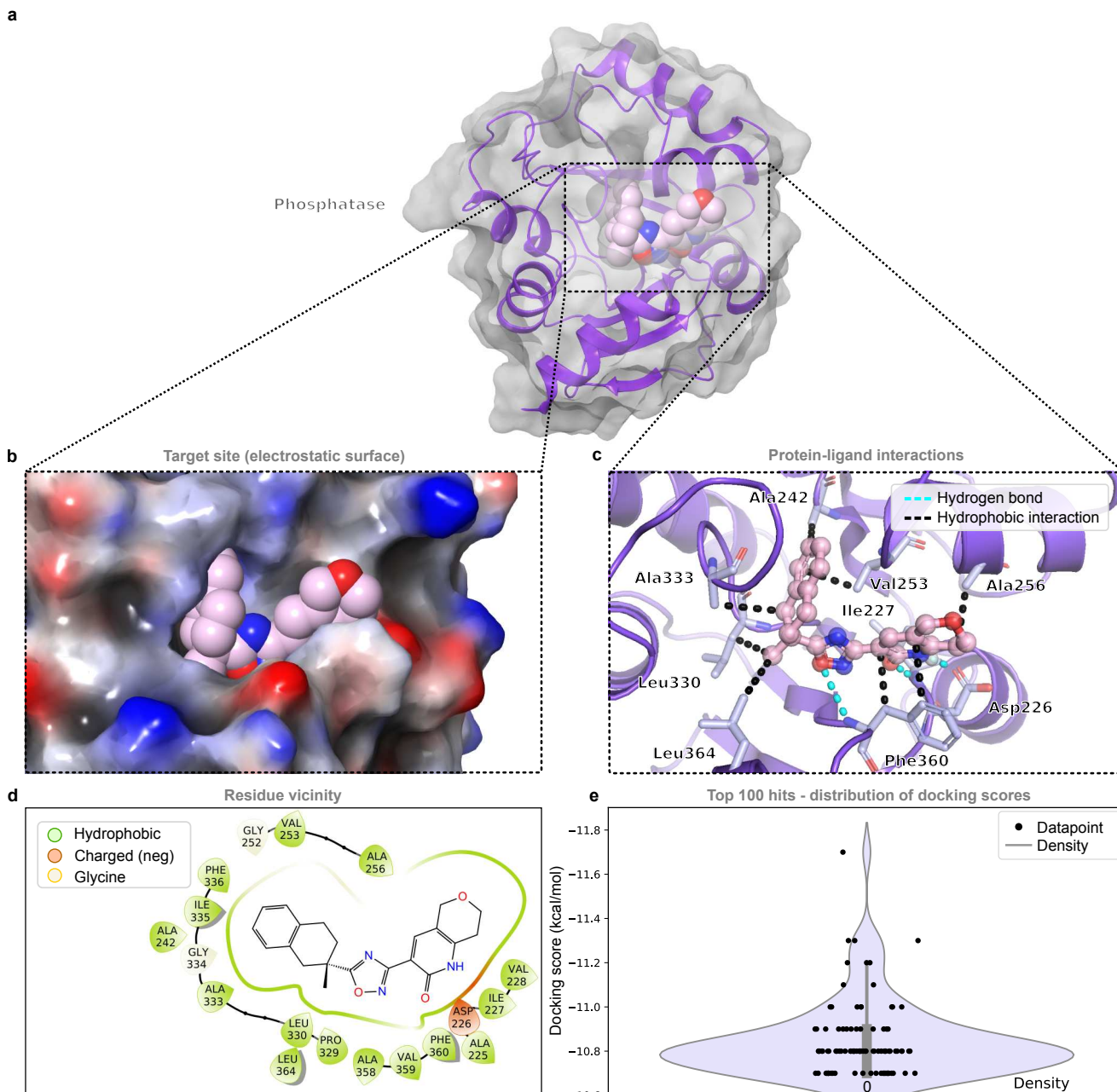


Fig. 10. The phosphatase (closed conformation) and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site. a, The phosphatase (violet), which is part of nsp3, and an example compound (light pink) from the virtual screen bound to the active site (closed conformation) (Screen ID :10). **b,** Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c,** An overview of the interactions between the inhibitor and the phosphatase structure. **d,** Residues within 4 Å of the inhibitor. **e,** Distribution of the docking scores of the top 100 virtual screening hits.

tered around Glu37), two independent virtual screens were carried out (Screen IDs: 1 and 2): one using an ACE2 structure where no spike protein was bound (PDB: 6m17; Screen ID: 1), and one using an ACE2 structure to which the RBD domain of the spike protein was bound (PDB: 6m18; Screen ID: 2). The difference between these two conformations at the site of binding is relatively small (RMSD: 0.355 Å in the region of the first two N-terminal α -helices), yet significant for structure-based virtual screening. The second site that we targeted on the spike binding interface (Screen ID: 3) is centered around residue Gly354, and was chosen because there is a shallow hydrophobic pocket. The other two sites targeted

were two dynamic pockets adjacent to the spike interface on ACE2 potentially capable of accommodating tighter binders (Screen IDs: 4 and 5) (Supplementary Figs. 1, 2). Compounds bound to the two dynamic pockets could be linked to each other, and the linker, which then would pass over the spike interaction interface, could potentially block the binding of spike protein.

Targeting the ACE2 interaction interface on the Spike RBD. *In vitro* measurements suggest that SARS-CoV-2 RBD binds to ACE2 with nanomolar affinity (18, 46). Each peptidase domain of ACE2 can accommodate one RBD and the interaction is mediated through polar interactions. It has previ-

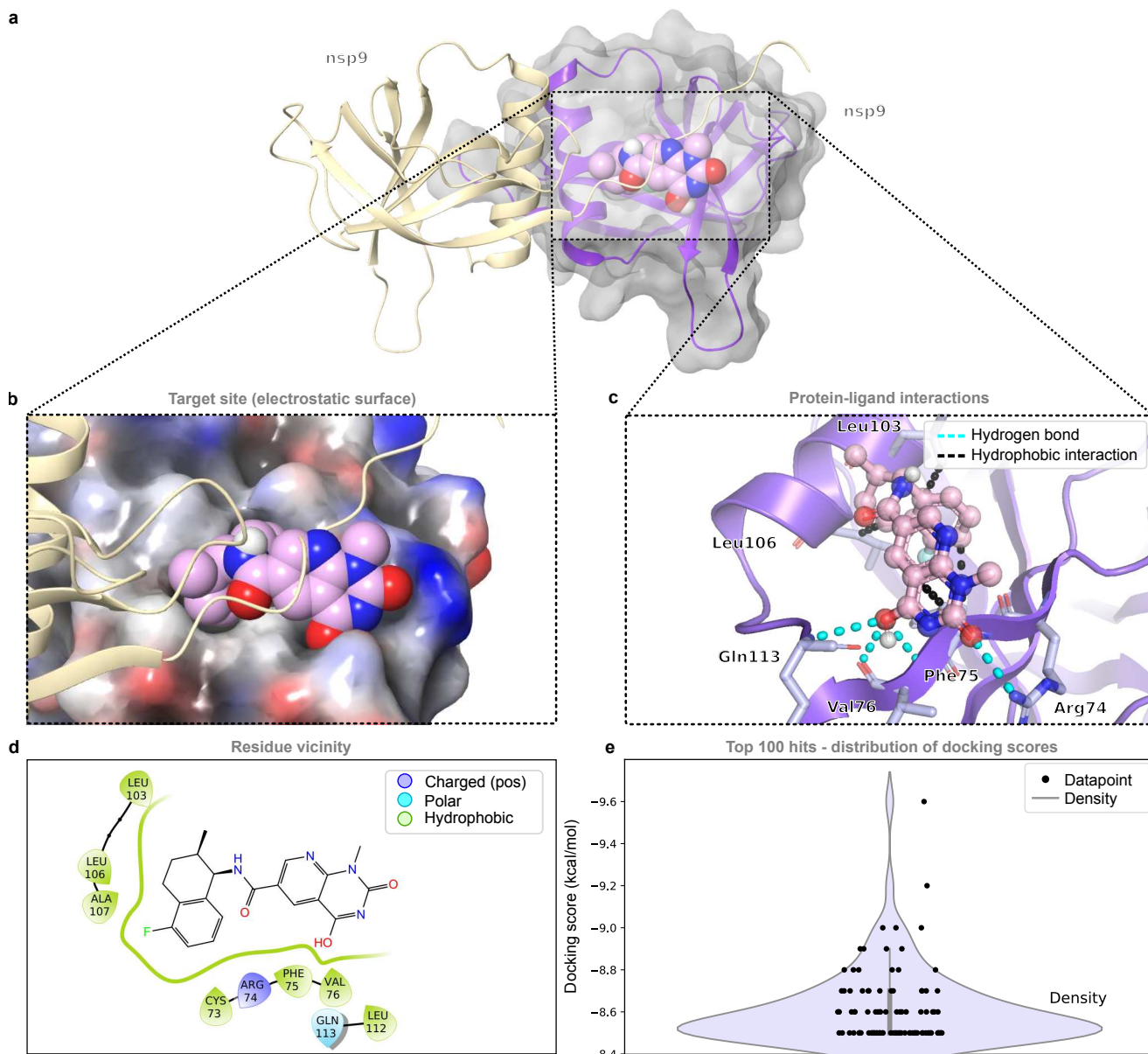


Fig. 11. nsp9 and an example compound from the top 0.0001% of screened compounds bound at the dimerization interface (site 2). **a**, The nsp9 dimer (one monomer in violet, one monomer in gold), where an example compound (light pink) from the virtual screen is bound to the dimerization interface (site 2) of the nsp9 monomer in violet (Screen ID: 24). **b**, Electrostatic surface of the target protein to which an example compound (light pink) and a second nsp9 monomer (light gold) is bound. **c**, An overview of the interactions between the inhibitor and the nsp9 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

ously been shown that the "up" conformation of the RBD is required for receptor binding and that two spike protein trimers can bind to a single ACE2 dimer (17) (Fig. 4). The RBD itself consists of a core containing an anti-parallel β -sheet ($\beta 1$ to $\beta 4$ and $\beta 7$), with three short α -helices and an extended loop. This extended loop engages the $\alpha 1$ helix of the ACE2-PD, and it is the center of this interface on the RBD that we have targeted by virtual screening (Screen ID: 7) (Fig. 4).

The spike interaction interface on ACE2 is relatively flat and polar, which makes it challenging to identify tight-binding molecules. This difficulty is reflected in the docking scores resulting from the virtual screen of this binding interface: the average docking score of the top 100 virtual hit

compounds from this screen was approximately -8 kcal/mol, which is amongst the weakest docking score averages of all the target sites screened (see also Supplementary Fig. 21).

The SARS-CoV-2 RBD has significantly higher affinity for ACE2 as compared to that of the SARS-CoV RBD (43, 46); however, the full-length spike protein from SARS-CoV-2 shows either similar or weaker affinity for ACE2 (18, 47) when compared to that of the full-length SARS-CoV spike. This contrast in binding affinities between the RBD alone and the full-length spike protein could be a consequence of RBD dynamics where the protein switches between RBD "up" and "down" states as seen in case of SARS-CoV (48, 49). There is limited information available as to whether the SARS-CoV-2 spike favors a 'lying-

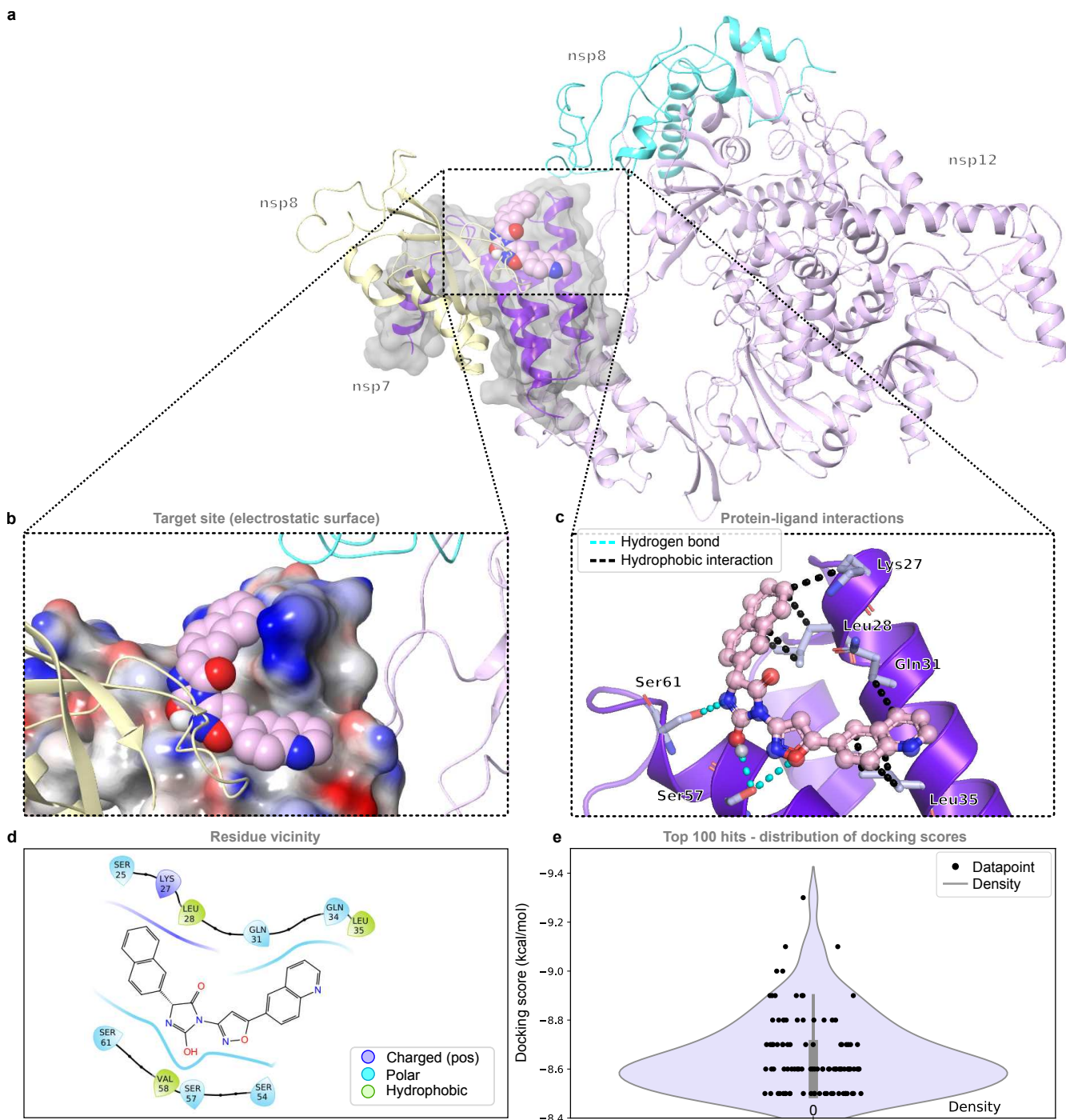


Fig. 12. nsp7 and an example compound from the top 0.0001% of screened compounds bound to the surface. **a**, nsp7 (violet), where an example compound (light pink) from the virtual screen is bound at the nsp8 (light gold) interface. In the virtual screen, a blind docking was carried out for each screened compound over the entire surrounding helical surface. This helical surface includes large parts of the nsp8 (light gold, cyan) and nsp12 (lavender) binding interfaces (Screen ID: 20). **b**, Electrostatic surface of nsp7 to which an example compound (light pink) is bound. Also shown are the protein-protein interaction partners nsp8 (light gold, cyan) and nsp12 (lavender). **c**, An overview of the interactions between the inhibitor and the nsp7 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

down-binding-inactive state or a 'standing up' state capable of receptor binding (18, 46), and so far no SARS-CoV-2 spike trimer structure with two RBD domains in "up" position has been determined. Furthermore, there is no information on the inherent dynamics within the RBD domain itself, which is where the targeted molecules are expected to bind. This means that it is possible that local protein dynamics could

adversely affect binding of some of the hits in ways that the screen is unable to predict.

It should be noted that while targeting the flat surface of the spike-binding interface with ACE2 (Screen IDs 1-3) resulted in compounds with an average binding energy of -8.275 kcal/mol, targeting the dynamic pockets resulted in hits with the potential for higher affinity binding. The binding

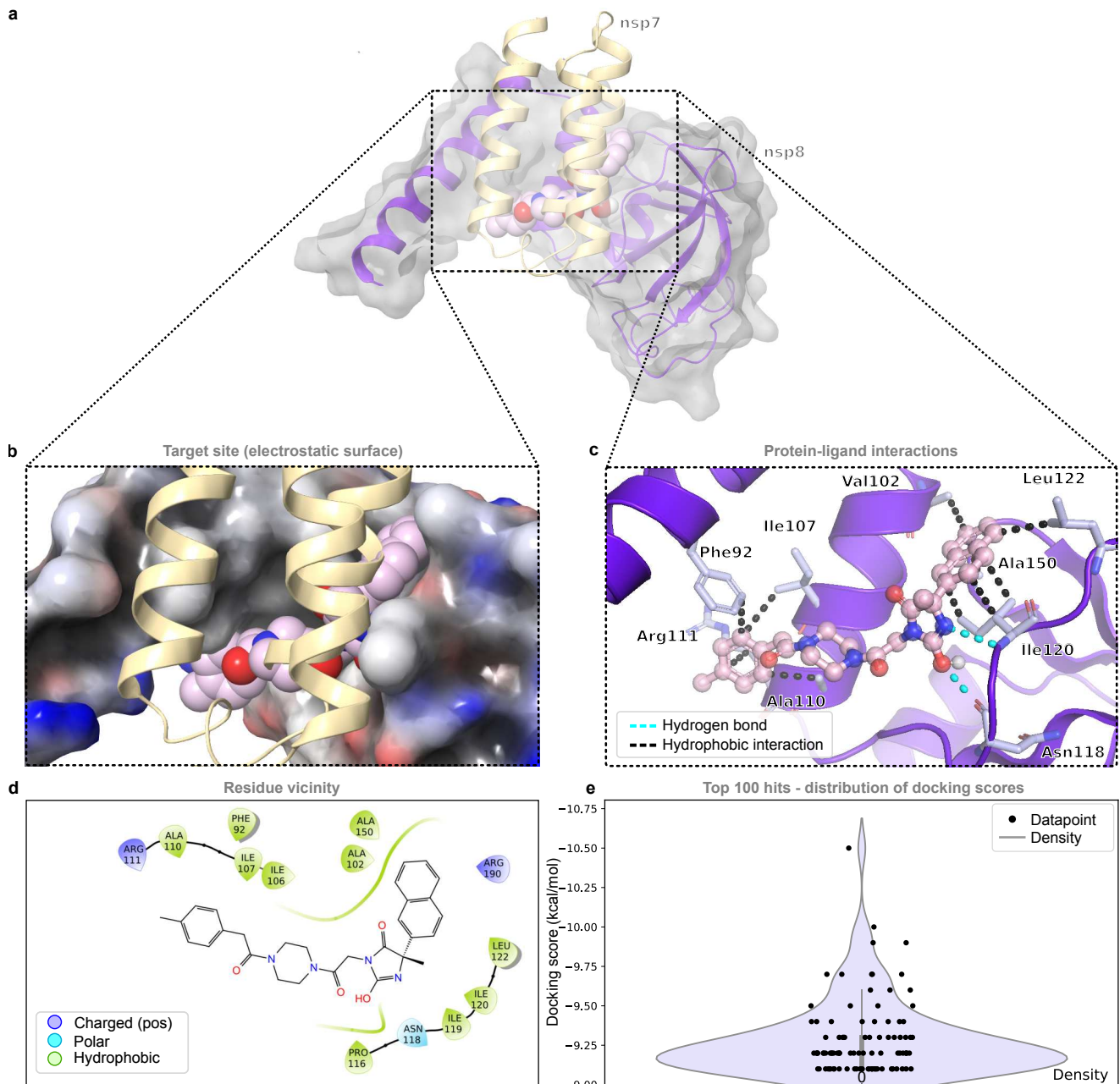


Fig. 13. nsp8 and an example compound from the top 0.0001% of screened compounds bound at the nsp7 binding interface. **a**, nsp8 (violet) bound to nsp7 (light gold) and an example compound (light pink) (Screen ID: 21). **b**, Electrostatic surface of the target protein to which an example compound (light pink) and nsp7 (light gold) bound. **c**, An overview of the interactions between the inhibitor and the nsp8 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

energy of hits in the dynamic pockets was as high as -10.3 kcal/mol. Experimental validation of these hits would be required to confirm an affinity difference.

TMPRSS2. The essential priming of S during entry can be executed by the host serine protease TMPRSS2 in the case of SARS-CoV-2, making it a potential therapeutic target. In addition, recent research has shown that the TMPRSS2 inhibitor, camostat mesylate, can block viral entry in cell-based assays (41). Effective inhibition of TMPRSS2 could have multiple applications, since processing of ACE2 by TMPRSS2 has also been shown to be crucial for activation of S in SARS-CoV (50). Although TMPRSS2 has been shown

to activate protease-activated receptor 2 (PAR-2) and hepatocyte growth factor (HGF), giving it possible roles in tumor metastasis and epithelial-mesenchymal transition (51), the exact physiological function of this protein is still unknown. TMPRSS2-deficient mice showed no significant phenotypic changes (52), and thus TMPRSS2 is considered to be dispensable for normal cellular function, making a TMPRSS2-specific inhibitor less likely to have side effects.

TMPRSS2 itself contains a cytoplasmic domain, a transmembrane domain, an extracellular low-density-lipoprotein-receptor (LDLR) domain, a scavenger-receptor cysteine-rich (SRCR) domain and a C-terminal serine protease domain.

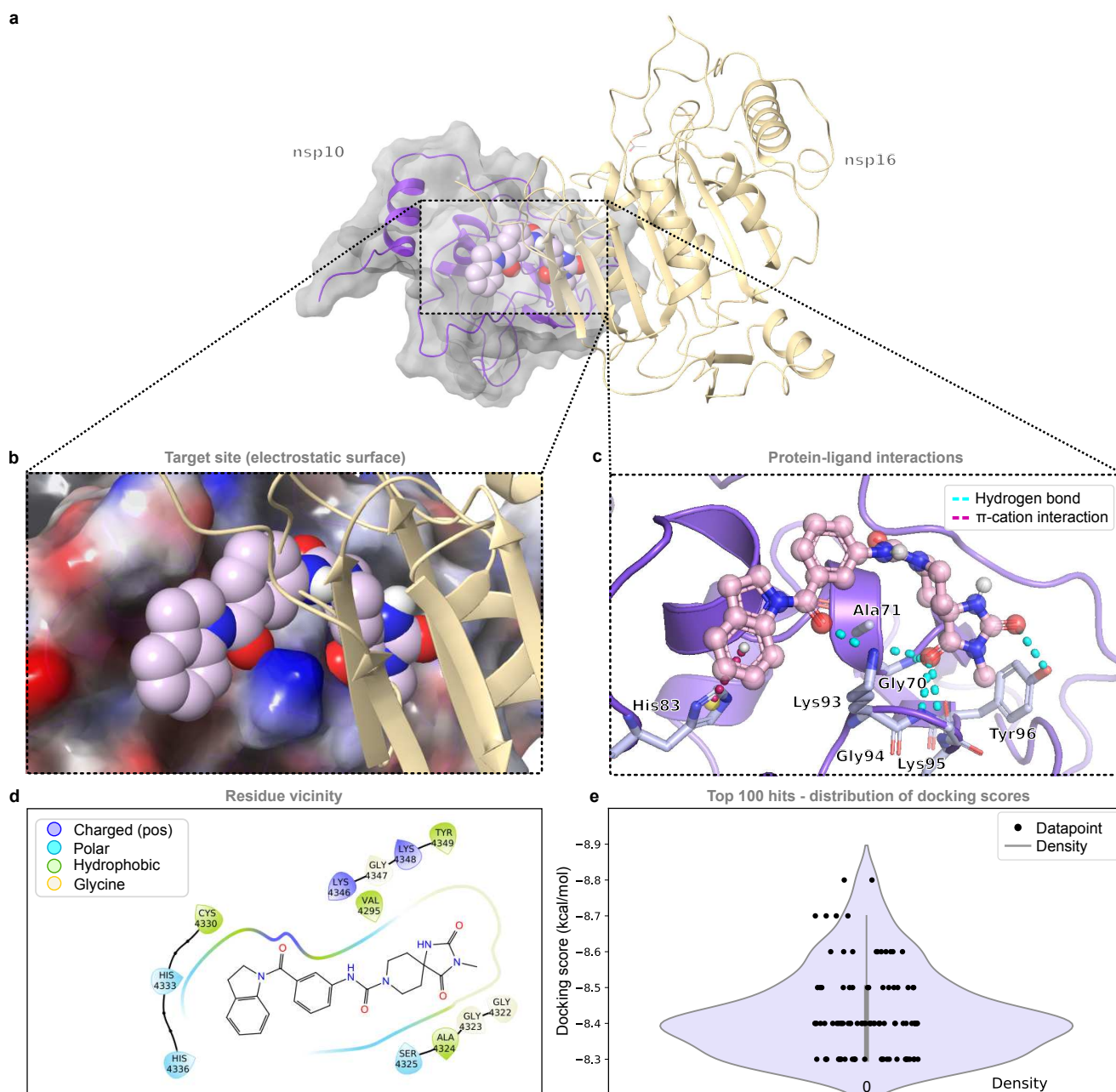


Fig. 14. nsp10 and an example compound from the top 0.0001% of screened compounds bound at the protein-protein interaction interface with nsp14 and nsp16. **a**, nsp10 (violet) bound to nsp14 (light gold) and an example compound (light pink), at the nsp14/nsp16 binding interface of nsp10 (Screen ID: 25). **b**, Electrostatic surface of nsp10 to which an example compound (light pink) as well nsp14 (light gold) are bound. **c**, An overview of the interactions between the inhibitor and the nsp10 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

The TMPRSS2 precursor consists of 492 amino acids and auto-catalytic cleavage at Arg255 generates the active protease (53). As a chymotrypsinogen-like protease, TMPRSS2 contains a catalytic triad consisting of residues His296, Asp345 and Ser441. As there are currently no experimental structures available for TMPRSS2, we used a homology model from SWISS-MODEL that is based on the human serine protease hepsin (PDB: 5CE1.1A), which shares 33.82% sequence identity with TMPRSS2. Approximately 1 billion compounds were screened against the active site of this homology model (Fig. 3).

Since a homology model was used to screen for inhibitors,

success would depend on how closely the model represents the actual structure. The active site of TMPRSS2 is well conserved when compared to the template and other serine proteases, and contains Ser, His and Asp residues. The residues around the binding pocket are also well conserved, making it very likely that the predicted structure is sufficiently accurate in the region around the active site binding pocket, which is what we targeted (Screen ID: 6). Our top 10 hits had an average binding energy of -11.35 kcal/mol, which should ideally result in nanomolar inhibitors. It must be noted that experiments with the TMPRSS2 inhibitor camostat mesylate in cultured cells showed that complete inhibition of

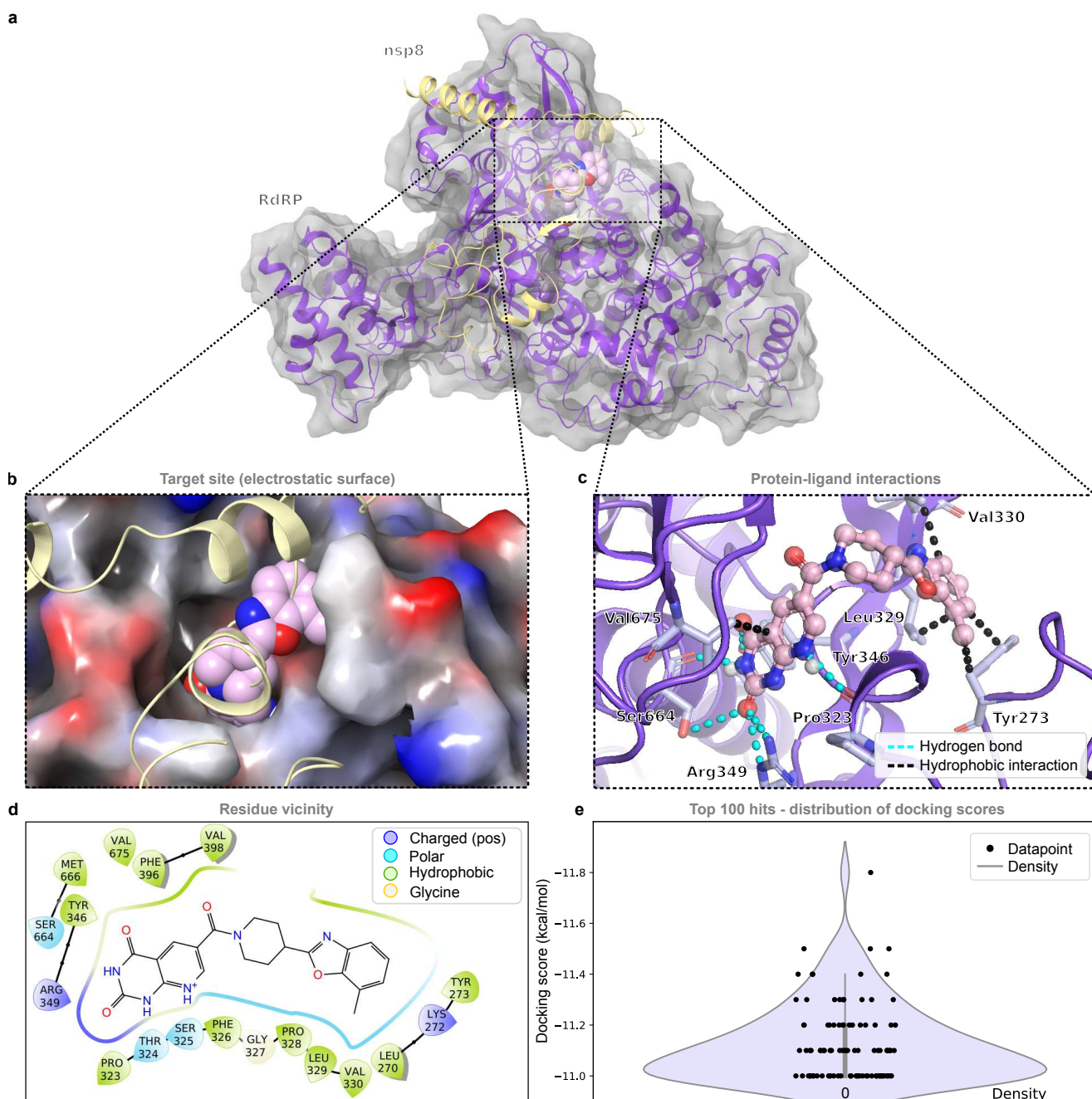


Fig. 15. nsp12 and an example compound from the top 0.0001% of screened compounds bound at the nsp8 binding interface. **a**, nsp12 (violet) bound to nsp8 (light gold) and an example compound (light pink) at the nsp8 binding interface of nsp12. **b**, Electrostatic surface of nsp12 to which an example compound (light pink) as well as nsp8 (light gold) are bound. **c**, An overview of the interactions between the inhibitor and the nsp12 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

viral entry is achieved only in conjunction with an inhibitor of CatB/L (E-64d) (41); however, the impact of this residual priming of S by CatB/L on viral pathogenesis *in vivo* has yet to be well studied.

HR1-HR2 interface. While the S1 subunit of the spike protein is crucial for host cell attachment, the S2 subunit plays an essential role in membrane fusion and subsequent entry into the host cell. Heptad repeats HR1 (residues 912-984) and HR2 (residues 1163-1213) in S2 interact to form the classic six-helix bundle (6-HB) of a class I entry protein (54, 55).

The HR domains of the spike protein and their mode of interaction are known to be highly conserved across CoVs, making them an attractive target for the development of pan-coronavirus fusion inhibitors (56).

The central trimeric coiled-coil of HR1 has three hydrophobic grooves (Fig. 5) that are proposed to be potential drug binding sites for inhibition of viral fusion. The recent crystal structure of HR1-L6-HR2 (PDB: 6LXT) displays a 6-HB structure with the HR1 domains forming a parallel trimeric coiled-coil around the anti-parallel HR2 domain. The hydrophobic groove formed by the HR1 helices is

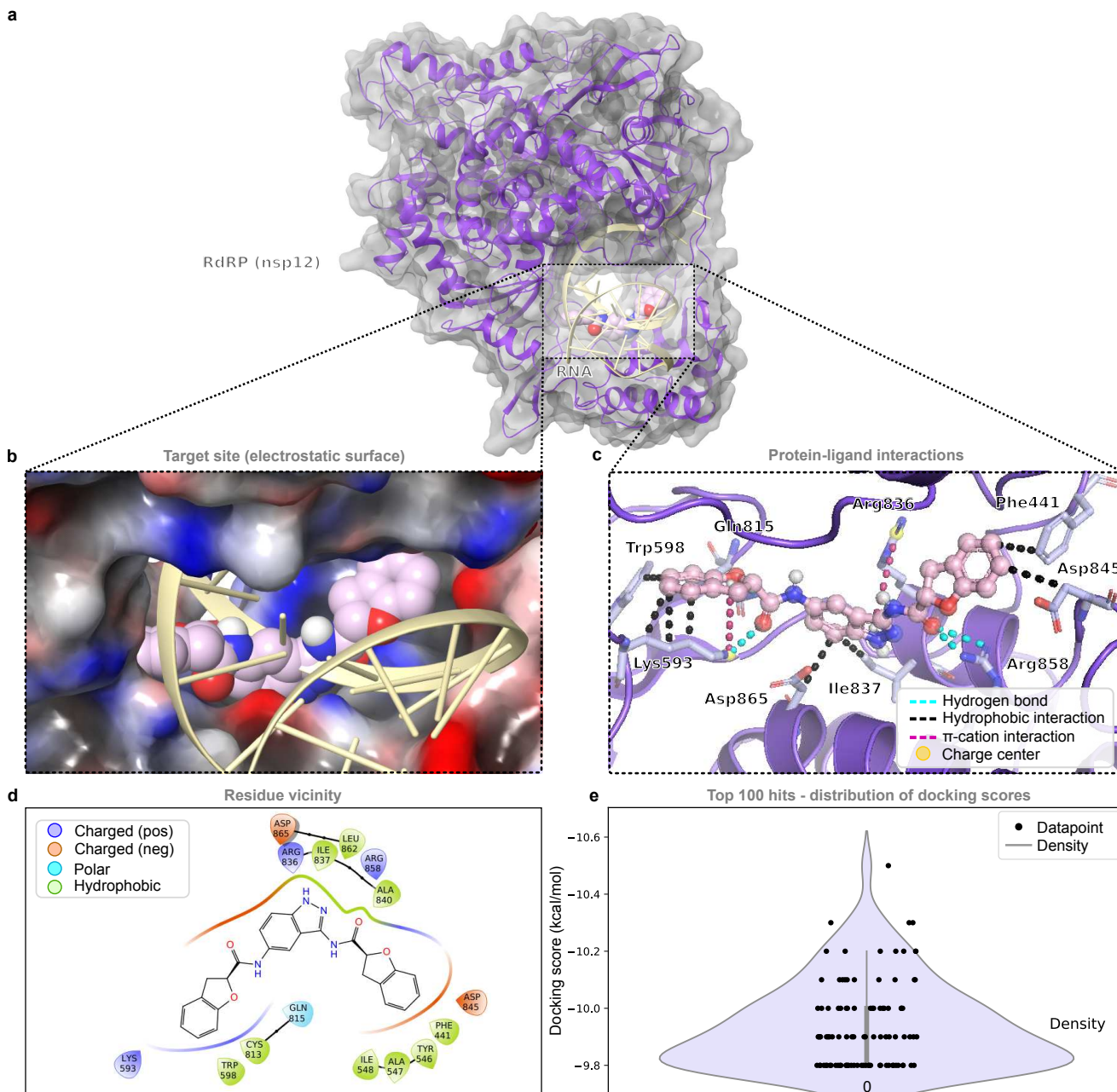


Fig. 16. nsp12 and an example compound from the top 0.0001% of screened compounds bound at site 1 of the the RNA binding interface. **a**, nsp12 (violet) bound to RNA (light gold) and an example compound (light pink) at site 1 of the RNA binding interface of nsp12 (Screen ID: 28). **b**, Electrostatic surface of nsp12 to which an example compound (light pink) is bound at site 1 of the RNA (light gold) binding interface. **c**, An overview of the interactions between the inhibitor and the nsp12 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

also the binding interface for the HR2 domain (57). The hydrophobic interaction between HR1 and HR2 is in the area of the fusion core, and previous studies have shown that both HR1 and HR2 components of this fusion core interface could be effectively targeted using complementary peptides in SARS-CoV-2 and MERS-CoV (54, 58).

We performed a blind docking using QuickVina W against the entire surface of the trimeric alpha helix (Screen ID: 8) (Fig. 4). The resulting hits could not only potentially have high inhibitory activity against multiples CoVs, but could also have both prophylactic and therapeutic applications as was seen previously in the case of a peptide inhibitor (59).

Ligands binding to each of the three different hydrophobic grooves could be identified and linked together in order to enhance the overall affinity and thereby increase the potency.

Preventing coronavirus replication and curtailing viral load

Once coronavirus enters the cell, translation of the replicase gene gives rise to two large polyproteins, PP1a and PP1ab, composed of nsp1-11 and nsp1-16, respectively. M^{PRO} and PL^{PRO} cleave these polyproteins into individual nsps, which facilitate genomic replication and transcription of sub-genomic RNAs. In order to develop small molecules capa-

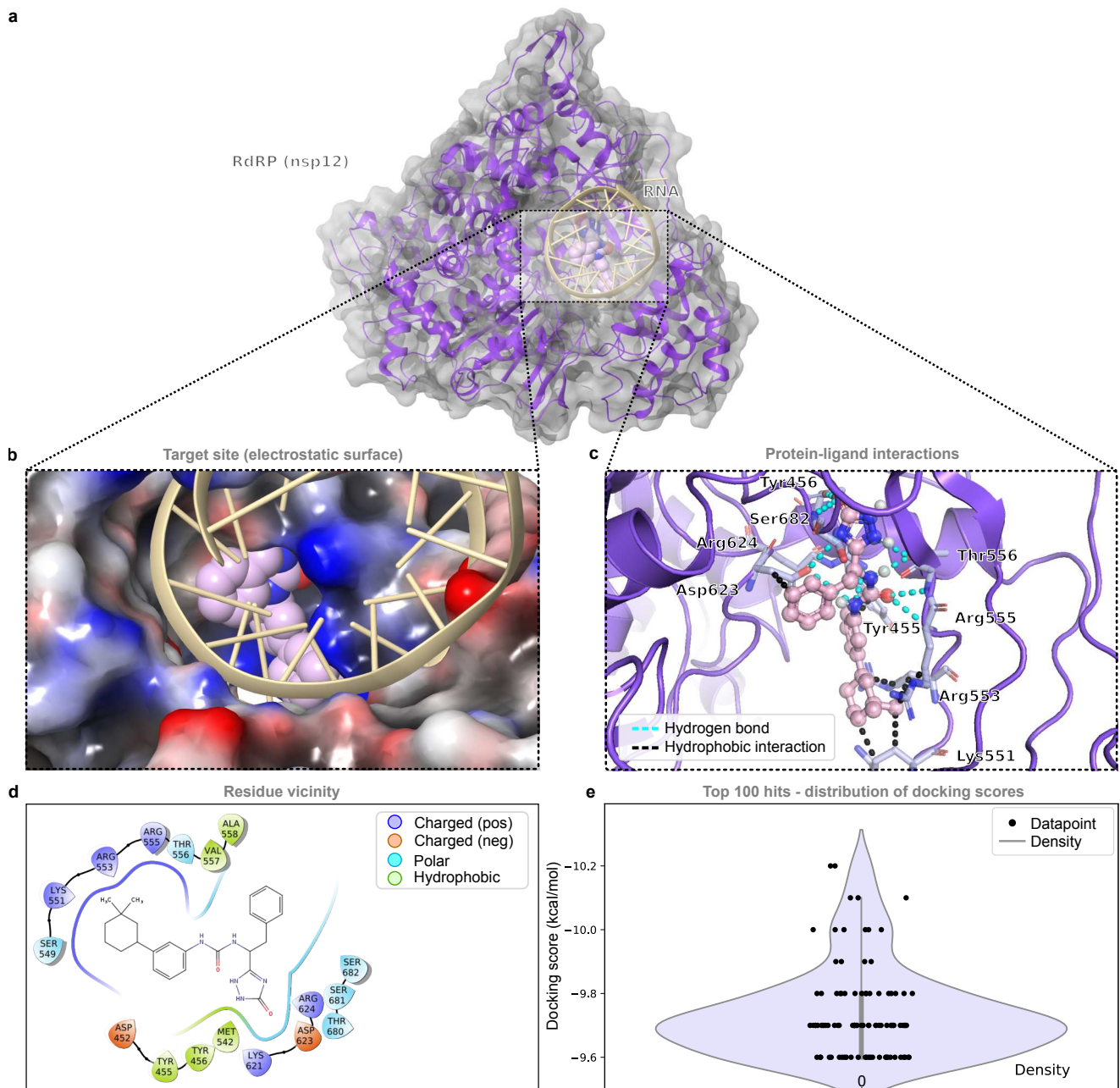


Fig. 17. nsp12 and an example compound from the top 0.0001% of screened compounds bound at the nucleotide binding site. **a**, nsp12 (violet) bound to RNA (light gold) and an example compound (light pink) at the nucleotide binding site (Screen ID: 30). **b**, Electrostatic surface of nsp12 to which an example compound (light pink) is bound at the nucleotide binding site. RNA is depicted in light gold. **c**, An overview of the interactions between the inhibitor and the nsp12 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

ble of inhibiting replication we targeted the following five proteins and protein complexes, selected based on the availability of high-resolution structures and available information about their molecular mechanisms: a) the coronavirus primary protease (M^{pro} , nsp5), b) the papain-like protease (PL^{pro} , nsp3), c) the RNA-replication complex, composed of the RdRp (nsp12) and its co-factors nsp7 and nsp8, d) the helicase (nsp13), and e) the ssRNA-binding protein nsp9.

M^{pro} (3CL pro). M^{pro} (3CL pro), the main protease of coronavirus, cleaves PP1a and PP1ab into many of their constituent nsp (11 cleavage sites in PP1ab). The inhibition of M^{pro} would not only inhibit the protease itself, but also hinder

downstream processes by preventing the production of key viral proteins through inhibition of their proteolytic processing. Proteolytic cleavage by M^{pro} via the catalytic dyad (Cys-His) occurs at the P1 glutamine residue in the cleavage motif (60). Dimerization is thought to create a substrate binding cleft (61), and simulations suggest that only one monomer is active at a time (62). M^{pro} is highly conserved not only in SARS-CoV and SARS-CoV-2, but also among other viruses of the *Nidovirales* order (enveloped positive-sense single-stranded RNA viruses that produce nested 3'-co-terminal genomic RNAs), making it a potential target for the development of antiviral drugs with broad efficacy (63).

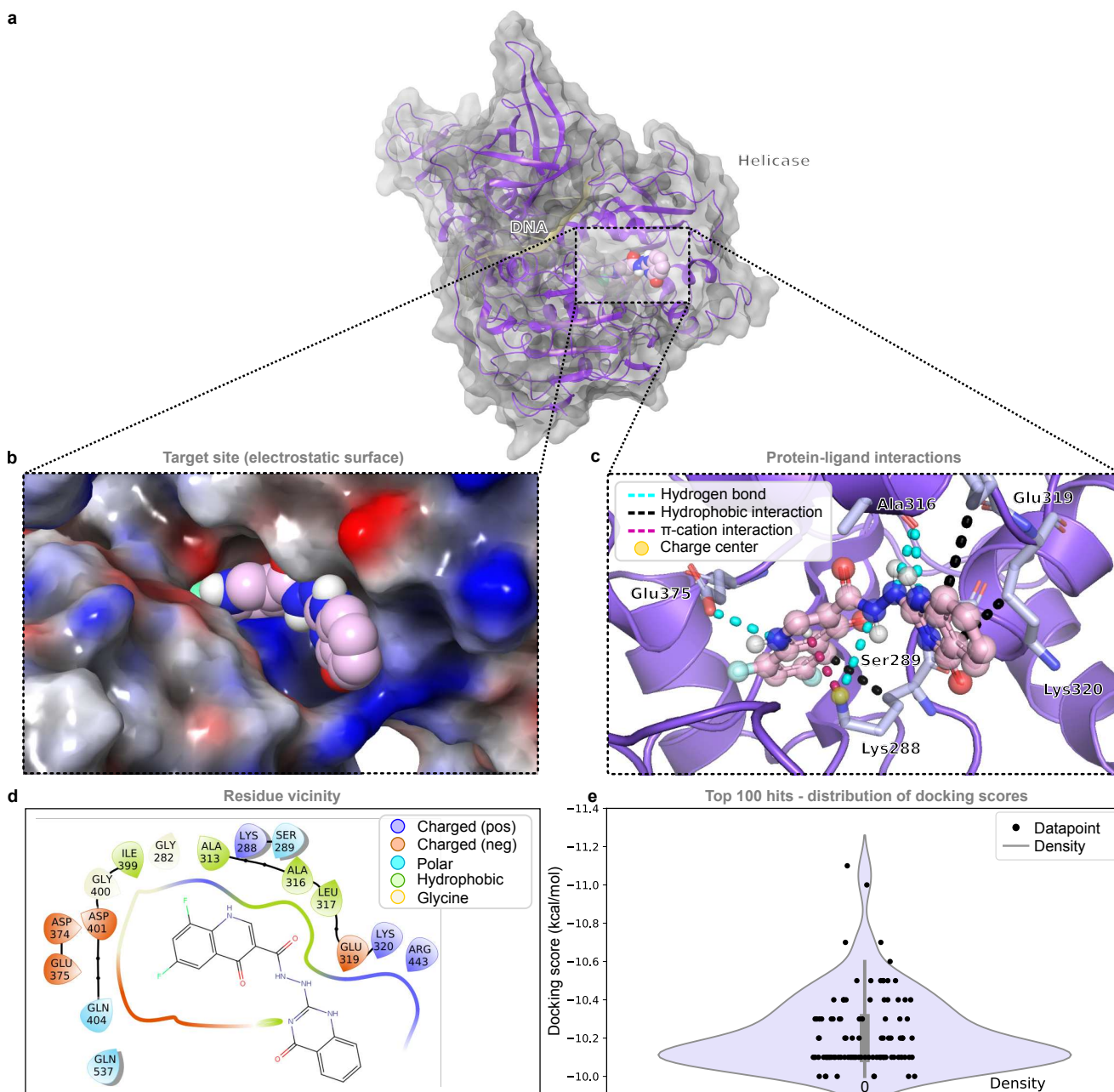


Fig. 18. The helicase (nsp13) and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site. **a**, The helicase (violet) bound to an example compound (light pink) at the enzymatic active site. A docked DNA strand is shown in light gold (Screen ID: 33). **b**, Electrostatic surface of the helicase to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the helicase structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

Using the same strategies that allowed crystallization of SARS-CoV M^{Pro} (64), several groups determined the three-dimensional structure of SARS-CoV-2 M^{Pro} in its apo form or bound to various inhibitors (65–71). These structures revealed that the N-terminus of SARS-CoV-2 M^{Pro} contains two domains (domain I, residues 10–99; domain II, residues 100–184) that adopt a chymotrypsin-like fold, whereas the M^{Pro} C-terminal Domain III (residues 201–303) is composed of five α -helices and is responsible for the intermolecular interactions critical for the dimerization. The protease active site of the picornavirus 3C-protease-like domain is located at the cleft formed between domains I and II and contains

a Cys145-His41 catalytic dyad. A total of five protein segments comprised of residues 25–27 and 44–50 from domain I and residues 140–143, 165–168 and 188–190 from domain II form the walls of the active site (Supplementary Fig. 20a).

The M^{Pro} active site seems to show significant conformational flexibility (72). Comparison of three apo structures and five structures in complex with inhibitors reveals changes in the conformation and position of the Gln189-containing loop and the short Ser46-containing α -helix (Supplementary Fig. 20b). Specifically, the cleft between domains I and II is narrower in the apo structures than in the structures of M^{Pro} bound to inhibitors, consistent with an induced-fit or confor-

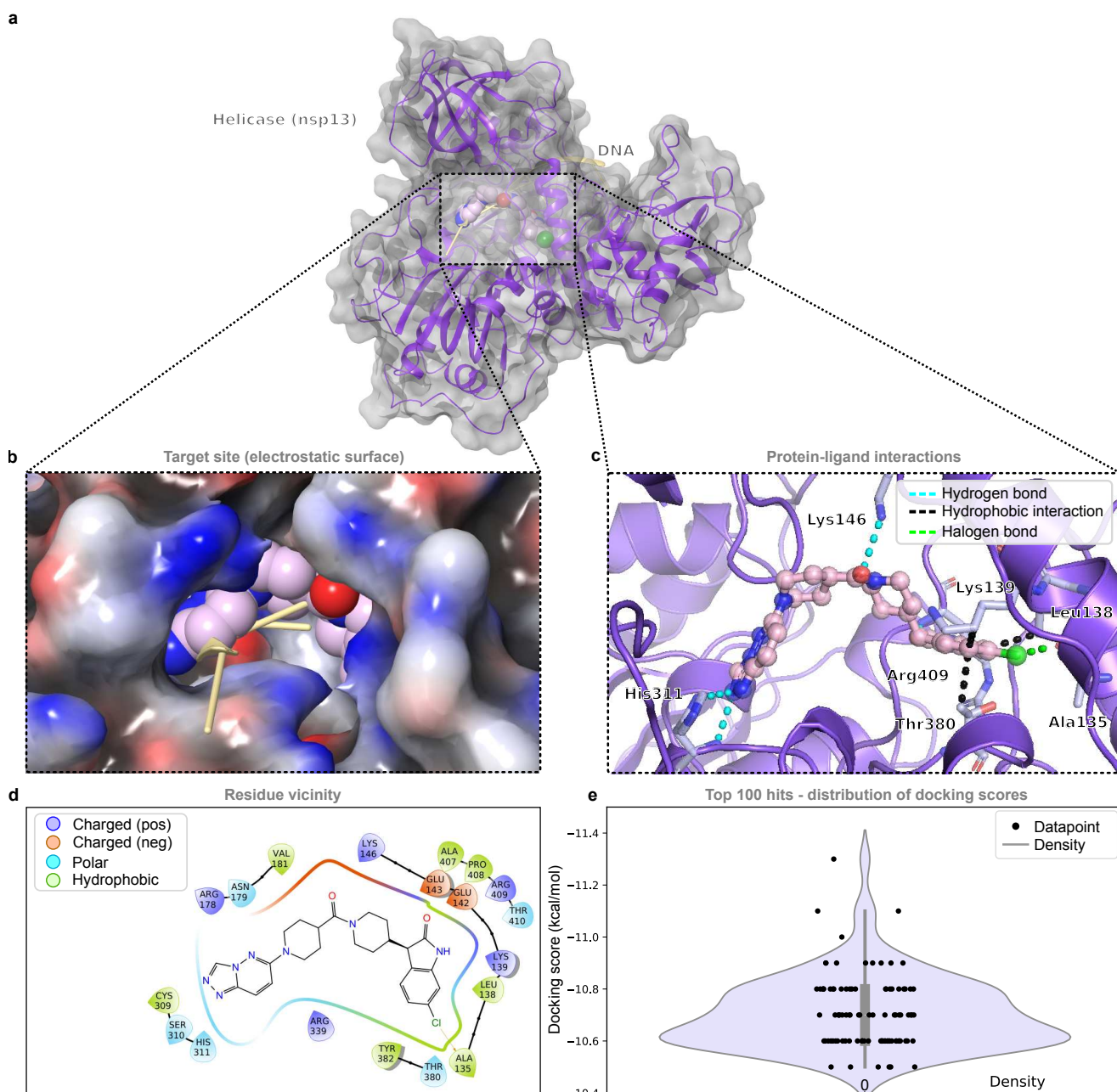


Fig. 19. The helicase (nsp13) and an example compound from the top 0.0001% of screened compounds bound at region 1 of the RNA-binding interface. **a**, The helicase (violet) bound to an example compound (light pink) at region 1 of the RNA-binding interface. A docked DNA strand is shown in light gold (Screen ID: 34). **b**, Electrostatic surface of the helicase to which an example compound (light pink) and a docked DNA strand (light gold) are bound. **c**, An overview of the interactions between the compound and the helicase structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

mational selection upon ligand binding.

Given the plasticity of the active site, we used two different conformations of M^{PrO} for *in silico* screening (Screen IDs: 16 and 17) (Fig. 6, Supplementary Fig. 5). The first conformation corresponded to the structure of M^{PrO} bound to the peptide-like inhibitor N3 (66). For this search, the protein model used was exactly the protein structure reported in the PDB file, after removal of all water molecules and bound ligands (Screen ID: 16) (Supplementary Fig. 20c). The second conformation corresponded to the structure of M^{PrO} bound to inhibitor 11b, an inhibitor with peptide-like features (67). However, the model used for screening differed slightly from

the conformation reported in the PDB file. In the crystal structure, the side chain of Met49 projects into the active site and thus would potentially interfere with compound docking. To avoid this, a different Met49 side chain rotamer was used that did not project as much into the active site. This change resulted in steric clashes with the side chain of Ser46, for which selection of a different side chain rotamer resolved these incompatibilities. Finally, a rotamer for Cys145 was selected that results in its side chain pointing towards the core of the protein. This rotamer was selected to allow the possible docking of compounds that could form covalent bonds with the Cys145 thiol group (Supplementary Fig. 20d).

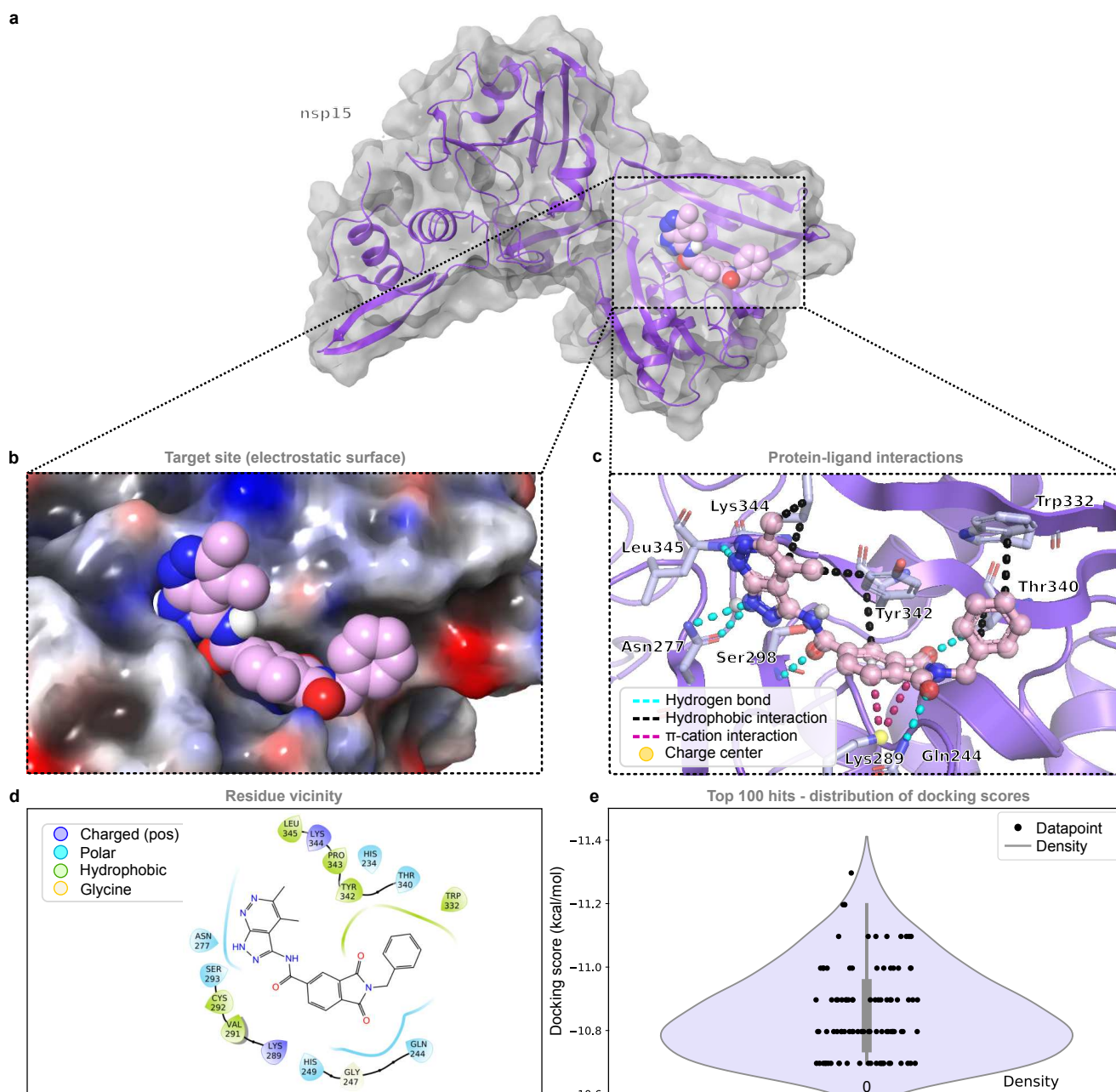


Fig. 20. nsp15 and an example compound from the top 0.0001% of screened compounds bound at the active site. **a**, nsp15 (violet) bound to an example compound (light pink) at the active site (Screen ID: 39). **b**, Electrostatic surface of nsp15 to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the nsp15 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

The two conformations screened, hereafter referred to as M^{PRO} -N3 (Screen ID: 16) and M^{PRO} -11b* (Screen ID: 17), respectively, identified compounds that docked with high binding energies (Supplementary Fig. 20). Interestingly, the M^{PRO} -11b* conformation resulted in predicted binding free energies that were approximately 0.5 kcal/mol lower than the binding free energies (docking scores) obtained from screening the M^{PRO} -N3 conformation. Moreover, amongst the top 1000 hits identified by screening each of the two conformations (with the application of the standard filtering criteria of logP less than 6, molecular weight less than 600 daltons, and no reactive groups), only 12 hits overlapped. These results illustrate how screening closely related protein conformations

can lead to the identification of a diverse set of docked compounds and this may be a generalizable strategy for *in silico* screening of proteins that exhibit conformational flexibility, such as SARS-CoV-2 M^{PRO} (72).

Since the dimerization of M^{PRO} is known to be essential for its catalytic activity (73–75), we also targeted the dimerization interface, which relies primarily on the α 1 helix of the C-terminal domain (Screen ID: 18). Previous studies have shown that the inter-conversion of M^{PRO} from monomer to dimer is mediated by an order-to-disorder transition of α 5, and this aids domain swapping without exposure of the protein's hydrophobic core (76). Since the C-terminal region of M^{PRO} is fully conserved between SARS-CoV and SARS-

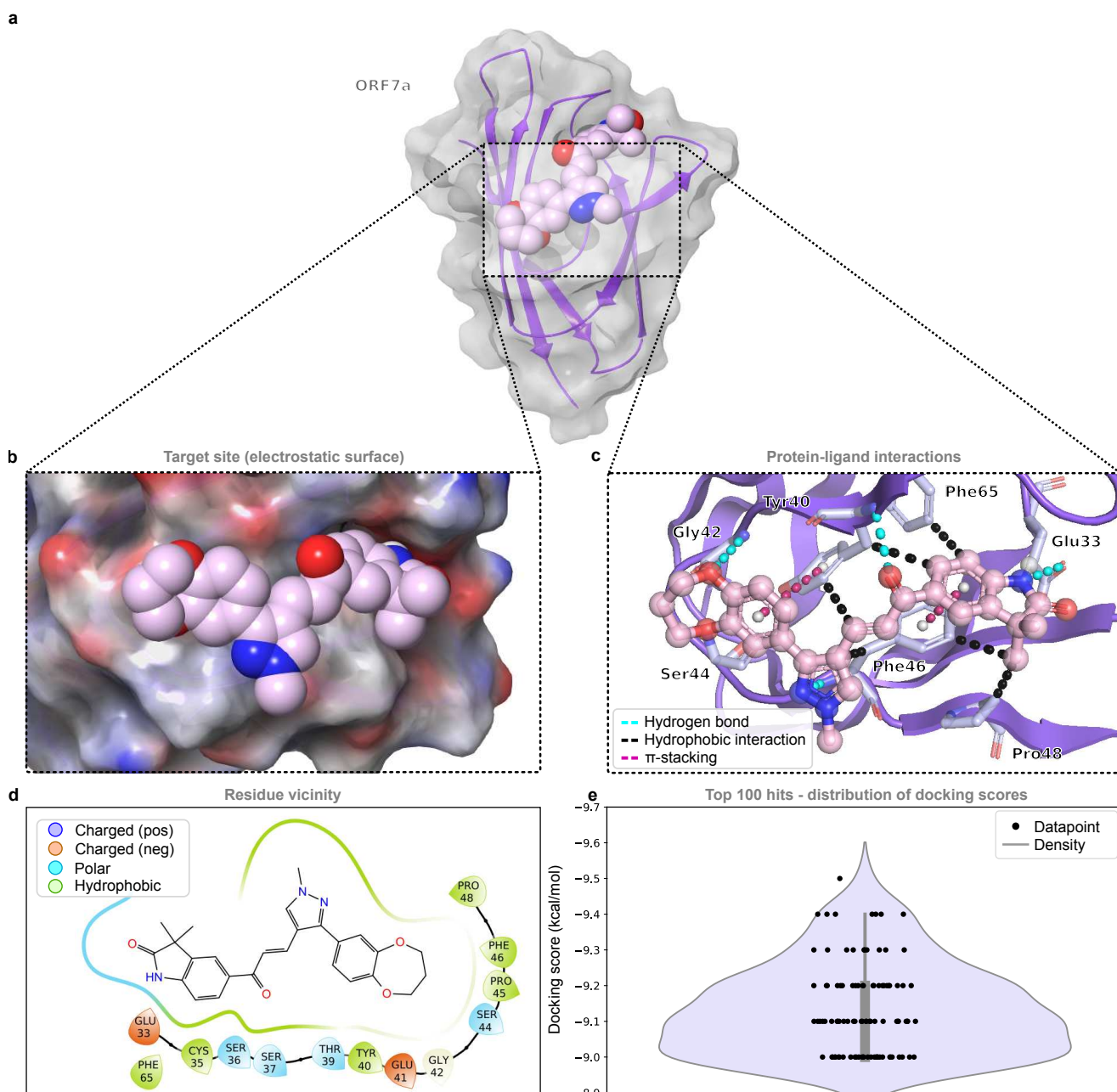


Fig. 21. ORF7a and an example compound from the top 0.0001% of screened compounds bound. **a**, ORF7a (violet) bound to an example compound (light pink) at the surface (Screen ID: 9). **b**, Electrostatic surface of ORF7a to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the ORF7a structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

CoV-2, we used an NMR ensemble of the SARS-CoV M^{pro} C-terminal domain (PDB: 2LIZ) to build a hybrid model of a disordered C-terminus. We subsequently used this model and screened against the attachment site of the $\alpha 5$ helix (Screen ID: 19). Potential binders at this position would be expected to trap the protein in its inactive monomeric form.

PL^{pro}. SARS-CoV-2 nsp3 is a multi-domain protein containing an N-terminal ubiquitin-like fold, a glutamic-acid-rich acidic domain, a phosphatase domain, a SARS unique domain (SUD), a catalytically active PL^{pro} domain, a marker domain (G2M), and two transmembrane domains (77). In addition to the protease activity, PL^{pro} also possesses deubiqui-

tion and de-ISGylation activity that aids in the disruption of the interferon regulatory factor 3 (IRF3) pathway and host innate immune responses (78). The central α -helical "thumb" domain of PL^{pro} harbors the catalytic Cys112, while the C-terminal domain is mostly β -sheet and includes the "palm" domain, which harbors the other two residues of the catalytic triad, His275 and Asp287, and the "fingers", which coordinate a Zn²⁺ ion (PDB: 6W9C). PL^{pro} also has two blocking loops (BL1 and BL2) targeting which will prevent the substrate from entering the active site.

Comparison of the crystal structures of PL^{pro} in its unbound and peptide inhibitor-bound states (PDB: 6w9c and 6wx4, respectively) revealed conformational changes in both

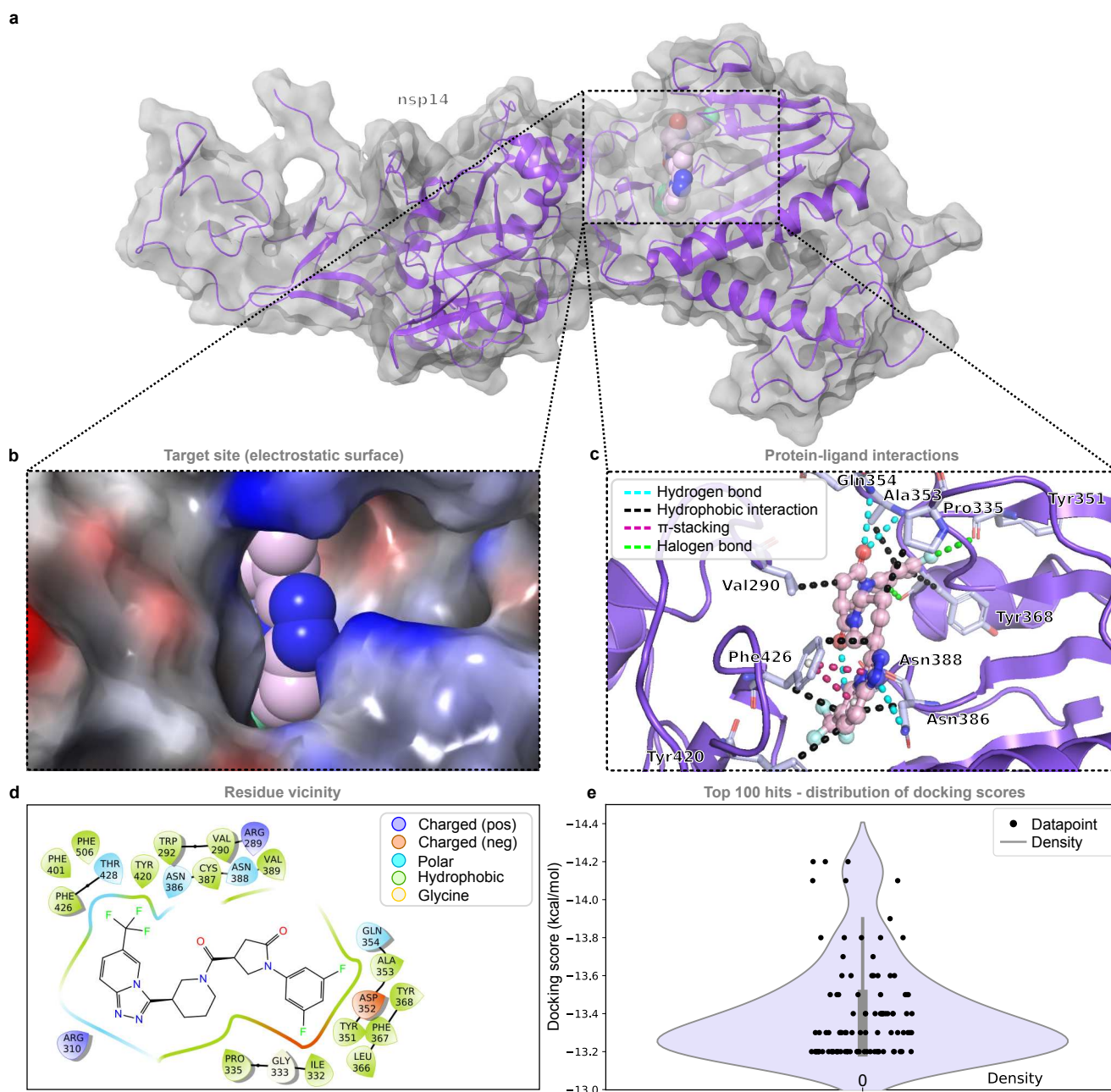


Fig. 22. nsp14 and an example compound from the top 0.0001% of screened compounds bound at the active site of the N7 methyltransferase domain. **a**, nsp14 (violet) bound to a example compound (light pink) at the active site of the N7 methyltransferase domain (Screen ID: 38). **b**, Electrostatic surface of nsp14 to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the nsp14 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

the "finger" domain as well as the BL2 loop. We therefore targeted the active site in unliganded and the bound states, which correspond to the open and closed conformations the active site (Screen IDs: 12 and 15 respectively) Fig. 7(Fig. 9). In addition to this, we also targeted the accessory cleft leading to the active site which would prevent the substrate access to the active site (Screen ID: 13).(Supplementary Fig. 6). In addition to the three sites that are described here, the ubiquitin contact site in PI^{PRO} which is critical for the deubiquitination and deISGylation functions was also targeted, and is described in detail elsewhere in this manuscript.

Replication complex: nsp7, 8 and 12. nsp12, 7, and 8 form a minimal 160-kDa complex capable of nucleotide polymerization with additional nsps playing important roles in RNA modification (79, 80). nsp12 encodes for the RNA-dependent RNA polymerase (RdRp) while nsp7 and nsp8 are cofactors, which may form a hexadecameric supercomplex (81). When compared to the SARS-CoV replicase, key functional residues are found to be fully conserved in SARS-CoV-2; however, there are substitutions on the surface of the complex. The RNA polymerase domain of nsp12 has an N-terminal nidovirus-unique N-terminal extension (NiRAN) in addition to the "finger", "palm", and "thumb" domains com-

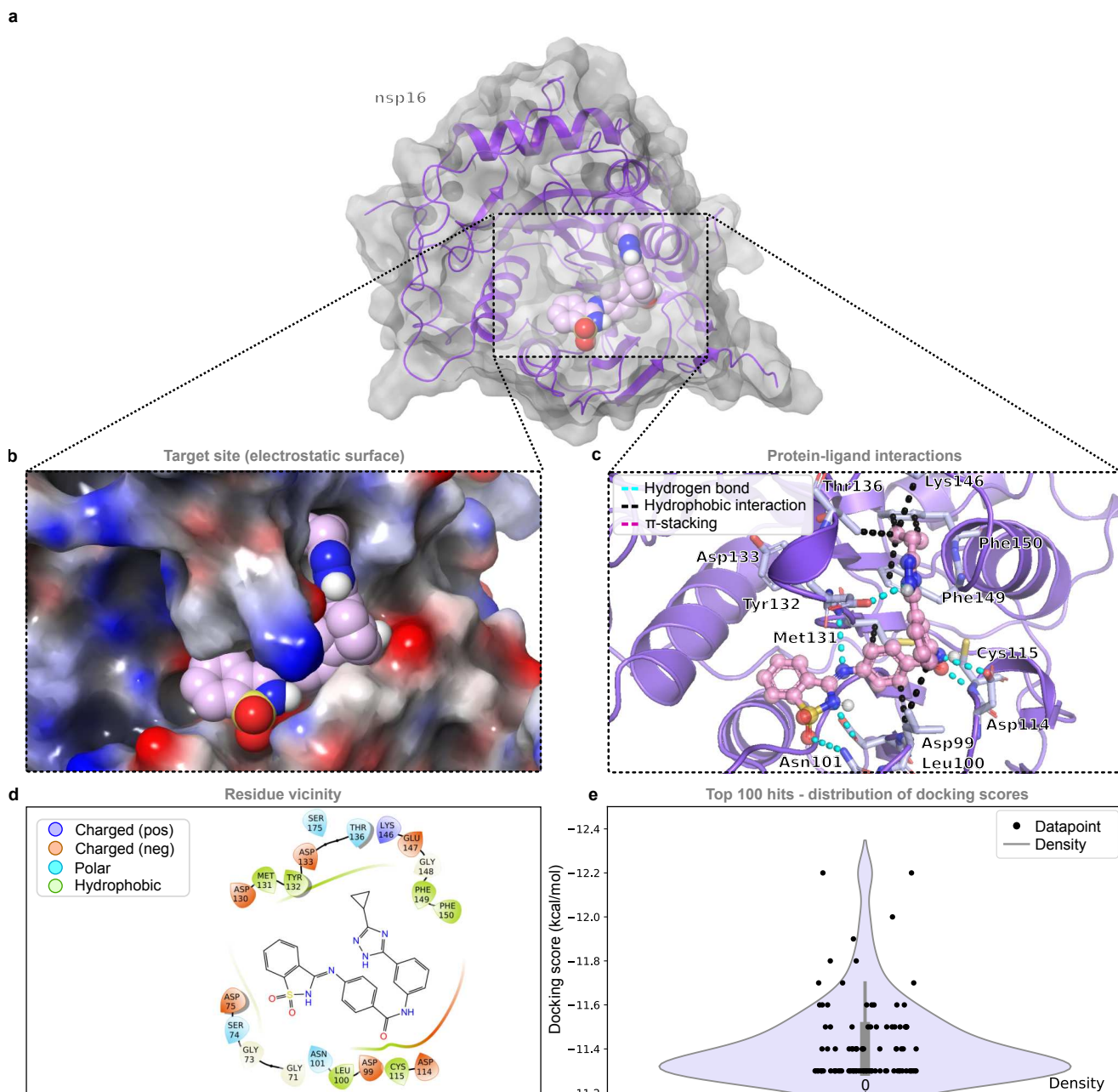


Fig. 23. nsp16 and an example compound from the top 0.0001% of screened compounds bound at the active site. **a**, nsp16 (violet) bound to an example compound (light pink) at the active site (Screen ID: 40). **b**, Electrostatic surface of nsp16 to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the nsp16 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

mon to polymerases (82) (Figs. 15, 16, 17, Supplementary Figs. 12, 13). The seven catalytic motifs found in other known viral polymerases, and which are involved in template and nucleotide binding and catalysis, are also well conserved in the SARS-CoV-2 polymerase (82, 83).

The SARS-CoV-2 RNA synthesis machinery is governed largely by a number of protein-protein interactions, and this provides us with an opportunity to target these interfaces using small molecules. The C-terminal head domain of nsp8 wraps around the nsp7 helical bundle, forming a hexameric complex. nsp8 has been suggested to possess RdRp activity of its own, and produce the primers utilized by the primer-dependent nsp12 RdRp. This nsp12 activity requires

the formation of a large oligomeric complex that brings active site residues into proximity with each other (84, 85). A previously determined crystal structure (PDB: 2AHM) shows nsp7 and nsp8 capable of interacting in at least two ways: i) residues on the C-terminal end of the nsp8 shaft form a hydrophobic core with residues in helix 1 of nsp7; and ii) helix 1 and the short helix of nsp7 interact with one of the helices of the nsp8 head domain (Fig. 12). The heterodimer formed by nsp7-nsp8 interaction binds to nsp12 on the polymerase "thumb" domain facing the NTP entry channel, thus placing the nsp12 polymerase "index finger" loop between nsp7-nsp8 and the polymerase "thumb" domain (Fig. 13). In addition to this interaction, a second nsp8 monomer binds to the nsp12

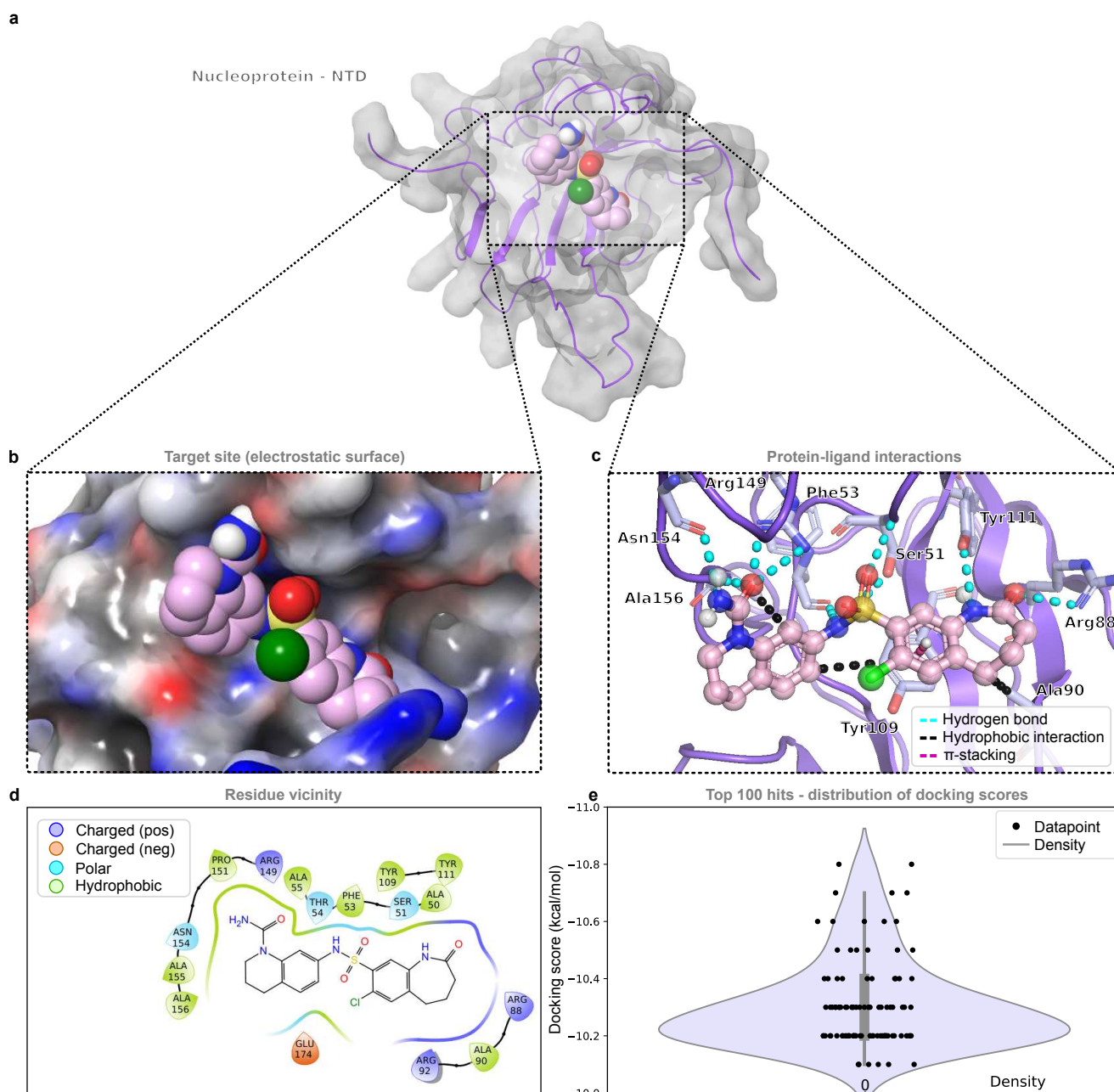


Fig. 24. N-terminal domain of the nucleoprotein and an example compound from the top 0.0001% of screened compounds bound at the RNA-binding interface. **a.** The N-terminal domain (NTD) of nucleoprotein (violet) bound to an example compound (light pink) at the RNA binding interface (Screen ID: 41). **b.** Electrostatic surface of nucleoprotein to which an example compound (light pink) is bound. **c.** An overview of the interactions between the compound and the NTD structure. **d.** Residues within 4 Å of the inhibitor. **e.** Distribution of the docking scores of the top 100 virtual screening hits.

interface domain in the vicinity of Leu117. We targeted the nsp12 binding interface on nsp8 (Screen ID: 22) (Fig. 9), the nsp7 binding interface on nsp8 (Screen ID: 21) (Fig. 13), the entire alpha-helical surface of nsp7 which includes the nsp8 and nsp12 binding interfaces (Screen ID: 20) (Fig. 12), the nsp8 binding interface on nsp12 (Screen ID: 31) (Fig. 15), two sites in the RNA binding region on nsp12 (Screen IDs: 28 and 29) (Fig. 16, Supplementary Fig. 12), and the nsp7 binding interface on nsp12 (Screen ID: 32) (Supplementary Fig. 13).

The nsp7 binding interface on nsp12 is relatively shallow, and the RNA binding sites are as well, but to a lesser

degree. One of the principal challenges of targeting an RNA binding interface is the strong avidity effect, frequently in the nanomolar range, that restricts the ability of ligands from displacing RNA. Moreover, biological processes involving RNA-protein interactions are also known to often be dynamics-dependent. The average binding free energies of the top 100 hits from the screens of the RNA binding interfaces of nsp12 (Screen IDs: 28 and 29) were -11.8 and -10.2 kcal/mol, respectively.

nsp13: helicase. nsp13, which is one of the few proteins that is fully conserved in SARS-CoV and SARS-CoV-2, has known activity as an RNA helicase, NTPase, dNTPase, RT-

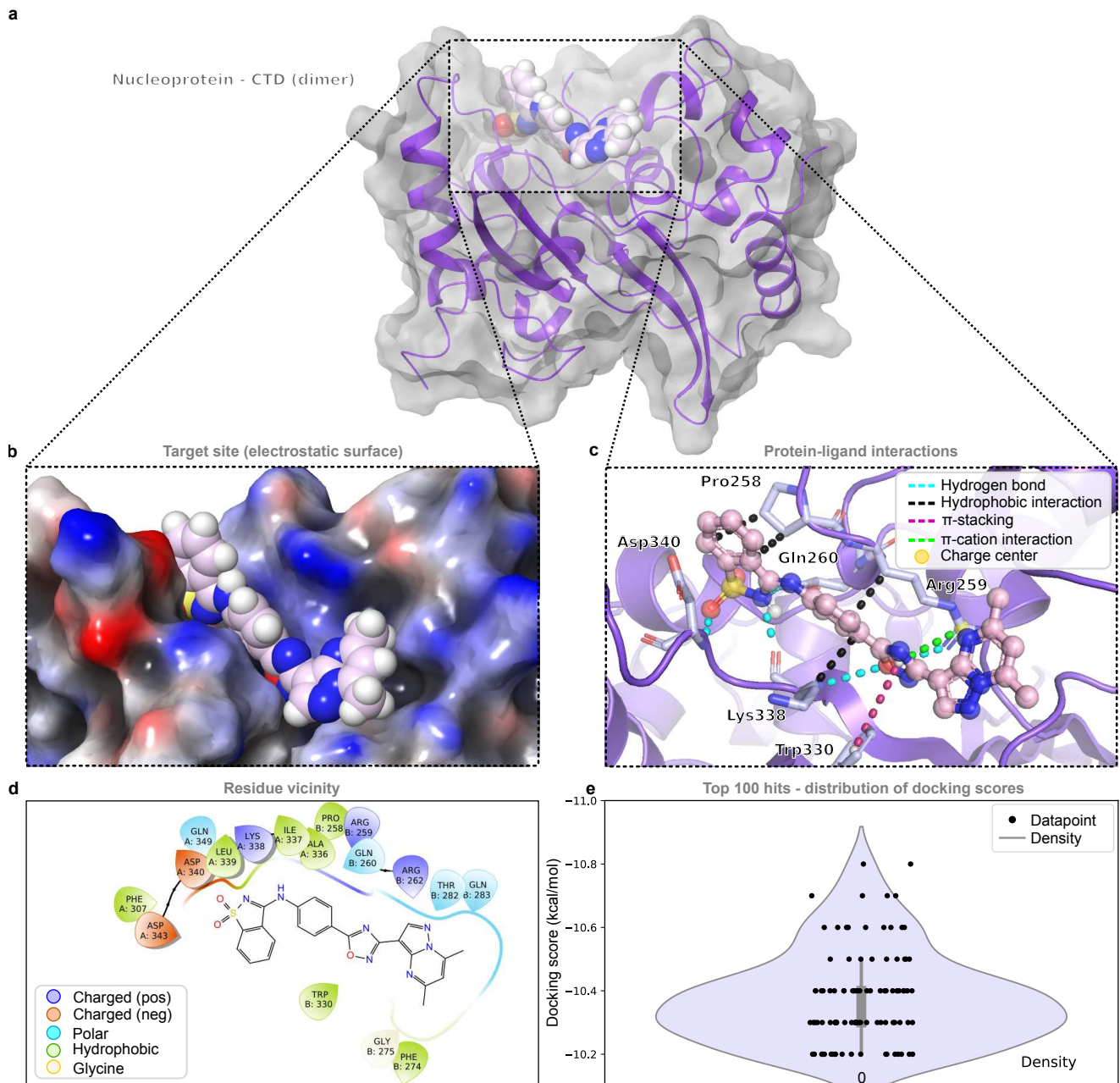


Fig. 25. C-terminal domain of the nucleoprotein and an example compound from the top 0.0001% of screened compounds bound at the oligomerization interface. **a**, The C-terminal domain (CTD) dimer of nucleoprotein (violet) bound to an example compound (light pink) at the oligomerization interface (Screen ID: 45). **b**, Electrostatic surface of the CTD dimer of nucleoprotein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the CTD structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.

Pase, and DNA helicase (86). It is also known to interact with nsp12 (87). The helicase is 603 amino acids long, contains an N-terminal zinc binding domain, a stalk domain, RecA-like domains 1A, 1B and 2A, and forms a triangular shaped structure (Fig. 18) (88). There are multiple potential sites that could be targeted on this protein. We therefore chose to target the active (ATP binding) site (Screen ID: 33) (Fig. 18), and two sites on the RNA interaction interface (Screen IDs: 34 and 35) (Supplementary Figs. 19, 19).

Even though we used a homology model, this model is expected to be reliable because the helicase of SARS-CoV-2 shares 99.8% sequence identity with the template used

(PDB:6JYT, structure of SARS-CoV nsp13). However there are currently no helicase structures available for CoVs with nucleic acid bound, and this uncertainty about the residues actually participating in RNA binding is a confounding factor while screening against this target. According to previously reported hydrogen-deuterium exchange experiments, the 1A and 2A domains undergo a series of conformational changes during nucleotide binding and ATP hydrolysis (88), and this inherent flexibility could impact the plasticity of the screened binding pockets and therefore the reliability of the model screened. Our two virtual screens for the RNA binding interface (Screen IDs: 34 and 35) resulted in top 100 hits

with an average binding free energy of -10.225 and -10.704 kcal/mol, respectively, and the screen for the active site inhibitors (Screen ID: 33) resulted in an average binding energy of -10.224 kcal/mol.

nsp9: ssRNA binding protein. nsp9 is known to co-localize with nsp7, nsp8 and nsp10 within the replication complex and is presumed to play a role in RNA replication (89). A study on SARS-CoV nsp9 has shown that nsp9 is an ssRNA-binding protein indispensable for viral RNA replication in mouse models (90). There are several high resolution crystal structures available for nsp9 (91, 92), including those of the protein from SARS-CoV-2 (PDB: 6W4B, 6W9Q). Since dimerization has been found to be essential for viral replication (93), we chose to target the dimerization interface as a method of inhibiting viral replication.

nsp9 contains seven antiparallel β -strands and an α -helix (Supplementary Fig. 8). The dimer interface is formed mainly by the parallel association of the C-terminal α -helices (Fig. 11), and this surface, in particular the GXXXG motif, was targeted using VirtualFlow (Screen ID: 23). We also targeted a shallow cavity around Phe75 that partially overlaps with the first targeted site centered on the α -helix (Screen ID: 24). This second site interacts with the NTD of the other nsp9 monomer, and is more concave in shape than the first site, making it more pocket-like. The average docking scores of the top 100 compounds of the second targeted site is -9.2 kcal/mol, making it slightly stronger than the first site with an average of -9.1 kcal/mol (see also Supplementary Fig. 21).

The C-terminal α -helix, which is responsible for dimerization has a high hydrophobic amino acid content, and the dimer is mainly facilitated by hydrophobic interactions. Targeting this region may lead to hits that are hydrophobic and interacting in a non-specific manner, something that would need to be addressed during follow-up experimental validation. Targeting the dimerization interface is made more difficult because it is not clear if the monomer alone adopts a different conformational state compared to the structure in dimeric form, which was targeted here. The interface is relatively hydrophobic and lacks deep pockets, making it challenging to find specific tight binding compounds.

Disrupting the ability of coronaviruses to evade or subvert host defenses

Initial studies on SARS-CoV-2 in *ex-vivo* systems and on clinical samples suggest that infection produces lower levels of interferon and differential cytokine/chemokine profiles, even when compared to the closely related SARS-CoV (94, 95). This suggests that SARS-CoV-2 is able to escape, at least initial, host immune surveillance, and when combined with robust early replication (95, 96), allows the virus to establish a strong foothold in the host, forcing the immune system play catch-up. In light of this, targeting SARS-CoV-2 immune evasion factors, particularly in combination with other inhibitors, could have clinical benefits.

Coronaviruses have an RNA genome and during its life cycle produce RNA species normally absent in the host cell's

cytoplasm, such as dsRNA and RNA with a 5'-triphosphate. Sensing of RNA intermediates such as these is one way in which the host cell can detect viral infection and initiate an antiviral immune program (97). An effective way in which coronaviruses avoid recognition by these intrinsic immune sensors is by using methyl transferases to add a cap-structure to viral RNA in order to mimic the cell's own mRNA (98). Coronaviruses also encode an endoribonuclease, which prevents the accumulation of viral RNA that could activate dsRNA sensors in the cell (99). The deubiquitination and deISGylation activities of PL^{pro} further interfere with the host antiviral response by antagonizing the induction of type I interferon (IFN) pathways (100). With the goal of preventing coronavirus from being able to evade or subvert host defense mechanisms, we targeted the following four proteins: a) the guanine-N7 methyltransferase/ExoN (nsp10-14) complex, b) the 2'-O-ribose methyltransferase (nsp16), c) the uridylylate-specific endoribonuclease (NendoU/nsp15), and d) the deubiquitination and deISGylation activities of PL^{pro}.

Guanine-N7 methyltransferase/ExoN (nsp10-14 complex). nsp14 is critical for viral replication and transcription, as it plays dual roles in proofreading and mRNA capping (101–103). Disruption of nsp14 exonuclease activity (104) has been shown to result in increased sensitivity of the virus to Ribavirin (RBV) and 5-fluorouracil (5-FU) (81), demonstrating the importance of this 3'-mismatched dsRNA excision activity (105). The ExoN activity relies on heterodimer formation of nsp14 with nsp10, and disruption of this interaction has been demonstrated to result in lowered replication fidelity (106). Unlike many other RNA viruses, coronaviruses have a low mutation rate by virtue of this ExoN activity, which supported the expansion of coronavirus genomes (107) and is directly linked to its virulence (108). Previous work with SARS-CoV has suggested that the limited efficacy of RBV *in vivo* may be due to excision by this ExoN activity (109), and work in MHV has shown that a mutant strain lacking ExoN activity was more sensitive to Remdesivir (110). These data suggest that use of a nucleoside analogue might be more effective if combined with an ExoN inhibitor (107). nsp14 also functions as a SAM-dependent guanine-N7 methyltransferase (N7-MTase) (103). Mutation studies in a replicon system have shown that this N7-MTase activity is critical for viral replication and transcription (103). This activity is used to add a cap 0 structure at the 5' end of viral mRNA, thus mimicking a defining structural feature of host mRNAs and assisting translation (111) as well as in evading host defenses (112). For nsp14 we targeted three sites, i) targeted the active site of the ExoN domain (Screen ID: 37) (Fig. 22) ii) the active site on the methyltransferase domain (Screen ID: 38)16 and iii) the PPI interface with nsp10 (Screen ID: 36)15.

In the bimodular nsp14, the N-terminal domain of nsp14 up to Lys288 interacts solely with nsp10 and forms the ExoN domain, whereas the C-terminal domain possess the N7-MTase activity. The ExoN domain is comprised of a twisted parallel β -sheet made up of five β -strands and are bordered by α -helices on both the sides (Fig. 22, Supplementary Figs.

15, 16) (113). The N7-MTase domain of nsp14 is made up of five β -strands, and the ligand binding pocket is situated between the β 1 and β 2 sheets (113). We screened against three distinct sites on nsp14: the nsp10 binding interface (Screen ID: 36)(Supplementary Fig. 15), the active site of the ExoN domain (Screen ID: 37) (Supplementary Fig. 16), and the active site of the N7-MTase domain (Screen ID: 38) (Fig. 10). As there are not yet any experimental structures available for the SARS-CoV-2 nsp10-14 complex, we used a high confidence homology model constructed from the SARS-CoV ExoN/N7-MTase structure (PDB:5C8U) for our docking experiments. It should be noted that while nsp10 is 97% conserved between the two viruses, nsp14 is only 73% identical.

The nsp10 interaction site on nsp14 has a shallow pocket that is fairly hydrophobic, resulting in relatively high docking scores for the top scoring compounds. However, due to the sparsity of polar atoms at this site, it is challenging to find compounds that form sufficient electrostatic interactions to provide the compounds with specificity. By comparison, the ExoN active site is more polar in nature, and forms a wide shallow pocket. This should lead to a larger proportion of the hits that bind with high specificity, but the absence of a deep pocket would affect the binding affinity. The third target site, the active site of the N7-MTase domain of nsp14, also harbors a relatively large hydrophobic cavity, but with with polar elements. The suitability of each of these nsp14 pockets to accommodate ligands is reflected in their mean docking scores (for the top 100 hits for each target site): -10.4 kcal/mol for the PPI site, -13.4 kcal/mol for the N7-MTase active site, and -9.8 kcal/mol for the ExoN active site.

2'-O-ribose methyltransferase (nsp16). RNA cap modifications are known to play a role in the host cell's identification of self-RNA. For example, foreign RNA which lacks 2'-O methylation is inhibited by IFIT1 (114). Pathogenic viruses such as coronaviruses that replicate in the cytoplasm have developed tactics to escape recognition by the host innate immune system. One such coronaviral mechanism is 2'-O-methyl capping of viral RNA by the nsp10-nsp16 complex. nsp16 is an m⁷GpppA-specific, SAM-dependent, 2'-O-MTase that must form a complex with nsp10 for its function (115, 116). We therefore targeted the nsp10 binding interface on nsp16 (Supplementary Fig. 17).

nsp16 has a catalytic core comprised of a β -sheet flanked by eleven α -helices (Fig. 23, Supplementary Fig. 17). nsp10 has a small antiparallel β -sheet sandwiched between several α -helices and a large loop. The interaction surface of nsp10 with nsp16 is a mixture of hydrophobic, polar, and positively charged, and helps in the stabilization of the SAM binding site (PDB:6W75). However, since the interface is relatively flat and polar, it is rather challenging to find small molecules that bind with sufficient strength.

Earlier structural studies showed that stabilization of the SAM-binding pocket by the nsp10-16 interaction also expands the RNA-binding pocket of nsp16 (117), and short peptides derived from the interaction interface have been shown to inhibit 2'-O-methyltransferase activity of the nsp10-16 complex (118). Therefore, in addition to targeting the in-

teraction interface of nsp10 and nsp16 (Screen ID: 40), we also targeted the putative SAM binding site (Screen ID: 41, Supplementary Fig. 17). SAM binding has been shown to be essential for both nsp10-16 complex formation as well its catalytic function in another highly pathogenic coronavirus, MERS-CoV (119).

Uridylate-specific endoribonuclease. nsp15 is a uridylate-specific endoribonuclease (NendoU) carrying a C-terminal catalytic EndoU domain that has been described as having various roles in immune evasion in different coronaviruses. A recent study in mouse hepatitis virus (MHV), a murine coronavirus, showed that nsp15 was critical for evasion from host dsRNA sensors in macrophages (120), and in porcine deltacoronavirus, nsp15 was found to inhibit IFN- β production (121). The SARS-CoV-2 nsp15 monomer is composed of three distinct domains: a) an N-terminal domain containing an antiparallel β -sheet and two α -helices, b) a central domain composed of 10 β -strands and three short helices, and c) a C-terminal NendoU domain composed of two antiparallel β -sheets and five α -helices (PDB:6VWW) (122). The SARS-CoV-2 nsp15 monomer is capable of forming dimeric, trimeric, and double-ring hexameric assemblies. It has been shown that the hexameric form is essential for enzymatic activity and that the hexamer is stabilized by interactions of the N-terminal oligomerization domain (123). The NendoU active site itself is located in a groove between the two β -sheets, and conserved, crucial residues have been previously identified: His235, His250, Lys290, Thr341, Tyr343, and Ser294. With the aim of disrupting the endoribonuclease activity of nsp15, the active site was targeted in an *in silico* screen (Screen ID: 39, Fig. 20).

Deubiquitination and DeISGylation activities of PL^{pro}. PL^{pro} (nsp3) cleaves at a consensus cleavage motif, LXGG, which is also the consensus sequence recognized by cellular deubiquitinating enzymes (DUBs). Coronaviruses attenuate the host anti-viral response by deubiquitinating key components of the interferon-mediated immune response. While PL^{pro} uses its catalytic site for its deubiquitination function, ubiquitin itself makes contacts with the "palm" and "fingers" regions of PL^{pro} (124). This protein-protein interface is well conserved in SARS-CoV-2 and could be targeted in order to inhibit the deubiquitination function of nsp3. SARS-CoV has also been shown to possess deISGylation activity, in which ISG-15, a protein modifier consisting of two tandem ubiquitin-like domains involved in modulating the innate immune response, is cleaved (125). We therefore targeted the proximal 'S1' Ub contact site (S1Ub) of the "palm" of nsp3 (Fig. 8), inhibition of which could effectively block both the deubiquitination as well as deISGylation activities of PL^{pro} (Screen ID: 14). The binding interface is moderately hydrophobic and concave, making it an attractive drug target.

nsp3 macrodomain. The macrodomain, sometimes also called the X domain, is a highly conserved region of ~180 amino acids that binds to ADP ribose (126) and which has

been shown to be dispensable in RNA replication, at least in the context of an RNA replicon (127). However, it has been shown to have possible roles in evading host innate immune response (128, 129). Viral macrodomains are known to have two major enzymatic activities: i) ADP-ribose-1" phosphatase activity where the phosphate is removed from ADP-ribose-1" phosphate, and ii) ADP-ribose hydrolase activity where ADP ribose is removed from mono- or poly-ADP-ribosylated proteins (130).

Previous biochemical studies showed that the nsp3 macrodomain is responsible for processing of ADP-ribose-1"-phosphate, which is a byproduct of pre-tRNA splicing (131, 132). This phosphatase activity has been found to be specific for ADP-ribose-1"-phosphate, however the turnover was found to be very low (133, 134) with a k_{cat} of 1.7 to 20 min^{-1} , making it unlikely that this activity has a strong direct effect on viral virulence.

ADP-ribosylation is a critical post-translational modification catalyzed mainly by poly (ADP-ribose) polymerases (PARPs) in which ADP-ribose is added to a protein (135). Several PARPs are known to be interferon-stimulated genes (ISGs), and some PARPs have been shown to have antiviral activities. Studies in SARS-CoV and MERS-CoV have shown that these viruses were less virulent in the absence of the macrodomain and that this directly associated with changes in pro-inflammatory cytokine expression (136, 137). Additional studies in HCoV-299E and SARS-CoV suggested that the nsp3 macrodomain may mediate the resistance to antiviral interferon responses (128). Mutation of the macrodomain in SARS-CoV also induced a strong interferon and inflammatory cytokine response in the lungs of infected mice (136). However, the exact mechanism linking the hydrolase/phosphatase activity of nsp3 and the observed cytokine production is unknown. The fact that a) the macrodomain participates in reversing antiviral ADP ribosylation (130, 138), and b) mutation of a highly conserved asparagine residue abolishes phosphatase and hydrolase activities and mitigates viral virulence (136, 139), suggests that targeting the ADP-ribose binding pocket could be an effective therapeutic strategy, particularly in combination with other targets. We observed two different conformations for the active site in the same X-ray structure, which indicated protein dynamics that could affect the ability of the docking to accurately recapitulate the solution-state structure. We therefore targeted both conformations of the active site of the macrodomain: one in which the active site is more closed (Screen ID: 11; Fig. 10), and a second conformation in which the active site is more open (Screen ID: 12; Supplementary Fig. 7). It is also important to note that the active site itself is very hydrophobic, which increases the risk that the resulting hits could bind non-specifically to membranes and hydrophobic pockets in other proteins, and this should be accounted for in any follow-up screening.

ORF7a. ORF7a is a non-essential accessory protein with a transmembrane helix at the C-terminus that is known to localize to the ER, Golgi, and cell surface (140, 141). The assembly of ORF7a into viral particles suggests that the protein

is important in the viral replication cycle, and that it might have a function early on in the infection (142). In SARS-CoV, ORF7a is known to interact with a 'host restriction factor', bone marrow stromal antigen 2 (BST-2) (141), which inhibits viral replication by preventing virus budding from the plasma membrane (143). ORF7a, which otherwise localizes to the Golgi, has also been shown to localize to the ER when co-expressed with BST-2. Moreover, ORF7a interferes with the glycosylation of BST-2, which is essential for its tethering/restriction function (141). There are also indications that ORF7a may play a role in virus-induced apoptosis (144); however, further studies are needed to understand the mechanism of this role.

Structurally, ORF7a has an N-terminal signal peptide, an 80 amino-acid long luminal domain, a transmembrane domain, and a short C-terminal cytoplasmic tail (140). In the recent experimental structure of the SARS-COV-2 ORF7a (PDB:6W37, (145)), the luminal domain displays structural characteristics similar to that of previously published ORF7a structures, and is composed of a seven-stranded β -sandwich (Fig. 21) with topological similarities to the Ig super family. Interestingly, a very recent genomic analysis of a sample picked up during sentinel surveillance in the state of Arizona in the USA revealed a 27 amino-acid in-frame deletion in ORF7a, in a region pertaining to the N-terminal signal peptide (146). The functional consequences of this deletion, however, are not known. Since the molecular mechanism of the ORF7a interaction is largely unknown, we pursued a blind docking strategy for this protein that covers the complete protein structure (Screen ID: 9) (Fig. 21). Interestingly, almost all top scoring compounds bound at a shallow cavity around Phe46, while a few bound to the opposite side near Leu31.

During an experimental validation phase, it will need to be verified whether these hits can inhibit the interaction of ORF7a with small glutamine-rich tetratricopeptide repeat-containing protein (SGT)(147) or lymphocyte associated antigen 1 (LFA-1) (148), both of which are thought to play a role in virus-host interactions and host cell-cycle modulation. The presence of ORF7a on the viral surface means that LFA-1 could possibly be a viral attachment factor in leucocytes (142, 148); however there is currently insufficient data available about the possible residues and the structural dynamics that would be involved in this interaction. Moreover, the rather flat surface of ORF7a devoid of pockets or clefts make it challenging for finding small molecules with selective and potent binding.

Disrupting the viral assembly and packaging

As the viral lifecycle progresses, the structural proteins (S, E, M) are also expressed. These structural proteins are initially inserted into the endoplasmic reticulum (ER), but transition to the ER-Golgi intermediate compartment (ERGIC) where they aid the formation of mature virions (149). Nucleocapsid protein (N) forms large oligomeric complexes with the replicated viral genome. The resulting ribonucleoprotein (RNP) complexes associate with M, facilitating packaging of

the genome into a complete virion assembly. Since there is very little structural information available about M and E, our efforts to find compounds that can disrupt the viral assembly and packaging are centered on the nucleocapsid protein.

Nucleocapsid protein. The nucleocapsid protein (N) packages the viral RNA into a helically ordered RNP (150) and plays a critical role in virion assembly by interacting with M. N is also known to play key roles in the regulation of viral RNA synthesis and modification of the host cell metabolism (151). The structure of N consists of an N-terminal RNA-binding domain (NTD, Fig. 24, Supplementary Fig. 18), an intrinsically disordered SR-rich linker, and a C-terminal dimerization domain (CTD, Fig. 25, Supplementary Fig. 19). The published crystal structure of the RNA-binding domain reveals a β -sheet core sandwiched between two loops. The β -sheet core has five antiparallel β -strands plus a short helix, and a longer β -hairpin between strands β 2 and β 5 (PDB:6M3M (152)). The central β -strands of the β -sheet core contain a purine/pyrimidine monophosphate binding site, and this ribonucleotide binding mechanism is essential for virulence, making it an attractive drug docking site (153). The NTD is also expected to interact with the CTD during RNA packaging. We have therefore targeted two minimally overlapping regions of the NTD, which together cover the entire surface of the NTD (screen IDs: 42 and 43) (Fig. 24, Supplementary Fig. 18). The first site includes the ribonucleotide-binding site reported in (153).

The CTD of N aids dimerization of the protein as well as RNA binding. The monomer consists of eight α -helices and a β -hairpin. The dimerization interface itself is composed of three helices (α 5, α 6 and α 7) and one β -hairpin from each monomer, and involves a combination of hydrogen bonds and hydrophobic interactions, which result in a very stable dimer (PDB:6WJI). That the C-terminal domain has also been found to bind RNA (154) points to the critical role of this domain in the overall helical packaging of the viral genome (155). We targeted the dimerization interface of the CTD by removing one monomer from the crystallized dimer structure (Screen ID: 44) (Supplementary Fig. 19), and also screened the dimerization interface via a blind docking procedure against the entire dimer surface (screen ID: 45) (Fig. 25). The goal of these screens was to identify a small molecule that will bind to the monomer at the dimer interface and disrupt the formation of the nucleocapsid. However, the structure of the monomer alone has not been solved and given the extent of the interaction at the dimer interface, we anticipate considerable dynamics in the monomer. Therefore the structure extracted from the dimer may not adequately describe the monomer structure yielding imperfect hits. The other challenge of this target is that each virion has ~65 spike trimers and with a ratio of S trimer to N of 1:4 (156, 157), this amounts to ~260 monomers or ~130 dimer interfaces. The abundance of contacts that would need to be disrupted means that a higher concentration of the inhibitor would be required for efficacy.

Discussion

We screened against 17 proteins, 15 proteins of SARS-CoV-2 and two human proteins, targeting a total of 40 sites across these proteins with approximately 1.1 billion molecules per site. Due to the unprecedented global situation, we wanted to make the screening results available to researchers as soon as possible. The top 100 filtered hits as ranked by the docking score for each target site can be seen in Fig. 21. The top 1000 hits per virtual screen, along with additional information such as the docking scores, molecular properties, and docking poses, can be found online at <https://vf4covid19.hms.harvard.edu/>. In addition, the top million hits for each target site are available for download from the same website in DataWarrior format.

As discussed earlier, not all the functional surfaces that were targeted had similar potential to accommodate a small molecule. The targeted site that yielded the weakest virtual hit compounds is the first (site 1) of the two targeted sites located on the spike interaction interface of ACE2. The reason for the relatively weak predicted binding affinities of the top scoring compounds is the flat and polar nature of this target site, which makes it very challenging for small molecules to bind sufficiently well to disrupt the interaction with the spike protein. The target yielding the virtual hits with the highest predicted binding affinities is the active site of the ExoN domain of nsp14. The high affinities are a product of the remarkably deep, buried pocket of this active site and the relatively high number of hydrophobic sites within that pocket. If we consider the top 1000 filtered hits, the weakest screen (ACE2, Screen ID: 2) had a mean docking score of -7.6 kcal/mol (2.3 μ M) while nsp14 (Screen ID: 37) had the best mean docking score of -12.9 kcal/mol (0.3 nM). Although the trend was the same, the mean docking scores were better for the top 100 hits: -8.2 kcal/mol (1.1 μ M) for ACE2 (Screen ID: 2) and -13.4 kcal/mol (0.14 nM) for nsp14 (Screen ID: 37). Finally, as expected, the mean docking scores were even better for the top 10 hits: -8.52 kcal/mol (0.5 μ M) for ACE2 (Screen ID: 2) and -14 kcal/mol (0.03 nM) for nsp14 (Screen ID: 37). The mean docking scores of the top 1000, 100, and 10 hits for each screen are shown in Fig. 21. Out of the 45 virtual screens, 41 had a mean docking score for the top 1000 compounds higher than -8.2 kcal/mol. These scores indicate that sub-micromolar binders should be identifiable from the hits for each target site. The hits derived from the rigid-docking procedures described here could be further improved for potency by a second-stage screen, in which the target proteins can be allowed to be flexible. This can be achieved either by ensemble docking or allowing flexible side chains. Another way of improving the docking results in second stage screenings consists of using alternative docking programs, such as AutoDock Vina, Smina or Gnina (40, 158, 159). For special types of ligands such as compounds containing carbohydrates or halogens, specialized docking programs such as VinaXB or Vina-Carb can be utilized to further increase the accuracy of the results (160, 161).

Small-molecule drug candidates that have been previously

pre-approved by the FDA or other regulatory bodies for other indications, and those molecules that have been vetted for use in humans, including preclinical candidates, neuropeptides, metabolites, and select natural products are particularly desirable hits in any inhibitor screen (162). This is because these compounds can be fast-tracked to clinical trials on the basis of previous data. Here we mined for such compounds in the top 1% of our hits from the “in stock” compounds of the ZINC library. We found 161 drugs (with 491 occurrences across all the screens) that are “world approved” in our top 1%. We further filtered these drug candidates to only those with a docking score better than -8 kcal/mol and show these 80 approved drugs along with their screening target and docking score in Supplementary Table 3. Of these 80 drugs, 16 of them are currently being considered in clinical trials for COVID-19. The complete list of “world approved” hits along with their binding targets and docking score is available at <https://vf4covid19.hms.harvard.edu/world-approved-drugs>.

Several hits from the “world approved” drugs are from the steroid family. Corticosteroids such as betamethasone, ciclesonid, flumetasone and meprednisone acetate are already being investigated as COVID-19 treatments (163–165). For example, we identified betamethasone as binding to nsp14, the bifunctional enzyme that acts as a methyltransferase and an exoribonuclease. Betamethasone binds to the active site of the exoribonuclease of nsp 14 (Supplementary Fig. 24). While the usefulness of corticosteroids is largely attributed to their anti-inflammatory effects in the host, these screening results suggest the possibility of additional mechanisms of action that involve viral proteins. Other steroid hormones in clinical trial such as estradiol or dutasteride also came up as hits in our screens.

Of the non-steroid approved drug hits, tyrosine kinase inhibitors occupy a significant fraction. Drugs such as imatinib (Glivec[®]) are being tested in clinical trials due to their *in vitro* efficacy against SARS-CoV and MERS-CoV (166, 167); however, their mode of action is not yet fully understood. In our screens, imatinib binds to two targets: i) nsp14, but this time at the active site of the methyltransferase, and ii) the RNA-binding interface of the helicase, nsp13.

Of the 3897 “investigational” drugs in the ZINC15 database, 137 were hits (500 occurrences) and of the 101378 “in-man” compounds, 401 were hits (1061 occurrences). A full list of these molecules, along with their respective target sites and docking scores is available at (<https://vf4covid19.hms.harvard.edu/investigational-drugs>). Multiple occurrences of a hit molecule partly stem from the different docking scenarios that we used for the same target site. In addition, some of the compounds may be represented more than once in the list because of a different tautomeric, isomeric, or protonation state, any of which earns the molecule a unique ID in the ZINC database. Despite the abundance of approved hits, some of which are already involved in or related to drugs in clinical trials, experimental confirmation of the specificity of hits from our screen against SARS-CoV-2 proteins is still

needed to determine an antiviral mechanism of action. As noted earlier, when testing these compounds in viral assays, one should bear in mind the nature of the targets and be cognizant of differential effects on viral viability versus viral virulence. Furthermore, correlating “pre-approved” hits from the virtual screens with patient data, particularly severity of infection and recovery time, through examination of patients’ regular medication and supplement regimens could reveal if any hit positively correlates with either a milder disease course or a faster time to recovery

When performing *in silico* screening, we generally choose a 3D surface on the target protein, referred to as the “docking box”, and evaluate the energetics of a molecule bound to that chosen surface. The docking box is judiciously chosen to target a known functional domain, either an active site, an allosteric site, or a protein-protein interaction interface. In practice, the docking box is typically extended to accommodate secondary interactions with the small molecule, especially when competing with a substrate. However, occasionally this results in identifying a tight binder that does not harbour any inhibitory function. It is important to take into account this possibility during follow-up experiments and test for binding using a direct binding assay such as ITC, SPR, MST or NMR. In particular, NMR and X-Ray structures can provide detailed information on the binding site and how the small molecule engages the target. It is possible to functionalize these non-inhibitory binders with warheads to degrade the targeted protein by established methods, referred to as proteolysis-targeting chimeras (PROTACS) (168, 169). However the effectiveness of these PROTACS will depend on the concentration, rate of turnover, and accessibility of the target viral proteins.

SARS-CoV-2 is not the first coronavirus to cause serious disease in the human population, and these other coronaviruses (SARS-CoV and MERS-CoV) have also been the subject of research into small molecule inhibitors. There have been several efforts in the past, both experimental and computational, to target specific viral proteins from these viruses. The proteins that were most often targeted in these efforts were the proteases, M^{Pro} (66, 170–172) and PL^{Pro} (170, 173–175), the polymerase (176, 177), the spike protein (59, 178, 179), the endoribonuclease (180), and the helicase (181–183) 2. Although direct binding affinities were not available for most of the molecules, the inhibitory potential, IC50, or the effective potential, EC50, were reported.

When the the exact binding site of a previously published inhibitor was reported, in order to determine if these SARS-CoV and MERS-CoV hits were also top hits against SARS-CoV-2, we calculated docking scores using the same computational methods used in the screens described here, allowing direct comparison with our hits. One of the best inhibitors for SARS-CoV M^{Pro} is an asymmetric aromatic disulfide molecule with an IC50 of $0.52 \pm 0.06 \mu\text{M}$ (171). When we docked this molecule against SARS-CoV-2 M^{Pro}, we got a docking score of -7.7 kcal/mol 2, whereas the top 100 hits from two of our recent screens described here, which targeted the active site of M^{Pro} (Screen IDs: 16 and 17), resulted in

a mean docking scores of -10.83 and -11.41 kcal/mol. Similarly, in the case of PL^{pro}, the best previously described active site inhibitor (173) has a binding free energy of -7.2 kcal/mol, while the top 100 compounds from two of our VirtualFlow screens (Screen IDs: 12 and 15) have a mean binding scores of -8.90 and -10.02 kcal/mol respectively. 21. These energies, in principle, should result in inhibitors with affinities two orders of magnitude higher than that of the original inhibitor from Ghosh, *et al.*. Lee, *et al.* described a novel helicase inhibitor that can block both the dSDNA unwinding and ATP hydrolysis activities of the SARS-CoV helicase (181). Docking of this molecule to the SARS CoV-2 helicase gave a score of -7.9 kcal/mol. We also targeted the active site of the SARS-CoV-2 helicase (Screen ID: 33), in addition to its RNA binding interface, and that screen resulted in a top 100 hits with a mean docking score of -10.22 kcal/mol. In addition, there have been multiple attempts to develop small molecule inhibitors that target the active site of the RdRp, considered a promising target, from both SARS-CoV and MERS-CoV (176, 177). Docking of the best molecules from these previously published studies against the SARS-CoV-2 RdRp resulted in docking scores of -6.1 and -6.8 kcal/mol, while our screens (Screen IDs 28 and 29) resulted in compounds with mean docking scores of -11.12 and -9.72 kcal/mol, respectively, for the top 100 hits. In general, our multi-target screening strategy resulted in hits with significantly higher docking scores than previously described hits re-tested against SARS-CoV-2 targets. However, the improvements in binding still needs to be experimentally validated.

In addition, there have already been multiple attempts to employ virtual screening of varying library sizes to identify approved drugs as well as discover new molecules that can effectively inhibit SARS-CoV-2 viral infection(66, 184–192), and more than one screen is focused solely on M^{pro} (184, 187, 190, 191). It is important to note that in the case of M^{pro}, the conformational plasticity of the active site means that screening against a single conformation, as is done in these studies, may be less effective at identifying functional hits. One work of note is that by Ton, *et al.* 1.3 billion compounds from the ZINC 15 library were screened against M^{pro} using a Deep Docking algorithm (188). While Deep Docking significantly accelerates the screening of ultra-large compound libraries, it relies heavily on the docking scores of a small random subset of compounds to eliminate a large chunk of the compounds early in the docking workflow, and this can be detrimental to finding an absolute docking score for individual compounds.

A recent mass-spectrometry-based study has identified several host proteins that interact with SARS-CoV-2 viral proteins, leading to the identification of multiple druggable host targets and a series of known modulating compounds for these targets that were then shown to have antiviral activity in cell-culture-based assays (193). The efficacy of these already approved host-directed compounds lends support to the development of these drugs as therapeutic interventions for SARS-CoV-2 infection. Coincidentally, some of the compounds from this mass spectrometry study were also identi-

fied as hits in our screens against diverse viral proteins. For example, 'Nafamostat', an approved anticoagulant identified in Gordon, *et al.* as having a possible impact on cell entry, was also identified in our screens as a hit with good scores against three viral proteins: ORF7a, PL^{pro}, and nucleoprotein. This compound is already undergoing clinical trials for COVID-19 (Ref:NCT04352400, NCT04418128). Similarly, 'progesterone', a common birth control drug that is also known to have anti-inflammatory properties was identified in the proteomics study as a ligand with antiviral activity that targets sigma-1 or sigma-2 receptors. In our screens, this compound was identified as an inhibitor for nsp16, nsp7 and spike. Progesterone is also in clinical trials for treatment of COVID-19 (NCT04365127). Silmitasertib (CX-4945), an inhibitor of casein kinase II (CK2), was identified both in the proteomics study as well as in another recent study that mapped the host phosphorylation landscape in the context of SARS-CoV-2 infection (193, 194). Silmitasertib was originally developed to be used in combination with chemotherapy. Here, we identify that Silmitasertib could potentially bind to nsp16. If some of these host-protein-targeted compounds can also directly inhibit some viral proteins, as suggested by the docking scores derived from our screens, this could form the basis for a unique regimen of multi-target drugs to treat COVID-19 that acts on both viral as well as host proteins simultaneously. A list of compounds that are common to both the interactome study and our virtual screens, along with their potential targets are provided in Supplementary Table 4.

Our ultra-large library size and the multi-pronged screening approach is not only unprecedented in terms of scale, significantly enhancing the chances of finding an effective antiviral, but also provides a pool of potential antiviral compounds that could be developed further as pan-coronavirus drugs as well as combination therapies. Combination regimens of reverse transcriptase inhibitors and protease inhibitors have been found to be effective as anti-retroviral therapy for human immunodeficiency virus (HIV) and has lead to dramatic improvement in HIV infected patient health and survival worldwide (195–197). Clinical studies have also shown that in case of severe influenza, a combination of multiple antiviral drugs is much more effective than a single one (198, 199). Therefore, it could also be beneficial to develop a combination therapy to treat severely affected COVID-19 patients. Considering that the success or efficacy of any future SARS-CoV-2 vaccines is still unknown, combination therapeutic strategies for the control and treatment of coronavirus infections should be developed in parallel. The mutating nature of coronaviruses and the potential for the emergence of novel coronaviruses in the future make the development of broad spectrum antivirals desirable. For a protein to qualify as a candidate target for pan-coronavirus drug development, it should be i) critical for the viral replication or virulence, and ii) highly conserved across all known CoVs and likely to be conserved in emerging CoVs. While the structural proteins (S, N, M and E) are not as well conserved, the accessory proteins are conserved to an even lesser ex-

tent across different CoV species (ProViz, (200)). Highly conserved nonstructural proteins and conserved host proteins would therefore be ideal targets for the development of broad spectrum CoV drugs (201). While studies (202) have suggested that the S and N genes of SARS-CoV-2 are undergoing episodic selection during human transmission, recent analyses of genome samples from across the world suggest that the greatest genetic diversity is occurring in S, ORF3a and ORF8 (203). Structural genomic analysis across multiple virus classes, including SARS-CoV-2, have shown that intra-viral interactions are more conserved than viral host-interactions (204–207). The protein-protein interaction interfaces involved in the heteromeric RNA polymerase complex (composed of nsp7, nsp8 and nsp12) are evolutionarily conserved (204) and our top hits against these crucial PPIs represent promising candidates for the development of pan-coronavirus inhibitors. Similarly, structural genomic analysis of the methyl transferase complexes (nsp10-nsp14 and nsp10-nsp16) also reveals PPIs that are fully conserved and with mutations limited to the the surface (204). Moreover, the substrate binding regions we used for PL^{PRO}, M^{PRO}, nsp14, nsp16 and the RNA binding site of the nucleocapsid protein have all been shown to be highly conserved (207), and the derived small molecules could also potentially be developed as pan-coronavirus therapeutics. Since most human coronaviruses differ in their use of host cell receptors and priming proteases (19), identifying a cell-based assay or functional animal model for developing pan-coronavirus therapeutics could be challenging. The use of normal human bronchial epithelia (NHBE) cells as a potential universal screening platform for multiple classes of coronaviruses is promising (208–210), and the general need for high-throughput *ex vivo* testing models will hopefully drive development in this area.

The work described here is only the first step in the drug discovery process. Virtual screening seeks to use structure and modelling-guided approaches to identify higher quality starting hits. Hits from these screens still need to be experimentally validated for binding, inhibition, and activity in the context of viral infection. Some of these targets, which affect viral immune evasion rather than replication, may need more complex evaluation in cell culture or in animal models to determine efficacy. While our own experimental validation of hits from these screens has begun, we believe that making these results available to a broader audience for experimentation is important in light of the current pandemic.

Conclusions

The alarming global spread of SARS-CoV-2 and the dearth of effective prophylaxis or treatment methods has resulted in a pressing need for accelerated drug discovery. Here we make use of the recent chemical space revolution that resulted in ultra-large make-on-demand libraries, to prioritize lead molecules and minimize the transition time from discovery to clinic. We have used the available-to-date SARS-CoV-2 structure to carry out detailed structure-based virtual screening against 17 different target proteins, frequently at multiple target sites, by leveraging the versatility of our re-

cently developed *in silico* screening platform, VirtualFlow. The set of small molecule hits that we present here can aid drug development happening at multiple institutions worldwide, and the set of prospective drug molecules derived from this ultra-large multi-target screening campaign will potentially contribute to the building of a future arsenal of anti-coronaviral drugs, ready to tackle future outbreaks.

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Bibliography

- Peng Zhou, Xing-Lou Yang, Xian-Guang Wang, Ben Hu, Lei Zhang, Wei Zhang, Hao-Rui Si, Yan Zhu, Bei Li, Chao-Lin Huang, Hui-Dong Chen, Jing Chen, Yun Luo, Hua Guo, Ren-Di Jiang, Mei-Qin Liu, Ying Chen, Xu-Rui Shen, Xi Wang, Xiao-Shuang Zheng, Kai Zhao, Quan-Jiao Chen, Fei Deng, Lin-Lin Liu, Bing Yan, Fa-Xian Zhan, Yan-Yi Wang, Geng-Fu Xiao, and Zheng-Li Shi. A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature*, 579(7798):270–273, 2020. ISSN 0028-0836 1476-4687. doi: 10.1038/s41586-020-2012-7.
- Fan Wu, Su Zhao, Bin Yu, Yan-Mei Chen, Wen Wang, Zhi-Gang Song, Yi Hu, Zhao-Wu Tao, Jun-Hua Tian, Yuan-Yuan Pei, Ming-Li Yuan, Yu-Ling Zhang, Fa-Hui Dai, Yi Liu, Qi-Min Wang, Jiao-Jiao Zheng, Lin Xu, Edward C. Holmes, and Yong-Zhen Zhang. A new coronavirus associated with human respiratory disease in China. *Nature*, 579(7798):265–269, 2020. ISSN 0028-0836 1476-4687. doi: 10.1038/s41586-020-2008-3.
- Kristian G. Andersen, Andrew Rambaut, W. Ian Lipkin, Edward C. Holmes, and Robert F. Garry. The proximal origin of SARS-CoV-2. *Nature Medicine*, 26(4):450–452, apr 2020. ISSN 1078-8956. doi: 10.1038/s41591-020-0820-9.
- Na Zhu, Dingyu Zhang, Wenling Wang, Xingwang Li, Bo Yang, Jingdong Song, Xiang Zhao, Baoying Huang, Weifeng Shi, Roujian Lu, Peihua Niu, Faxian Zhan, Xuejun Ma, Dayan Wang, Wenbo Xu, Guizhen Wu, George F. Gao, and Wenjie Tan. A novel coronavirus from patients with pneumonia in China, 2019. *New England Journal of Medicine*, 382(8):727–733, 2020. ISSN 0028-4793 1533-4406. doi: 10.1056/NEJMoa2001017.
- Ensheng Dong, Hongru Du, and Lauren Gardner. An interactive web-based dashboard to track COVID-19 in real time. *The Lancet Infectious Diseases*, 20(5):533–534, 2020. ISSN 14733099. doi: 10.1016/s1473-3099(20)30120-1.
- Ensheng Dong, Hongru Du, and Lauren Gardner. COVID-19 dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU), 2020. <https://coronavirus.jhu.edu/map.html>.
- Coronaviridae Study Group of the International Committee on Taxonomy of Viruses. The species *severe acute respiratory syndrome-related coronavirus*: classifying 2019-nCoV and naming it SARS-CoV-2. *Nature Microbiology*, 5(4):536–544, 2020. ISSN 2058-5276. doi: 10.1038/s41564-020-0695-z.
- Chaolin Huang, Yeming Wang, Xingwang Li, Lili Ren, Jianping Zhao, Yi Hu, Li Zhang, Guohui Fan, Jiuyang Xu, Xiaoying Gu, Zhenshun Cheng, Ting Yu, Jiaan Xia, Yuan Wei, Wenjuan Wu, Xuelei Xie, Wen Yin, Hui Li, Min Liu, Yan Xiao, Hong Gao, Li Guo, Jügang Xie, Guangfa Wang, Rongmeng Jiang, Zhancheng Gao, Qi Jin, Jianwei Wang, and Bin Cao. Clinical features of patients infected with 2019 novel coronavirus in wuhan, china. *The Lancet*, 395(10223):497–506, February 2020. doi: 10.1016/s0140-6736(20)30183-5.
- Roman Wölfel, Victor M. Corman, Wolfgang Guggemos, Michael Seilmaier, Sabine Zange, Marcel A. Müller, Daniela Niemeyer, Terry C. Jones, Patrick Vollmar, Camilla Rothe,

- Michael Hoelscher, Tobias Bleicker, Sebastian Brünink, Julia Schneider, Rosina Ehmann, Katrin Zwirgmaier, Christian Drosten, and Clemens Wendtner. Virological assessment of hospitalized patients with COVID-2019. *Nature*, 2020. ISSN 0028-0836 1476-4687. doi: 10.1038/s41586-020-2196-x.
10. Michael S. Xydakis, Puya Dehghani-Mobaraki, Eric H. Holbrook, Urban W. Geithoff, Christian Bauer, Charlotte Hautefort, Philippe Herman, Geoffrey T. Manley, Dina M. Lyon, and Claire Hopkins. Smell and taste dysfunction in patients with COVID-19. *The Lancet Infectious Diseases*, 2020. ISSN 14733099. doi: 10.1016/s1473-3099(20)30293-0.
 11. Camilla Rothe, Mirjam Schunk, Peter Sothmann, Gisela Bretzel, Guenter Froeschl, Claudia Wallrauch, Thorbjörn Zimmer, Verena Thiel, Christian Janke, Wolfgang Guggemos, Michael Seilmaier, Christian Drosten, Patrick Vollmar, Katrin Zwirgmaier, Sabine Zange, Roman Wölfel, and Michael Hoelscher. Transmission of 2019-nCoV infection from an asymptomatic contact in germany. *New England Journal of Medicine*, 382(10):970–971, 2020. ISSN 0028-4793 1533-4406. doi: 10.1056/NEJMc2001468.
 12. X. Zhou, Y. Li, T. Li, and W. Zhang. Follow-up of asymptomatic patients with SARS-CoV-2 infection. *Clin Microbiol Infect*, 20:30169–5, March 2020. doi: 10.1016/j.cmi.2020.03.024. Online ahead of print.
 13. E. J. Snijder, E. Decroly, and J. Ziebuhr. The nonstructural proteins directing coronavirus RNA synthesis and processing. *Advances in Virus Research*, 96:59–126, 2016. ISSN 00653527. doi: 10.1016/bs.avir.2016.08.008.
 14. J. D. Almedia, D. M. Berry, C. H. Cunningham, D. Hamre, M. S. Hofstad, L. Mallucci, K. McIntosh, and D. A. J. Tyrrell. Coronaviruses. *Nature*, 220:650, 1968.
 15. Paul S. Masters. The molecular biology of coronaviruses. *Advances in Virus Research*, 66:193–292, 2006. ISSN 00653527. doi: 10.1016/s0065-3527(06)66005-3.
 16. B. W. Neuman and M. J. Buchmeier. Supramolecular architecture of the coronavirus particle. *Advances in Virus Research*, 96:1–27, 2016. ISSN 00653527. doi: 10.1016/bs.avir.2016.08.005.
 17. Renhong Yan, Yuan Yuan Zhang, Yanning Li, Lu Xia, Yingying Guo, and Qiang Zhou. Structural basis for the recognition of SARS-CoV-2 by full-length human ACE2. *Science*, 367(6485):1444–1448, March 2020. doi: 10.1126/science.abb2762.
 18. Alexandra C. Walls, Young-Jun Park, M. Alejandra Tortorici, Abigail Wall, Andrew T. McGuire, and David Veasler. Structure, function, and antigenicity of the SARS-CoV-2 spike glycoprotein. *Cell*, 181(2):281–292.e6, 2020. ISSN 00928674. doi: 10.1016/j.cell.2020.02.058.
 19. Jean Kaoru Millet and Gary R. Whittaker. Host cell proteases: Critical determinants of coronavirus tropism and pathogenesis. *Virus Research*, 202:120–134, 2015. ISSN 01681702. doi: 10.1016/j.virusres.2014.11.021.
 20. Adriaan H. de Wilde, Eric J. Snijder, Marjolijn Kikkert, and Martijn J. van Hemert. Host factors in coronavirus replication. In Ralph A. Tripp and S. Mark Tompkins, editors, *Roles of Host Gene and Non-coding RNA Expression in Virus Infection*, volume 419, pages 1–42. SpringerNATURE, 2017. doi: 10.1007/82_2017_25.
 21. Shuo Su, Gary Wong, Weifeng Shi, Jun Liu, Alexander C. K. Lai, Jiyong Zhou, Wenjun Liu, Yuhai Bi, and George F. Gao. Epidemiology, genetic recombination, and pathogenesis of coronaviruses. *Trends in Microbiology*, 24(6):490–502, 2016. ISSN 0966842X. doi: 10.1016/j.tim.2016.03.003.
 22. T. G. Ksiazek, D. Erdman, C. S. Goldsmith, S. R. Zaki, T. Peret, S. Emery, S. Tong, C. Urbani, J. A. Comer, W. Lim, P. E. Rollin, S. F. Dowell, A. E. Ling, C. D. Humphrey, W. J. Shieh, J. Guarnier, C. D. Paddock, P. Rota, B. Fields, J. DeRisi, J. Y. Yang, N. Cox, J. M. Hughes, J. W. LeDuc, W. J. Bellini, L. J. Anderson, and SARS Working Group. A novel coronavirus associated with severe acute respiratory syndrome. *N Engl J Med*, 348(20):1953–66, 2003. ISSN 1533-4406 (Electronic) 0028-4793 (Linking). doi: 10.1056/NEJMoa030781.
 23. Thijs Kuiken, Ron A. M. Fouchier, Martin Schutten, Guus F. Rimmelzwaan, Geert van Amerongen, Debby van Riel, Jon D. Laman, Ton de Jong, Gerard van Doornum, Wilina Lim, Ai Ee Ling, Paul K. S. Chan, John S. Tam, Maria C. Zambon, Robin Gopal, Christian Drosten, Sylvie van der Werf, Nicolas Escriou, Jean-Claude Manuguerra, Klaus Stöhr, J. S. Malik Peiris, and Albert D. M. E. Osterhaus. Newly discovered coronavirus as the primary cause of severe acute respiratory syndrome. *The Lancet*, 362(9380):263–270, 2003. ISSN 01406736. doi: 10.1016/s0140-6736(03)13967-0.
 24. J. S. M. Peiris, S. T. Lai, L. M. Poon, Y. Guan, L. Y. C. Yam, W. Lim, J. Nicholls, W. K. S. Yee, W. W. Yan, M. T. Cheung, V. C. C. Cheng, K. H. Chan, D. N. C. Tsang, R. W. H. Yung, T. K. Ng, and K. Y. Yuen. Coronavirus as a possible cause of severe acute respiratory syndrome. *The Lancet*, 361(9366):1319–1325, 2003. ISSN 01406736. doi: 10.1016/s0140-6736(03)13077-2.
 25. Christian Drosten, Stephan Günther, Wolfgang Preiser, Sylvie van der Werf, Hans-Reinhard Brodt, Stephan Becker, Holger Rabenau, Marcus Panning, Larissa Kolesnikova, Ron A. M. Fouchier, Annemarie Berger, Ana-Maria Burguiera, Jindrich Cinatl, Markus Eickmann, Nicolas Escriou, Klaus Grywna, Stefanie Kramme, Jean-Claude Manuguerra, Stefanie Müller, Volker Rieckerts, Martin Stürmer, Simon Vieth, Hans-Dieter Klenk, Albert D. M. E. Osterhaus, Herbert Schmitz, and Hans Wilhelm Doerr. Identification of a novel coronavirus in patients with severe acute respiratory syndrome. *New England Journal of Medicine*, 348(20):1967–1976, 2003. ISSN 0028-4793 1533-4406. doi: 10.1056/NEJMoa030747.
 26. R. J. de Groot, S. C. Baker, R. S. Baric, C. S. Brown, C. Drosten, L. Enjuanes, R. A. M. Fouchier, M. Galiano, A. E. Gorbalenya, Z. A. Memish, S. Perlman, L. L. M. Poon, E. J. Snijder, G. M. Stephens, P. C. Y. Woo, A. M. Zaki, M. Zambon, and J. Ziebuhr. Middle East respiratory syndrome coronavirus (MERS-CoV): Announcement of the Coronavirus Study Group. *Journal of Virology*, 87(14):7790–7792, 2013. ISSN 0022-538X. doi: 10.1128/jvi.01244-13.
 27. Sander van Boheemen, Miranda de Graaf, Chris Lauber, Theo M. Bestebroer, V. Stalın Raj, Ali Moh Zaki, Albert D. M. E. Osterhaus, Bart L. Haagmans, Alexander E. Gorbalenya, Eric J. Snijder, Ron A. M. Fouchier, and Michael J. Buchmeier. Genomic characterization of a newly discovered coronavirus associated with acute respiratory distress syndrome in humans. *mBio*, 3(6), 2012. ISSN 2150-7511. doi: 10.1128/mBio.00473-12.
 28. Ali M. Zaki, Sander van Boheemen, Theo M. Bestebroer, Albert D. M. E. Osterhaus, and Ron A. M. Fouchier. Isolation of a novel coronavirus from a man with pneumonia in Saudi Arabia. *New England Journal of Medicine*, 367(19):1814–1820, 2012. ISSN 0028-4793 1533-4406. doi: 10.1056/NEJMoa1211721.
 29. Jie Cui, Fang Li, and Zheng-Li Shi. Origin and evolution of pathogenic coronaviruses. *Nature Reviews Microbiology*, 17(3):181–192, 2018. ISSN 1740-1526 1740-1534. doi: 10.1038/s41579-018-0118-9.
 30. Roujian Lu, Xiang Zhao, Juan Li, Peihua Niu, Bo Yang, Honglong Wu, Wenling Wang, Hao Song, Baoying Huang, Na Zhu, Yuhai Bi, Xuejun Ma, Faxian Zhan, Liang Wang, Tao Hu, Hong Zhou, Zhenhong Hu, Weimin Zhou, Li Zhao, Jing Chen, Yao Meng, Ji Wang, Yang Lin, Jianying Yuan, Zhihao Xie, Jinmin Ma, William J. Liu, Dayan Wang, Wenbo Xu, Edward C. Holmes, George F. Gao, Guizhen Wu, Weijun Chen, Weifeng Shi, and Wenjie Tan. Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. *The Lancet*, 395(10224):565–574, 2020. ISSN 01406736. doi: 10.1016/s0140-6736(20)30251-8.
 31. Isabel Delany, Rino Rappuoli, and Ennio De Gregorio. Vaccines for the 21st century. *EMBO Molecular Medicine*, 6(6):708–720, 2014. ISSN 1757-4676 1757-4684. doi: 10.1002/emmm.201403876.
 32. Yeming Wang, Dingyu Zhang, Guanhua Du, Ronghui Du, Jianping Zhao, Yang Jin, Shouzhi Fu, Ling Gao, Zhenshun Cheng, Qiaofa Lu, Yi Hu, Guangwei Luo, Ke Wang, Yang Lu, Huadong Li, Shuzhen Wang, Shunan Ruan, Chengqing Yang, Chunlin Mei, Yi Wang, Dan Ding, Feng Wu, Xin Tang, Xianzhi Ye, Yingchun Ye, Bing Liu, Jie Yang, Wen Yin, Aili Wang, Guohui Fan, Fei Zhou, Zhibo Liu, Xiaoying Gu, Jiuyang Xu, Lianhan Shang, Yi Zhang, Lianjun Cao, Tingting Guo, Yan Wan, Hong Qin, Yushen Jiang, Thomas Jaki, Frederick G. Hayden, Peter W. Horby, Bin Cao, and Chen Wang. Remdesivir in adults with severe COVID-19: a randomised, double-blind, placebo-controlled, multicentre trial. *The Lancet*, 395(10236):1569–1578, 2020. ISSN 01406736. doi: 10.1016/s0140-6736(20)31022-9.
 33. Jiankun Lyu, Sheng Wang, Trent E. Balius, Isha Singh, Anat Levit, Yurii S. Moroz, Matthew J. O'Meara, Tao Che, Enkhjargal Algae, Kateryna Tolmachova, Andrey A. Tolmachev, Brian K. Shoichet, Bryan L. Roth, and John J. Irwin. Ultra-large library docking for discovering new chemotypes. *Nature*, 566(7743):224–229, 2019. ISSN 0028-0836 1476-4687. doi: 10.1038/s41586-019-0917-9.
 34. Xiaobo Wan, Tangpo Yang, Adolfo Cuesta, Xiang Pang, Trent E. Balius, John J. Irwin, Brian K. Shoichet, and Jack Taunton. Discovery of lysine-targeted eIF4E inhibitors through covalent docking. *Journal of the American Chemical Society*, 142(11):4960–4964, February 2020. doi: 10.1021/jacs.9b10377.
 35. Reed M. Stein, Hye Jin Kang, John D. McCorvy, Grant C. Glatfelter, Anthony J. Jones, Tao Che, Samuel Slocum, Xi-Ping Huang, Olena Savych, Yurii S. Moroz, Benjamin Stauch, Linda C. Johansson, Vadim Cherezov, Terry Kenakin, John J. Irwin, Brian K. Shoichet, Bryan L. Roth, and Margarita L. Dubocovich. Virtual discovery of melatonin receptor ligands to modulate circadian rhythms. *Nature*, 579(7800):609–614, February 2020. doi: 10.1038/s41586-020-2027-0.
 36. Christoph Gorgulla, Andras Boeszoermenyi, Zi-Fu Wang, Patrick D. Fischer, Paul W. Coote, Krishna M. Padmanabha Das, Yehor S. Malets, Dmytro S. Radchenko, Yurii S. Moroz, David A. Scott, Konstantin Fackeldey, Moritz Hoffmann, Iryna Iavniuk, Gerhard Wagner, and Haribabu Arthanari. An open-source drug discovery platform enables ultra-large virtual screens. *Nature*, 580(7805):663–668, 2020. ISSN 0028-0836 1476-4687. doi: 10.1038/s41586-020-2117-z.
 37. Teague Sterling and John J. Irwin. ZINC 15 – ligand discovery for everyone. *Journal of Chemical Information and Modeling*, 55(11):2324–2337, 2015. ISSN 15205142. doi: 10.1021/acs.jcim.5b00559.
 38. Nafisa M. Hassan, Amr A. Alhossary, Yuguang Mu, et al. Protein-ligand blind docking using QuickVina-W with inter-process spatio-temporal integration. *Scientific Reports*, 7(1): 15451, dec 2017. ISSN 2045-2322. doi: 10.1038/s41598-017-15571-7.
 39. Amr Alhossary, Stephanus Daniel Handoko, Yuguang Mu, and Chee-Keong Kwoh. Fast, accurate, and reliable molecular docking with QuickVina 2. *Bioinformatics*, 31(13):2214–2216, jul 2015. ISSN 1460-2059. doi: 10.1093/bioinformatics/btv082.
 40. Oleg Trott and Arthur J Olson. AutoDock Vina: improving the speed and accuracy of docking with a new scoring function, efficient optimization, and multithreading. *Journal of computational chemistry*, 31(2):455–61, jan 2010. ISSN 1096-987X. doi: 10.1002/jcc.21334.
 41. Markus Hoffmann, Hannah Kleine-Weber, Simon Schroeder, Nadine Krüger, Tanja Herrler, Sandra Erichsen, Tobias S. Schiergens, Georg Herrier, Nai-Huei Wu, Andreas Nitsche, Marcel A. Müller, Christian Drosten, and Stefan Pöhlmann. SARS-CoV-2 cell entry depends on ACE2 and TMPRSS2 and is blocked by a clinically proven protease inhibitor. *Cell*, 181(2):271–280.e8, April 2020. doi: 10.1016/j.cell.2020.02.052.
 42. Jun Lan, Jiwan Ge, Jinfang Yu, Sisi Shan, Huan Zhou, Shilong Fan, Qi Zhang, Xuanling Shi, Qisheng Wang, Linqi Zhang, and Xinqun Wang. Structure of the SARS-CoV-2 spike receptor-binding domain bound to the ACE2 receptor. *Nature*, March 2020. doi: 10.1038/s41586-020-2180-5.
 43. Jian Shang, Gang Ye, Ke Shi, Yushun Wan, Chuming Luo, Hideki Aihara, Qibin Geng, Ashley Auerbach, and Fang Li. Structural basis of receptor recognition by SARS-CoV-2. *Nature*, 581(7807):221–224, 2020. ISSN 0028-0836 1476-4687. doi: 10.1038/s41586-020-2179-y.
 44. Mary Donoghue, Frank Hsieh, Elizabeth Baronas, Kevin Godbout, Michael Gosselin, Nancy Stagliano, Michael Donovan, Betty Woolf, Keith Robison, Raju Jayaseelan, Roger E. Breitbart, and Susan Acton. A novel angiotensin-converting enzyme-related carboxypeptidase (ACE2) converts angiotensin I to angiotensin 1-9. *Circulation Research*, 87(5), 2000. ISSN 0009-7330 1524-4571. doi: 10.1161/01.RES.87.5.e1.
 45. Wenhui Li, Chengsheng Zhang, Jianhua Sui, Jens H Kuhn, Michael J Moore, Shiwen Luo, Swee-Kee Wong, I-Chueh Huang, Keming Xu, Natalya Vasilieva, Akikazu Murakami, Yaqing He, Wayne A Marasco, Yi Guan, Hyeryun Choe, and Michael Farzan. Receptor and viral determinants of SARS-coronavirus adaptation to human ACE2. *The EMBO Journal*, 24(8):1634–1643, March 2005. doi: 10.1038/sj.emboj.7600640.
 46. Daniel Wrapp, Nianshuang Wang, Kizmekia S. Corbett, Jory A. Goldsmith, Ching-Lin Hsieh, Olubukola Abiona, Barney S. Graham, and Jason S. McLellan. Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. *Science*, 367(6483):1260–1263, February 2020. doi: 10.1126/science.abb2507.
 47. Jian Shang, Yushun Wan, Chuming Luo, Gang Ye, Qibin Geng, Ashley Auerbach, and

- Fang Li. Cell entry mechanisms of SARS-CoV-2. *Proceedings of the National Academy of Sciences*, 117(21):11727–11734, May 2020. doi: 10.1073/pnas.2003138117.
48. Yuan YUAN, Duanfang Cao, Yanfang Zhang, Jun Ma, Jianxun Qi, Qihui Wang, Guangwen Lu, Ying Wu, Jinghua Yan, Yi Shi, Xinzheng Zhang, and George F. Gao. Cryo-EM structures of MERS-CoV and SARS-CoV spike glycoproteins reveal the dynamic receptor binding domains. *Nature Communications*, 8(1), April 2017. doi: 10.1038/ncomms15092.
 49. Miao Gui, Wenfei Song, Haixia Zhou, Jingwei Xu, Silian Chen, Ye Xiang, and Xinqun Wang. Cryo-electron microscopy structures of the SARS-CoV spike glycoprotein reveal a prerequisite conformational state for receptor binding. *Cell Research*, 27(1):119–129, December 2016. doi: 10.1038/cr.2016.152.
 50. A. Heurich, H. Hofmann-Winkler, S. Gierer, T. Liepold, O. Jahn, and S. Pohlmann. TM-PRSS2 and ADAM17 cleave ACE2 differentially and only proteolysis by TM-PRSS2 augments entry driven by the severe acute respiratory syndrome coronavirus spike protein. *Journal of Virology*, 88(2):1293–1307, January 2014. doi: 10.1128/jvi.02202-13.
 51. J. M. Lucas, C. Heinlein, T. Kim, S. A. Hernandez, M. S. Malik, L. D. True, C. Morrissey, E. Corey, B. Montgomery, E. Mostaghel, N. Clegg, I. Coleman, C. M. Brown, E. L. Schneider, C. Craik, J. A. Simon, A. Bedalov, and P. S. Nelson. The androgen-regulated protease TM-PRSS2 activates a proteolytic cascade involving components of the tumor microenvironment and promotes prostate cancer metastasis. *Cancer Discovery*, 4(11):1310–1325, August 2014. doi: 10.1158/2159-8290.cd-13-1010.
 52. Tom S. Kim, Cynthia Heinlein, Robert C. Hackman, and Peter S. Nelson. Phenotypic analysis of mice lacking the *Tmprss2*-encoded protease. *Molecular and Cellular Biology*, 26(3):965–975, February 2006. doi: 10.1128/mcb.26.3.965-975.2006.
 53. D. E. Afar, I. Vivanco, R. S. Hubert, J. Kuo, E. Chen, D. C. Saffran, A. B. Raitano, and A. Jakobovits. Catalytic cleavage of the androgen-regulated TM-PRSS2 protease results in its secretion by prostate and prostate cancer epithelia. *Cancer Res.*, 61(4):1686–1692, February 2001.
 54. Shuai Xia, Yun Zhu, Meiqin Liu, Qiaoshuai Lan, Wei Xu, Yanling Wu, Tianlei Ying, Shuwen Liu, Zhengli Shi, Shibo Jiang, and Lu Lu. Fusion mechanism of 2019-nCoV and fusion inhibitors targeting HR1 domain in spike protein. *Cellular & Molecular Immunology*, February 2020. doi: 10.1038/s41423-020-0374-2.
 55. Judith M. White, Sue E. Delos, Matthew Brecher, and Kathryn Schornberg. Structures and mechanisms of viral membrane fusion proteins: Multiple variations on a common theme. *Critical Reviews in Biochemistry and Molecular Biology*, 43(3):189–219, 2008. ISSN 1040-9238 1549-7798. doi: 10.1080/10409230802058320.
 56. Shuwen Liu, Gengfu Xiao, Yibang Chen, Yuxian He, Jinkui Niu, Carlos R Escalante, Huabao Xiong, James Farmer, Asim K Debnath, Po Tien, and Shibo Jiang. Interaction between heptad repeat 1 and 2 regions in spike protein of SARS-associated coronavirus: implications for virus fusogenic mechanism and identification of fusion inhibitors. *The Lancet*, 363(9413):938–947, March 2004. doi: 10.1016/s0140-6736(04)15788-7.
 57. Shuai Xia, Meiqin Liu, Chao Wang, Wei Xu, Qiaoshuai Lan, Siliang Feng, Feifei Qi, Linlin Bao, Lanying Du, Shuwen Liu, Chuan Qin, Fei Sun, Zhengli Shi, Yun Zhu, Shibo Jiang, and Lu Lu. Inhibition of SARS-CoV-2 (previously 2019-nCoV) infection by a highly potent pan-coronavirus fusion inhibitor targeting its spike protein that harbors a high capacity to mediate membrane fusion. *Cell Research*, 30(4):343–355, March 2020. doi: 10.1038/s41422-020-0305-x.
 58. Lu Lu, Qi Liu, Yun Zhu, Kwok-Hung Chan, Lili Qin, Yuan Li, Qian Wang, Jasper Fuk-Woo Chan, Lanying Du, Fei Yu, Cuiqing Ma, Sheng Ye, Kwok-Yung Yuen, Rongguang Zhang, and Shibo Jiang. Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. *Nature Communications*, 5(1), January 2014. doi: 10.1038/ncomms4067.
 59. Shuai Xia, Lei Yan, Wei Xu, Anurodh Shankar Agrawal, Abdullah Algaissi, Chien-Te K. Tseng, Qian Wang, Lanying Du, Wenjie Tan, Ian A. Wilson, Shibo Jiang, Bei Yang, and Lu Lu. A pan-coronavirus fusion inhibitor targeting the HR1 domain of human coronavirus spike. *Science Advances*, 5(4):eaav4580, April 2019. doi: 10.1126/sciadv.aav4580.
 60. K. Anand. Coronavirus main proteinase (3CLpro) structure: Basis for design of anti-SARS drugs. *Science*, 300(5626):1763–1767, June 2003. doi: 10.1126/science.1085658.
 61. Jiahai Shi, J. Sivaraman, and Jianxing Song. Mechanism for controlling the dimer-monomer switch and coupling dimerization to catalysis of the severe acute respiratory syndrome coronavirus 3C-like protease. *Journal of Virology*, 82(9):4620–4629, February 2008. doi: 10.1128/jvi.02680-07.
 62. Hao Chen, Ping Wei, Changkang Huang, Lei Tan, Ying Liu, and Luhua Lai. Only one protomer is active in the dimer of SARS 3C-like proteinase. *Journal of Biological Chemistry*, 281(20):13894–13898, March 2006. doi: 10.1074/jbc.m510745200.
 63. Veena Nukoolkarn, Vannajan Sanghiran Lee, Matusros Malaisree, Ornjira Aruksakulwong, and Supot Hannongbua. Molecular dynamic simulations analysis of ritonavir and lopinavir as SARS-CoV 3CLpro inhibitors. *Journal of Theoretical Biology*, 254(4):861–867, October 2008. doi: 10.1016/j.jtbi.2008.07.030.
 64. H. Yang, M. Yang, Y. Ding, Y. Liu, Z. Lou, Z. Zhou, L. Sun, L. Mo, S. Ye, H. Pang, G. F. Gao, K. Anand, M. Bartlam, R. Hilgenfeld, and Z. Rao. The crystal structures of severe acute respiratory syndrome virus main protease and its complex with an inhibitor. *Proceedings of the National Academy of Sciences*, 100(23):13190–13195, October 2003. doi: 10.1073/pnas.1835675100.
 65. Linlin Zhang, Daizong Lin, Xinyuanyuan Sun, Ute Curth, Christian Drosten, Lucie Sauerhering, Stephan Becker, Katharina Rox, and Rolf Hilgenfeld. Crystal structure of SARS-CoV-2 main protease provides a basis for design of improved α -ketoamide inhibitors. *Science*, page eabb3405, March 2020. doi: 10.1126/science.abb3405.
 66. Zhenming Jin, Xiaoyu Du, Yechun Xu, Yongqiang Deng, Meiqin Liu, Yao Zhao, Bing Zhang, Xiaofeng Li, Leike Zhang, Chao Peng, Yinkai Duan, Jing Yu, Lin Wang, Kailin Yang, Fengjiang Liu, Rendi Jiang, Xinglou Yang, Tian You, Xiaocui Liu, Xiuna Yang, Fang Bai, Hong Liu, Xiang Liu, Luke W. Guddat, Wenqing Xu, Gengfu Xiao, Chengfeng Qin, Zhengli Shi, Hualiang Jiang, Zihao Rao, and Haitao Yang. Structure of M^{pro} from SARS-CoV-2 and discovery of its inhibitors. *Nature*, April 2020. doi: 10.1038/s41586-020-2223-y.
 67. Wenhao Dai, Bing Zhang, Haixia Su, Jian Li, Yao Zhao, Xiong Xie, Zhenming Jin, Fengjiang Liu, Chunpu Li, You Li, Fang Bai, Haofeng Wang, Xi Cheng, Xiaobo Cen, Shulei Hu, Xiuna Yang, Jiang Wang, Xiang Liu, Gengfu Xiao, Hualiang Jiang, Zihao Rao, Lei-Ke Zhang, Yechun Xu, Haitao Yang, and Hong Liu. Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. *Science*, page eabb4489, April 2020. doi: 10.1126/science.abb4489.
 68. Zhenming Jin, Yao Zhao, Yuan Sun, Bing Zhang, Haofeng Wang, Yan Wu, Yan Zhu, Chen Zhu, Tianyu Hu, Xiaoyu Du, Yinkai Duan, Jing Yu, Xiaobao Yang, Xiuna Yang, Kailin Yang, Xiang Liu, Luke W. Guddat, Gengfu Xiao, Leike Zhang, Haitao Yang, and Zihao Rao. Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug camofur. *Nature Structural & Molecular Biology*, May 2020. doi: 10.1038/s41594-020-0440-6.
 69. H.X. Su, W.F. Zhao, M.J. Li, H. Xie, and Y.C. Xu. SARS-CoV-2 3CL protease (3CL pro) in complex with a novel inhibitor, April 2020.
 70. C.D. Owen, P. Lukacik, C.M. Strain-Damerell, A. Douangamath, A.J. Powell, D. Fearon, J. Brandao-Neto, A.D. Crawshaw, D. Aragao, M. Williams, R. Flaig, D.R. Hall, K.E. McAuley, M. Mazzorana, D.I. Stuart, F. von Delft, and M.A. Walsh. SARS-CoV-2 main protease with unliganded active site (2019-nCoV, coronavirus disease 2019, COVID-19), March 2020.
 71. H.X. Su, W.F. Zhao, M.J. Li, H. Xie, and Y.C. Xu. SARS-CoV-2 3CL protease (3CL pro) apo structure (space group C21), April 2020.
 72. Maria Bzówka, Karolina Mitusińska, Agata Raczynska, Aleksandra Samol, Jack A. Tuszyński, and Artur Góra. Structural and evolutionary analysis indicate that the SARS-CoV-2 mpro is a challenging target for small-molecule inhibitor design. *International Journal of Molecular Sciences*, 21(9):3099, April 2020. doi: 10.3390/ijms21093099.
 73. Bin Xia and Xue Kang. Activation and maturation of SARS-CoV main protease. *Protein & Cell*, 2(4):282–290, April 2011. doi: 10.1007/s13238-011-1034-1.
 74. Chih-Jung Kuo, Ya-Hui Chi, John T.-A. Hsu, and Po-Huang Liang. Characterization of SARS main protease and inhibitor assay using a fluorogenic substrate. *Biochemical and Biophysical Research Communications*, 318(4):862–867, June 2004. doi: 10.1016/j.bbrc.2004.04.098.
 75. Wen-Chi Hsu, Hui-Chuan Chang, Chi-Yuan Chou, Pui-Jen Tsai, Pei-In Lin, and Gu-Gang Chang. Critical assessment of important regions in the subunit association and catalytic action of the severe acute respiratory syndrome coronavirus main protease. *Journal of Biological Chemistry*, 280(24):22741–22748, April 2005. doi: 10.1074/jbc.m502556200.
 76. X. Kang, N. Zhong, P. Zou, S. Zhang, C. Jin, and B. Xia. Foldon unfolding mediates the interconversion between Mpro-C monomer and 3D domain-swapped dimer. *Proceedings of the National Academy of Sciences*, 109(37):14900–14905, August 2012. doi: 10.1073/pnas.1205241109.
 77. Yahira M. Báez-Santos, Sarah E. St. John, and Andrew D. Mesecar. The SARS-coronavirus papain-like protease: Structure, function and inhibition by designed antiviral compounds. *Antiviral Research*, 115:21–38, March 2015. doi: 10.1016/j.antiviral.2014.12.015.
 78. Naina Barretto, Dalia Jukneliene, Kiira Ratia, Zhongbin Chen, Andrew D. Mesecar, and Susan C. Baker. The papain-like protease of severe acute respiratory syndrome coronavirus has deubiquitinating activity. *Journal of Virology*, 79(24):15189–15198, December 2005. doi: 10.1128/jvi.79.24.15189-15198.2005.
 79. Kathleen C. Lehmann, Anastasia Gulyaeva, Jessica C. Zevenhoven-Dobbe, George M. C. Janssen, Mark Ruben, Hermen S. Overkleef, Peter A. van Veen, Dmitry V. Samborskiy, Alexander A. Kravchenko, Andrey M. Leontovich, Igor A. Sidorov, Eric J. Snijder, Clara C. Posthuma, and Alexander E. Gorbalenya. Discovery of an essential nucleotidylating activity associated with a newly delineated conserved domain in the RNA polymerase-containing protein of all nidoviruses. *Nucleic Acids Research*, 43(17):8416–8434, August 2015. doi: 10.1093/nar/gkv838.
 80. Marion Sevajol, Lorenzo Subissi, Etienne Decroly, Bruno Canard, and Isabelle Imbert. Insights into RNA synthesis, capping, and proofreading mechanisms of SARS-coronavirus. *Biochemistry*, 194:90–99, December 2014. doi: 10.1016/j.virus.2014.10.008.
 81. Everett Clinton Smith, Hervé Blanc, Marco Vignuzzi, and Mark R. Denison. Coronaviruses lacking exoribonuclease activity are susceptible to lethal mutagenesis: Evidence for proofreading and potential therapeutics. *PLoS Pathogens*, 9(8):e1003565, August 2013. doi: 10.1371/journal.ppat.1003565.
 82. Yan Gao, Liming Yan, Yucen Huang, Fengjiang Liu, Yao Zhao, Lin Cao, Tao Wang, Qianqian Sun, Zhenhua Ming, Lianqi Zhang, Ji Ge, Litaio Zheng, Ying Zhang, Haofeng Wang, Yan Zhu, Chen Zhu, Tianyu Hu, Bing Zhang, Xiuna Yang, Jun Li, Haitao Yang, Zhijie Liu, Wenqing Xu, Luke W. Guddat, Quan Wang, Zhiyong Lou, and Zihao Rao. Structure of the RNA-dependent RNA polymerase from COVID-19 virus. *Science*, page eabb7498, April 2020. doi: 10.1126/science.abb7498.
 83. Robert N. Kirchdoerfer and Andrew B. Ward. Structure of the SARS-CoV nsp12 polymerase bound to nsp7 and nsp8 co-factors. *Nature Communications*, 10(1), May 2019. doi: 10.1038/s41467-019-10280-3.
 84. Isabelle Imbert, Jean-Claude Guillemot, Jean-Marie Bourhis, Cécile Bussetta, Bruno Coutard, Marie-Pierre Egloff, François Ferron, Alexander E Gorbalenya, and Bruno Canard. A second, non-canonical RNA-dependent RNA polymerase in SARS coronavirus. *The EMBO Journal*, 25(20):4933–4942, October 2006. doi: 10.1038/sj.emboj.7601368.
 85. Aartjan J.W. te Velthuis, Sjoerd H. E. van den Worm, and Eric J. Snijder. The SARS-coronavirus nsp7+nsp8 complex is a unique multimeric RNA polymerase capable of both de novo initiation and primer extension. *Nucleic Acids Research*, 40(4):1737–1747, October 2011. doi: 10.1093/nar/gkr893.
 86. Konstantin A. Ivanov, Volker Thiel, Jessika C. Dobbe, Yvonne van der Meer, Eric J. Snijder, and John Ziebuhr. Multiple enzymatic activities associated with severe acute respiratory syndrome coronavirus helicase. *Journal of Virology*, 78(11):5619–5632, June 2004. doi: 10.1128/jvi.78.11.5619-5632.2004.
 87. Adeyemi O. Adedeji, Bruno Marchand, Aartjan J. W. te Velthuis, Eric J. Snijder, Susan Weiss, Robert L. Eoff, Kamalendra Singh, and Stefan G. Sarafianos. Mechanism of nucleic acid unwinding by SARS-CoV helicase. *PLoS ONE*, 7(5):e36521, May 2012. doi: 10.1371/journal.pone.0036521.
 88. Zhihui Jia, Liming Yan, Zhilin Ren, Lijie Wu, Jin Wang, Jing Guo, Litaio Zheng, Zhenhua Ming, Lianqi Zhang, Zhiyong Lou, and Zihao Rao. Delicate structural coordination of the severe acute respiratory syndrome coronavirus nsp13 upon ATP hydrolysis. *Nucleic Acids Research*, 47(12):6538–6550, May 2019. doi: 10.1093/nar/gkz409.
 89. Xingxing Yang, Xiaojuan Chen, Guangxing Bian, Jian Tu, Yaling Xing, Yayun Wang, and

- Zhongbin Chen. Proteolytic processing, deubiquitinase and interferon antagonist activities of Middle East respiratory syndrome coronavirus papain-like protease. *Journal of General Virology*, 95(3):614–626, March 2014. doi: 10.1099/vir.0.059014-0.
90. M. Frieman, B. Yount, S. Agnihothram, C. Page, E. Donaldson, A. Roberts, L. Vogel, B. Woodruff, D. Scorpio, K. Subbarao, and R. S. Baric. Molecular determinants of severe acute respiratory syndrome coronavirus pathogenesis and virulence in young and aged mouse models of human disease. *Journal of Virology*, 86(2):884–897, November 2011. doi: 10.1128/jvi.05957-11.
 91. Geoff Sutton, Elizabeth Fry, Lester Carter, Sarah Sainsbury, Tom Walter, Joanne Nettleship, Nick Berron, Ray Owens, Robert Gilbert, Andrew Davidson, Stuart Siddell, Leo L.M. Poon, Jonathan Diprose, David Alderton, Martin Walsh, Jonathan M. Grimes, and David I. Stuart. The nsp9 replicase protein of SARS-coronavirus, structure and functional insights. *Structure*, 12(2):341–353, February 2004. doi: 10.1016/j.str.2004.01.016.
 92. Tingting Hu, Cheng Chen, Huiyan Li, Yanshu Dou, Ming Zhou, Deren Lu, Qi Zong, Yulei Li, Cheng Yang, Zhihui Zhong, Namit Singh, Honggang Hu, Rundong Zhang, Haitao Yang, and Dan Su. Structural basis for dimerization and RNA binding of avian infectious bronchitis virus nsp9. *Protein Science*, 26(5):1037–1048, April 2017. doi: 10.1002/pro.3150.
 93. Zachary J. Miknis, Eric F. Donaldson, Timothy C. Umland, Ryan A. Rimmer, Ralph S. Baric, and L. Wayne Schultz. Severe acute respiratory syndrome coronavirus nsp9 dimerization is essential for efficient viral growth. *Journal of Virology*, 83(7):3007–3018, January 2009. doi: 10.1128/jvi.01505-08.
 94. Daniel Blanco-Melo, Benjamin E. Nilsson-Payant, Wen-Chun Liu, Skyler Uhl, Daisy Hoagland, Rasmus Møller, Tristan X. Jordan, Kohei Oishi, Maryline Paris, David Sachs, Taia T. Wang, Robert E. Schwartz, Jean K. Lim, Randy A. Albrecht, and Benjamin R. tenOever. Imbalanced host response to SARS-CoV-2 drives development of COVID-19. *Cell*, 181(5):1036–1045.e9, 2020. ISSN 0092-8674. doi: 10.1016/j.cell.2020.04.026.
 95. Hin Chu, Jasper Fuk-Woo Chan, Yixin Wang, Terrence Tsz-Tai Yuen, Yue Chai, Yuxin Hou, Huiping Shuai, Dong Yang, Bingjie Hu, Xiner Huang, Xi Zhang, Jian-Piao Cai, Jie Zhou, Shoufeng Yuan, Kin-Hang Kok, Kelvin Kai-Wang To, Ivy Hau-Yee Chan, Anna Jinxia Zhang, Ko-Yung Sit, Wing-Kuk Au, and Kwok-Yung Yuen. Comparative replication and immune activation profiles of SARS-CoV-2 and SARS-CoV in human lungs: An ex vivo study with implications for the pathogenesis of COVID-19. *Clinical Infectious Diseases*, 2020. ISSN 1058-4838 1537-6591. doi: 10.1093/cid/ciaa410.
 96. Kelvin Kai-Wang To, Owen Tak-Yin Tsang, Wai-Shing Leung, Anthony Raymond Tam, Tak-Chiu Wu, David Christopher Lung, Cyril Chik-Yan Yip, Jian-Piao Cai, Jacky Man-Chun Chan, Thomas Shiu-Hong Chik, Daphne Pui-Ling Lau, Chris Yau-Chung Choi, Lin-Lei Chen, Wan-Mui Chan, Kwok-Hung Chan, Jonathan Daniel Ip, Anthony Chin-Ki Ng, Rosana Wing-Shan Poon, Cui-Ting Luo, Vincent Chi-Chung Cheng, Jasper Fuk-Woo Chan, Ivan Fan-Ngai Hung, Zhiwei Chen, Honglin Chen, and Kwok-Yung Yuen. Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. *The Lancet Infectious Diseases*, 20(5):565–574, May 2020. doi: 10.1016/s1473-3099(20)30196-1.
 97. Roman Barbalat, Sarah E. Ewald, Maria L. Mouchess, and Gregory M. Barton. Nucleic acid recognition by the innate immune system. *Annual Review of Immunology*, 29(1):185–214, April 2011. doi: 10.1146/annurev-immunol-031210-101340.
 98. Stephane Daffis, Kristy J. Szretter, Jill Schriever, Jianqing Li, Soonjeon Youn, John Errett, Tsz-Yu Lin, Stewart Schneller, Roland Züst, Hongping Dong, Volker Thiel, Ganes C. Sen, Volker Fensterl, William B. Klimstra, Theodore C. Pierson, R. Mark Buller, Michael Gale Jr, Pei-Yong Shi, and Michael S. Diamond. 2'-O methylation of the viral mRNA cap evades host restriction by IFIT family members. *Nature*, 468(7322):452–456, November 2010. doi: 10.1038/nature09489.
 99. Xufang Deng and Susan C. Baker. An "old" protein with a new story: Coronavirus endoribonuclease is important for evading host antiviral defenses. *Virology*, 517:157–163, April 2018. doi: 10.1016/j.virol.2017.12.024.
 100. Mark A. Clementz, Zhongbin Chen, Bridget S. Banach, Yanhua Wang, Li Sun, Kiira Ratia, Yahira M. Baez-Santos, Jie Wang, Jun Takayama, Arun K. Ghosh, Kui Li, Andrew D. Mesecar, and Susan C. Baker. Deubiquitinating and interferon antagonism activities of coronavirus papain-like proteases. *Journal of Virology*, 84(9):4619–4629, February 2010. doi: 10.1128/jvi.02406-09.
 101. Lance D. Eckerle, Xiaotao Lu, Steven M. Sperry, Leena Choi, and Mark R. Denison. High fidelity of murine hepatitis virus replication is decreased in nsp14 exoribonuclease mutants. *Journal of Virology*, 81(22):12135–12144, September 2007. doi: 10.1128/jvi.01296-07.
 102. Mark R. Denison, Rachel L. Graham, Eric F. Donaldson, Lance D. Eckerle, and Ralph S. Baric. Coronaviruses. *RNA Biology*, 8(2):270–279, March 2011. doi: 10.4161/rna.8.2.15013.
 103. Y. Chen, H. Cai, J. Pan, N. Xiang, P. Tien, T. Ahola, and D. Guo. Functional screen reveals SARS coronavirus nonstructural protein nsp14 as a novel cap N7 methyltransferase. *Proceedings of the National Academy of Sciences*, 106(9):3484–3489, February 2009. doi: 10.1073/pnas.0808790106.
 104. E. Minskaia, T. Hertzog, A. E. Gorbalenya, V. Campanacci, C. Cambillau, B. Canard, and J. Ziebuhr. Discovery of an RNA virus 3'->5' exoribonuclease that is critically involved in coronavirus RNA synthesis. *Proceedings of the National Academy of Sciences*, 103(13):5108–5113, March 2006. doi: 10.1073/pnas.0508200103.
 105. M. Bouvet, I. Imbert, L. Subissi, L. Gluais, B. Canard, and E. Decroly. RNA 3'-end mismatch excision by the severe acute respiratory syndrome coronavirus nonstructural protein nsp10/nsp14 exoribonuclease complex. *Proceedings of the National Academy of Sciences*, 109(24):9372–9377, May 2012. doi: 10.1073/pnas.1201130109.
 106. Everett Clinton Smith, James Brett Case, Hervé Blanc, Ofer Isakov, Noam Shomron, Marco Vignuzzi, and Mark R. Denison. Mutations in coronavirus nonstructural protein 10 decrease virus replication fidelity. *Journal of Virology*, 89(12):6418–6426, April 2015. doi: 10.1128/jvi.00110-15.
 107. Natacha S. Ogando, François Ferron, Etienne Decroly, Bruno Canard, Clara C. Posthuma, and Eric J. Snijder. The curious case of the nidovirus exoribonuclease: Its role in RNA synthesis and replication fidelity. *Frontiers in Microbiology*, 10, 2019. ISSN 1664-302X. doi: 10.3389/fmicb.2019.01813.
 108. Rachel L. Graham, Michelle M. Becker, Lance D. Eckerle, Meagan Bolles, Mark R. Denison, and Ralph S. Baric. A live, impaired-fidelity coronavirus vaccine protects in an aged, immunocompromised mouse model of lethal disease. *Nature Medicine*, 18(12):1820–1826, November 2012. doi: 10.1038/nm.2972.
 109. François Ferron, Lorenzo Subissi, Ana Theresa Silveira De Moraes, Nhung Thi Tuyet Le, Marion Sevajol, Laure Gluais, Etienne Decroly, Clemens Vonrhein, Gérard Bricogne, Bruno Canard, and Isabelle Imbert. Structural and molecular basis of mismatch correction and ribavirin excision from coronavirus RNA. *Proceedings of the National Academy of Sciences*, 115(2):E162–E171, 2018. ISSN 0027-8424 1091-6490. doi: 10.1073/pnas.1718806115.
 110. Maria L. Agostini, Erica L. Andres, Amy C. Sims, Rachel L. Graham, Timothy P. Sheahan, Xiaotao Lu, Everett Clinton Smith, James Brett Case, Joy Y. Feng, Robert Jordan, Adrian S. Ray, Tomas Cihlar, Dustin Siegel, Richard L. Mackman, Michael O. Clarke, Ralph S. Baric, Mark R. Denison, and Kanta Subbarao. Coronavirus susceptibility to the antiviral Remdesivir (GS-5734) is mediated by the viral polymerase and the proofreading exoribonuclease. *mBio*, 9(2), 2018. ISSN 2150-7511. doi: 10.1128/mBio.00221-18.
 111. Joseph Marcotrigiano, Anne-Claude Gingras, Nahum Sonenberg, and Stephen K. Burley. Cocystal structure of the messenger RNA 5' cap-binding protein (eIF4E) bound to 7-methyl-GDP. *Cell*, 89(6):951–961, June 1997. doi: 10.1016/s0092-8674(00)80280-9.
 112. Etienne Decroly, François Ferron, Julien Lescar, and Bruno Canard. Conventional and unconventional mechanisms for capping viral mRNA. *Nature Reviews Microbiology*, 10(1):51–65, December 2011. doi: 10.1038/nrmicro2675.
 113. Yuanyan Ma, Lijie Wu, Neil Shaw, Yan Gao, Jin Wang, Yuna Sun, Zhiyong Lou, Liming Yan, Rongguang Zhang, and Zihe Rao. Structural basis and functional analysis of the SARS coronavirus nsp14–nsp10 complex. *Proceedings of the National Academy of Sciences*, 112(30):9436–9441, July 2015. doi: 10.1073/pnas.1508686112.
 114. J. L. Hyde, C. L. Gardner, T. Kimura, J. P. White, G. Liu, D. W. Trobaugh, C. Huang, M. Tonelli, S. Paessler, K. Takeda, W. B. Klimstra, G. K. Amarasinghe, and M. S. Diamond. A viral RNA structural element alters host recognition of nonself RNA. *Science*, 343(6172):783–787, January 2014. doi: 10.1126/science.1248465.
 115. Etienne Decroly, Claire Debarnot, François Ferron, Mickael Bouvet, Bruno Coutard, Isabelle Imbert, Laure Gluais, Nicolas Papageorgiou, Andrew Sharff, Gérard Bricogne, Miguel Ortiz-Lombardia, Julien Lescar, and Bruno Canard. Crystal structure and functional analysis of the SARS-coronavirus RNA cap 2'-O-methyltransferase nsp10/nsp16 complex. *PLoS Pathogens*, 7(5):e1002059, May 2011. doi: 10.1371/journal.ppat.1002059.
 116. Yu Chen and Deyin Guo. Molecular mechanisms of coronavirus RNA capping and methylation. *Virologica Sinica*, 31(1):3–11, February 2016. doi: 10.1007/s12250-016-3726-4.
 117. Yu Chen, Ceyang Su, Min Ke, Xu Jin, Lirong Xu, Zhou Zhang, Andong Wu, Ying Sun, Zhouning Yang, Po Tien, Tero Ahola, Yi Liang, Xinqi Liu, and Deyin Guo. Biochemical and structural insights into the mechanisms of SARS coronavirus RNA ribose 2'-O-methylation by nsp16/nsp10 protein complex. *PLoS Pathogens*, 7(10):e1002294, October 2011. doi: 10.1371/journal.ppat.1002294.
 118. Min Ke, Yu Chen, Andong Wu, Ying Sun, Ceyang Su, Hao Wu, Xu Jin, Jiali Tao, Yi Wang, Xiao Ma, Ji-An Pan, and Deyin Guo. Short peptides derived from the interaction domain of SARS coronavirus nonstructural protein nsp10 can suppress the 2'-O-methyltransferase activity of nsp10/nsp16 complex. *Virus Research*, 167(2):322–328, August 2012. doi: 10.1016/j.virusres.2012.05.017.
 119. Wahiba Aouadi, Alexandre Blanjoie, Jean-Jacques Vasseur, Françoise Debart, Bruno Canard, and Etienne Decroly. Binding of the methyl donor S-adenosyl-L-methionine to Middle East respiratory syndrome coronavirus 2'-O-methyltransferase nsp16 promotes recruitment of the allosteric activator nsp10. *Journal of Virology*, 91(5), December 2016. doi: 10.1128/jvi.02217-16.
 120. Xufang Deng, Matthew Hackbart, Robert C. Mettelman, Amornrat O'Brien, Anna M. Milech, Guanghui Yi, C. Cheng Kao, and Susan C. Baker. Coronavirus nonstructural protein 15 mediates evasion of dsRNA sensors and limits apoptosis in macrophages. *Proceedings of the National Academy of Sciences*, 114(21):E4251–E4260, May 2017. doi: 10.1073/pnas.1618310114.
 121. Xiaorong Liu, Puxian Fang, Lirong Fang, Yingying Hong, Xinyu Zhu, Dang Wang, Guiqing Peng, and Shaobo Xiao. Porcine deltacoronavirus nsp15 antagonizes interferon-β production independently of its endoribonuclease activity. *Molecular Immunology*, 114:100–107, October 2019. doi: 10.1016/j.molimm.2019.07.003.
 122. Youngchang Kim, Robert Jedrzejczak, Natalia I. Maltseva, Mateusz Wilamowski, Michael Endres, Adam Godzik, Karolina Michalska, and Andrzej Joachimski. Crystal structure of nsp15 endoribonuclease NendoU from SARS-CoV-2. *Protein Science*, April 2020. doi: 10.1002/pro.3873.
 123. Linda A. Guarino, Kanchan Bhardwaj, Wen Dong, Jingchuan Sun, Andreas Holzenburg, and Cheng Kao. Mutational analysis of the SARS virus nsp15 endoribonuclease: Identification of residues affecting hexamer formation. *Journal of Molecular Biology*, 353(5):1106–1117, November 2005. doi: 10.1016/j.jmb.2005.09.007.
 124. Kiira Ratia, Andrew Kilianski, Yahira M. Baez-Santos, Susan C. Baker, and Andrew Mesecar. Structural basis for the ubiquitin-linkage specificity and deISGylating activity of SARS-CoV papain-like protease. *PLoS Pathogens*, 10(5):e1004113, May 2014. doi: 10.1371/journal.ppat.1004113.
 125. Holger A. Lindner, Viktoria Lytvyn, Hongtao Qi, Paule Lachance, Edmund Ziomek, and Robert Ménard. Selectivity in ISG15 and ubiquitin recognition by the SARS coronavirus papain-like protease. *Archives of Biochemistry and Biophysics*, 466(1):8–14, October 2007. doi: 10.1016/j.abb.2007.07.006.
 126. Georgios I. Karras, Georg Kustatscher, Heeran R. Buhecha, Mark D. Allen, Céline Pugiueux, Fiona Sait, Mark Bycroft, and Andreas G. Ladurner. The macro domain is an ADP-ribose binding module. *The EMBO Journal*, 24(11):1911–1920, May 2005. doi: 10.1038/sj.emboj.7600664.
 127. Yuri Kusov, Jinzhi Tan, Enrique Alvarez, Luis Enjuanes, and Rolf Hilgenfeld. A G-quadruplex-binding macrodomain within the "SARS-unique domain" is essential for the activity of the SARS-coronavirus replication–transcription complex. *Virology*, 484:313–322, October 2015. doi: 10.1016/j.virol.2015.06.016.
 128. Thomas Kuri, Klara K. Eriksson, Akos Pütcs, Roland Züst, Eric J. Snijder, Andrew D. Davidson, Stuart G. Siddell, Volker Thiel, John Ziebuhr, and Friedemann Weber. The ADP-

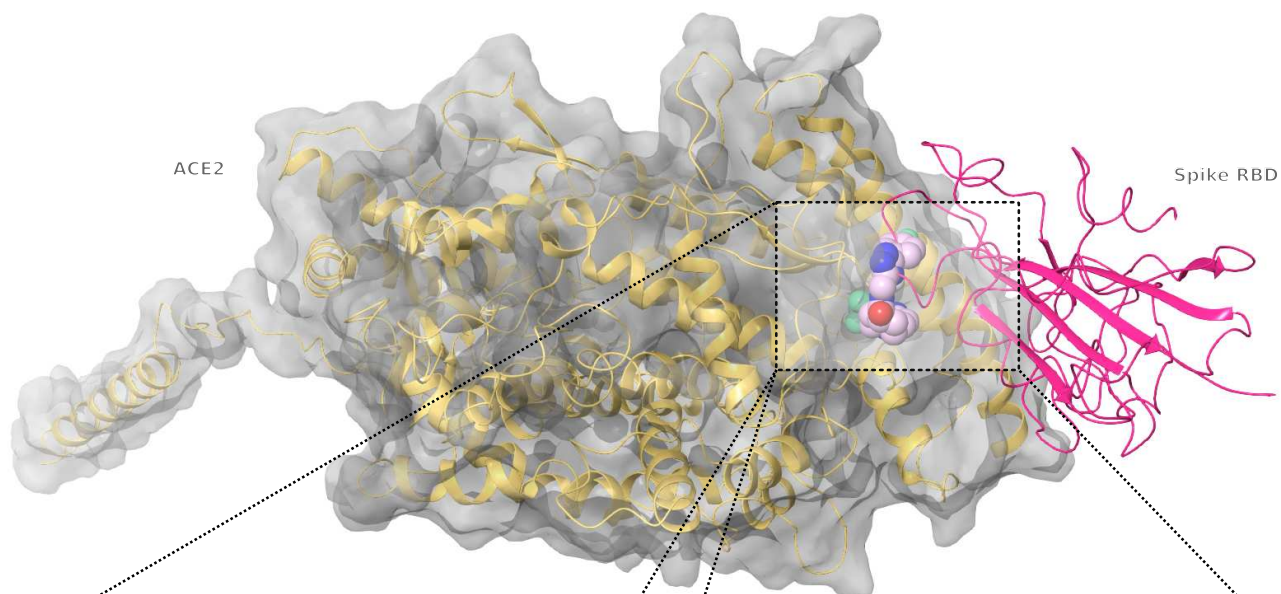
- ribose-1st-monophosphatase domains of severe acute respiratory syndrome coronavirus and human coronavirus 229E mediate resistance to antiviral interferon responses. *Journal of General Virology*, 92(8):1899–1905, August 2011. doi: 10.1099/vir.0.031856-0.
129. Klara Kristin Eriksson, Luisa Cervantes-Barragán, Burkhard Ludewig, and Volker Thiel. Mouse hepatitis virus liver pathology is dependent on ADP-ribose-1st-phosphatase, a viral function conserved in the alpha-like supergroup. *Journal of Virology*, 82(24):12325–12334, October 2008. doi: 10.1128/jvi.02082-08.
 130. Changqing Li, Yannick Debong, Gytis Jankevicius, Johan Neyts, Ivan Ahel, Bruno Coutard, and Bruno Canard. Viral macro domains reverse protein ADP-ribosylation. *Journal of Virology*, 90(19):8478–8486, July 2016. doi: 10.1128/jvi.00705-16.
 131. Eric J. Snijder, Peter J. Breidenbeek, Jessica C. Dobbe, Volker Thiel, John Ziebuhr, Leo L.M. Poon, Yi Guan, Mikhail Rozanov, Willy J.M. Spaan, and Alexander E. Gorbalenya. Unique and conserved features of genome and proteome of SARS-coronavirus, an early split-off from the coronavirus group 2 lineage. *Journal of Molecular Biology*, 331(5):991–1004, August 2003. doi: 10.1016/s0022-2836(03)00865-9.
 132. Ákos Putics, Witold Filipowicz, Jonathan Hall, Alexander E. Gorbalenya, and John Ziebuhr. ADP-ribose-1st-monophosphatase: a conserved coronavirus enzyme that is dispensable for viral replication in tissue culture. *Journal of Virology*, 79(20):12721–12731, October 2005. doi: 10.1128/jvi.79.20.12721-12731.2005.
 133. Ákos Putics, Jutta Slaby, Witold Filipowicz, Alexander E. Gorbalenya, and John Ziebuhr. ADP-ribose-1st-phosphatase activities of the human coronavirus 229e and sars coronavirus x domains. In *Advances in Experimental Medicine and Biology*, pages 93–96. Springer US, 2006. doi: 10.1007/978-0-387-33012-9_15.
 134. Kumar Singh Saikatendu, Jeremiah S. Joseph, Vanitha Subramanian, Tom Clayton, Mark Griffith, Kin Moy, Jeffrey Velasquez, Benjamin W. Neuman, Michael J. Buchmeier, Raymond C. Stevens, and Peter Kuhn. Structural basis of severe acute respiratory syndrome coronavirus ADP-ribose-1st-phosphate dephosphorylation by a conserved domain of nsp3. *Structure*, 13(11):1665–1675, November 2005. doi: 10.1016/j.str.2005.07.022.
 135. Michael O. Hottiger. SnapShot: ADP-ribosylation signaling. *Molecular Cell*, 58(6):1134–1134.e1, June 2015. doi: 10.1016/j.molcel.2015.06.001.
 136. Anthony R. Fehr, Rudragouda Channappanavar, Gytis Jankevicius, Craig Fett, Jincun Zhao, Jeremiah Athmer, David K. Meyerholz, Ivan Ahel, and Stanley Perlman. The conserved coronavirus macrodomain promotes virulence and suppresses the innate immune response during severe acute respiratory syndrome coronavirus infection. *mBio*, 7(6), December 2016. doi: 10.1128/mbio.01721-16.
 137. Anthony R. Fehr, Jeremiah Athmer, Rudragouda Channappanavar, Judith M. Phillips, David K. Meyerholz, and Stanley Perlman. The nsp3 macrodomain promotes virulence in mice with coronavirus-induced encephalitis. *Journal of Virology*, 89(3):1523–1536, November 2014. doi: 10.1128/jvi.02596-14.
 138. Anthony R. Fehr, Gytis Jankevicius, Ivan Ahel, and Stanley Perlman. Viral macrodomains: Unique mediators of viral replication and pathogenesis. *Trends in Microbiology*, 26(7):598–610, July 2018. doi: 10.1016/j.tim.2017.11.011.
 139. Robert Lyle McPherson, Rachy Abraham, Easwaran Sreekumar, Shao-En Ong, Shang-Jung Cheng, Victoria K. Baxter, Hans A. V. Kistemaker, Dmitri V. Filippov, Diane E. Griffin, and Anthony K. L. Leung. ADP-ribosylhydrolase activity of chikungunya virus macrodomain is critical for virus replication and virulence. *Proceedings of the National Academy of Sciences*, 114(7):1666–1671, January 2017. doi: 10.1073/pnas.1621485114.
 140. Christopher A. Nelson, Andrew Pekosz, Chung A. Lee, Michael S. Diamond, and Daved H. Fremont. Structure and intracellular targeting of the SARS-coronavirus orf7a accessory protein. *Structure*, 13(1):75–85, January 2005. doi: 10.1016/j.str.2004.10.010.
 141. Justin K. Taylor, Christopher M. Coleman, Sandra Postel, Jeanne M. Sisk, John G. Bernbaum, Thiagarajan Venkataraman, Eric J. Sundberg, and Matthew B. Frieman. Severe acute respiratory syndrome coronavirus ORF7a inhibits bone marrow stromal antigen 2 virion tethering through a novel mechanism of glycosylation interference. *Journal of Virology*, 89(23):11820–11833, September 2015. doi: 10.1128/jvi.02274-15.
 142. Cheng Huang, Naoto Ito, Chien-Te K. Tseng, and Shinji Makino. Severe acute respiratory syndrome coronavirus 7a accessory protein is a viral structural protein. *Journal of Virology*, 80(15):7287–7294, August 2006. doi: 10.1128/jvi.00414-06.
 143. Daniel Sauter, Anke Specht, and Frank Kirchhoff. Tetherin: Holding on and letting go. *Cell*, 141(3):392–398, April 2010. doi: 10.1016/j.cell.2010.04.022.
 144. Scott R. Schaecher, Erin Touchette, Jill Schriewer, R. Mark Buller, and Andrew Pekosz. Severe acute respiratory syndrome coronavirus gene 7 products contribute to virus-induced apoptosis. *Journal of Virology*, 81(20):11054–11068, August 2007. doi: 10.1128/jvi.01266-07.
 145. C.A. Nelson, G. Minasov, L. Shuvalova, and D.H. Fremont and. Structure of the sars-cov-2 ORF7a encoded accessory protein, April 2020.
 146. LaRinda A. Holland, Emily A. Kaelin, Rabia Maqsood, Bereket Estifanos, Lily I. Wu, Arvind Varsani, Rolf U. Halden, Brenda G. Hogue, Matthew Scotch, and Efrim S. Lim. An 81 nucleotide deletion in SARS-CoV-2 ORF7a identified from sentinel surveillance in arizona (jan-mar 2020). *Journal of Virology*, May 2020. doi: 10.1128/jvi.00711-20.
 147. Burtram C. Fielding, Vithiagarun Gunalan, Timothy H.P. Tan, Chih-Fong Chou, Shuo Shen, Sehaam Khan, Seng Gee Lim, Wanjin Hong, and Yee-Joo Tan. Severe acute respiratory syndrome coronavirus protein 7a interacts with hSGT. *Biochemical and Biophysical Research Communications*, 343(4):1201–1208, May 2006. doi: 10.1016/j.bbrc.2006.03.091.
 148. Karen Hänel and Dieter Willbold. SARS-CoV accessory protein 7a directly interacts with human LFA-1. *Biological Chemistry*, 388(12), January 2007. doi: 10.1515/bc.2007.157.
 149. Cornelis A.M. de Haan and Peter J.M. Rottier. Molecular interactions in the assembly of coronaviruses. In *Advances in Virus Research*, pages 165–230. Elsevier, 2005. doi: 10.1016/s0065-3527(05)64006-7.
 150. S. A. Stohlman, R. S. Baric, G. N. Nelson, L. H. Soe, L. M. Welter, and R. J. Deans. Specific interaction between coronavirus leader RNA and nucleocapsid protein. *J. Virol.*, 62(11):4288–4295, November 1988.
 151. Yingying Cong, Mustafa Ulasli, Hein Schepers, Mario Mauthe, Philip V'kovski, Franziska Kriegenburg, Volker Thiel, Cornelis A. M. de Haan, and Fulvio Reggiori. Nucleocapsid protein recruitment to replication-transcription complexes plays a crucial role in coronavirus life cycle. *Journal of Virology*, 94(4), November 2019. doi: 10.1128/jvi.01925-19.
 152. Sisi Kang, Mei Yang, Zhongsi Hong, Liping Zhang, Zhaoxia Huang, Xiaoxue Chen, Suhua He, Ziliang Zhou, Zhechong Zhou, Qiuyue Chen, Yan Yan, Changsheng Zhang, Hong Shan, and Shoude Chen. Crystal structure of SARS-CoV-2 nucleocapsid protein RNA binding domain reveals potential unique drug targeting sites. *Acta Pharmaceutica Sinica B*, April 2020. doi: 10.1016/j.apsb.2020.04.009.
 153. Shing-Yen Lin, Chia-Ling Liu, Yu-Ming Chang, Jincun Zhao, Stanley Perlman, and Ming-Hon Hou. Structural basis for the identification of the N-terminal domain of coronavirus nucleocapsid protein as an antiviral target. *Journal of Medicinal Chemistry*, 57(6):2247–2257, March 2014. doi: 10.1021/jm500089r.
 154. Ping-Kun Hsieh, Shin C. Chang, Chu-Chun Huang, Ting-Ting Lee, Ching-Wen Hsiao, Yi-Hen Kou, I-Yin Chen, Chung-Ke Chang, Tai-Huang Huang, and Ming-Fu Chang. Assembly of severe acute respiratory syndrome coronavirus RNA packaging signal into virus-like particles is nucleocapsid dependent. *Journal of Virology*, 79(22):13848–13855, November 2005. doi: 10.1128/jvi.79.22.13848-13855.2005.
 155. Chun-Yuan Chen, Chung ke Chang, Yi-Wei Chang, Shih-Che Sue, Hsin-I Bai, Lilianty Rieng, Chwan-Deng Hsiao, and Tai Huang Huang. Structure of the SARS coronavirus nucleocapsid protein RNA-binding dimerization domain suggests a mechanism for helical packaging of viral RNA. *Journal of Molecular Biology*, 368(4):1075–1086, May 2007. doi: 10.1016/j.jmb.2007.02.069.
 156. Benjamin W. Neuman, Brian D. Adair, Craig Yoshioka, Joel D. Quispe, Gretchen Orca, Peter Kuhn, Ronald A. Milligan, Mark Yeager, and Michael J. Buchmeier. Supramolecular architecture of severe acute respiratory syndrome coronavirus revealed by electron cryo-microscopy. *Journal of Virology*, 80(16):7918–7928, August 2006. doi: 10.1128/jvi.00645-06.
 157. Daniel R Beniac, Anton Andonov, Elsie Grudskii, and Tim F Booth. Architecture of the SARS coronavirus prefusion spike. *Nature Structural & Molecular Biology*, 13(8):751–752, July 2006. doi: 10.1038/nsmb1123.
 158. David Ryan Koes, Matthew P. Baumgartner, and Carlos J. Camacho. Lessons Learned in Empirical Scoring with smina from the CSAR 2011 Benchmarking Exercise. *Journal of Chemical Information and Modeling*, 53(8):1893–1904, aug 2013. ISSN 1549-9596. doi: 10.1021/ci300604z.
 159. Matthew Ragoza, Joshua Hochuli, Elisa Idrobo, Jocelyn Sunseri, and David Ryan Koes. Protein–ligand scoring with convolutional neural networks. *Journal of Chemical Information and Modeling*, 57(4):942–957, 2017. doi: 10.1021/acs.jcim.6b00740. PMID: 28368587.
 160. Mathew R. Koebel, Grant Schmadeke, Richard G. Posner, et al. AutoDock VinaXB: implementation of XBSF, new empirical halogen bond scoring function, into AutoDock Vina. *Journal of Cheminformatics*, 8(1):27, dec 2016. ISSN 1758-2946. doi: 10.1186/s13321-016-0139-1.
 161. Anita K Nivedha, David F Thieker, Spandana Makneni, et al. Vina-Carb: Improving Glycosidic Angles during Carbohydrate Docking. *Journal of Chemical Theory and Computation*, 12(2):892–901, feb 2016. ISSN 1549-9618. doi: 10.1021/acs.jctc.5b00834.
 162. R. Kiplin Guy, Robert S. DiPaola, Frank Romanelli, and Rebecca E. Dutch. Rapid repurposing of drugs for COVID-19. *Science*, 368(6493):829–830, May 2020. doi: 10.1126/science.abb9332.
 163. Peter Horby, Wei Shen Lim, Jonathan Emberson, Marion Mafham, Jennifer Bell, Louise Linsell, Natalie Staplin, Christopher Brightling, Andrew Ustianowski, Einas Elmahi, Benjamin Prudon, Christopher Green, Timothy Felton, David Chadwick, Kanchara Jeger, Christopher Fegan, Lucy C Chappell, Saul N Faust, Thomas Jaki, Katie Jeffery, Alan Montgomery, Kathryn Rowan, Edmund Juszcak, J Kenneth Bailie, Richard Haynes, and Martin J Landray and. Effect of dexamethasone in hospitalized patients with COVID-19: Preliminary report. June 2020. doi: 10.1101/2020.06.22.20137273.
 164. Keisuke Iwabuchi, Koichiro Yoshie, Yuichi Kurakami, Kota Takahashi, Yoshio Kato, and Tsuneo Morishima. Therapeutic potential of ciclesonide inhalation for COVID-19 pneumonia: Report of three cases. *Journal of Infection and Chemotherapy*, 26(6):625–632, June 2020. doi: 10.1016/j.jiac.2020.04.007.
 165. Yin Wang, Weiwei Jiang, Qi He, Cheng Wang, Baoju Wang, Pan Zhou, Nianguo Dong, and Qiaoxia Tong. A retrospective cohort study of methylprednisolone therapy in severe patients with COVID-19 pneumonia. *Signal Transduction and Targeted Therapy*, 5(1), April 2020. doi: 10.1038/s41392-020-0158-2.
 166. Christopher M. Coleman, Jeanne M. Sisk, Rebecca M. Mingo, Elizabeth A. Nelson, Judith M. White, and Matthew B. Frieman. Abelson kinase inhibitors are potent inhibitors of severe acute respiratory syndrome coronavirus and middle east respiratory syndrome coronavirus fusion. *Journal of Virology*, 90(19):8924–8933, July 2016. doi: 10.1128/jvi.01429-16.
 167. Julie Dyal, Christopher M. Coleman, Brit J. Hart, Thiagarajan Venkataraman, Michael R. Holbrook, Jason Kindrachuk, Reed F. Johnson, Gene G. Olinger, Peter B. Jahrling, Monique Laidlaw, Lisa M. Johansen, Calli M. Lear-Rooney, Pamela J. Glass, Lisa E. Hensley, and Matthew B. Frieman. Repurposing of clinically developed drugs for treatment of middle east respiratory syndrome coronavirus infection. *Antimicrobial Agents and Chemotherapy*, 58(8):4885–4893, May 2014. doi: 10.1128/aac.03036-14.
 168. Ashton C. Lai and Craig M. Crews. Induced protein degradation: an emerging drug discovery paradigm. *Nature Reviews Drug Discovery*, 16(2):101–114, November 2016. doi: 10.1038/nrd.2016.211.
 169. Morgan S Gadd, Andrea Testa, Xavier Lucas, Kwok-Ho Chan, Wenzhang Chen, Douglas J Lamont, Michael Zengerle, and Alessio Ciulli. Structural basis of PROTAC cooperative recognition for selective protein degradation. *Nature Chemical Biology*, 13(5):514–521, March 2017. doi: 10.1038/nchembio.2329.
 170. Ji-Young Park, Jang Hoon Kim, Young Min Kim, Hyung Jae Jeong, Dae Wook Kim, Ki Hun Park, Hyung-Jun Kwon, Su-Jin Park, Woo Song Lee, and Young Bae Ryu. Tanshinones as selective and slow-binding inhibitors for SARS-CoV cysteine proteases. *Bioorganic & Medicinal Chemistry*, 20(19):5928–5935, October 2012. doi: 10.1016/j.bmc.2012.07.038.
 171. Li Wang, Bo-Bo Bao, Guo-Qing Song, Cheng Chen, Xu-Meng Zhang, Wei Lu, Zefang Wang, Yan Cai, Shuang Li, Sheng Fu, Fu-Hang Song, Haitao Yang, and Jian-Guo Wang. Discovery of unsymmetrical aromatic disulfides as novel inhibitors of SARS-CoV main protease: Chemical synthesis, biological evaluation, molecular docking and 3D-QSAR study. *European Journal of Medicinal Chemistry*, 137:450–461, September 2017. doi: 10.1016/j.ejmech.2017.05.045.

172. Haitao Yang, Weiqing Xie, Xiaoyu Xie, Kailin Yang, Jing Ma, Wenxue Liang, Qi Zhao, Zhe Zhang, Duanqing Pei, John Ziehufer, Rolf Hilgenfeld, Kwok Yung Yuen, Luet Wong, Guangxia Gao, Saijuan Chen, Zhu Chen, Dawei Ma, Mark Bartlam, and Zihao Rao. Design of wide-spectrum inhibitors targeting coronavirus main proteases. *PLoS Biology*, 3(10): e324, September 2005. doi: 10.1371/journal.pbio.0030324.
173. Arun K. Ghosh, Jun Takayama, Kalapala Venkateswara Rao, Kiira Ratia, Rima Chaudhuri, Debbie C. Mulhearn, Hyun Lee, Daniel B. Nichols, Surendranath Baliji, Susan C. Baker, Michael E. Johnson, and Andrew D. Mesecar. Severe acute respiratory syndrome coronavirus papain-like novel protease inhibitors: Design, synthesis, protein-ligand x-ray structure and biological evaluation. *Journal of Medicinal Chemistry*, 53(13):4968–4979, July 2010. doi: 10.1021/jm1004489.
174. Chi-Yuan Chou, Chia-Hui Chien, Yu-San Han, Mojca Trstenjak Prebanda, Hsing-Pang Hsieh, Boris Turk, Gu-Gang Chang, and Xin Chen. Thiopurine analogues inhibit papain-like protease of severe acute respiratory syndrome coronavirus. *Biochemical Pharmacology*, 75(8):1601–1609, April 2008. doi: 10.1016/j.bcp.2008.01.005.
175. Kai-Wen Cheng, Shu-Chun Cheng, Wei-Yi Chen, Min-Han Lin, Shang-Ju Chuang, I-Hsin Cheng, Chiao-Yin Sun, and Chi-Yuan Chou. Thiopurine analogs and mycophenolic acid synergistically inhibit the papain-like protease of middle east respiratory syndrome coronavirus. *Antiviral Research*, 115:9–16, March 2015. doi: 10.1016/j.antiviral.2014.12.011.
176. Maria L. Agostini, Andrea J. Pruijssers, James D. Chappell, Jennifer Gribble, Xiaotao Lu, Erica L. Andres, Gregory R. Bluemling, Mark A. Lockwood, Timothy P. Sheahan, Amy C. Sims, Michael G. Natchus, Manohar Saindane, Alexander A. Kolykhalov, George R. Painter, Ralph S. Baric, and Mark R. Denison. Small-molecule antiviral β -d-n4-hydroxycytidine inhibits a proofreading-intact coronavirus with a high genetic barrier to resistance. *Journal of Virology*, 93(24), October 2019. doi: 10.1128/jvi.01348-19.
177. Timothy P. Sheahan, Amy C. Sims, Rachel L. Graham, Vineet D. Menachery, Lisa E. Gralinski, James B. Case, Sarah R. Leist, Krzysztof Pyrc, Joy Y. Feng, Iva Trantcheva, Roy Bannister, Yoojin Park, Darius Babusis, Michael O. Clarke, Richard L. Mackman, Jamie E. Spahn, Christopher A. Palmiotti, Dustin Siegel, Adrian S. Ray, Tomas Cihlar, Robert Jordan, Mark R. Denison, and Ralph S. Baric. Broad-spectrum antiviral GS-5734 inhibits both epidemic and zoonotic coronaviruses. *Science Translational Medicine*, 9(396):eaal3653, June 2017. doi: 10.1126/scitranslmed.aal3653.
178. Ying Liao, Si Min Zhang, Tuan Ling Neo, and James P. Tam. Tryptophan-dependent membrane interaction and heteromerization with the internal fusion peptide by the membrane proximal external region of SARS-CoV spike protein. *Biochemistry*, 54(9):1819–1830, February 2015. doi: 10.1021/bi501352u.
179. Richard Y. Kao, Wayne H.W. Tsui, Terri S.W. Lee, Julian A. Tanner, Rory M. Watt, Jian-Dong Huang, Lihong Hu, Guanhua Chen, Zhiwei Chen, Linqi Zhang, Tian He, Kwok-Hung Chan, Herman Tse, Amanda P.C. To, Louisa W.Y. Ng, Bonnie C.W. Wong, Hoi-Wah Tsoi, Dan Yang, David D. Ho, and Kwok-Yung Yuen. Identification of novel small-molecule inhibitors of severe acute respiratory syndrome-associated coronavirus by chemical genetics. *Chemistry & Biology*, 11(9):1293–1299, September 2004. doi: 10.1016/j.chembiol.2004.07.013.
180. Kao. Small molecule inhibitors of the SARS-CoV nsp15 endoribonuclease. *Virus Adaptation and Treatment*, page 125, September 2010. doi: 10.2147/vaat.s12733.
181. Jin-Moo Lee, Jin-Beom Cho, Hee-Chul Ahn, Woong Jung, and Yong-Joo Jeong. A novel chemical compound for inhibition of SARS coronavirus helicase. *Journal of Microbiology and Biotechnology*, 27(11):2070–2073, November 2017. doi: 10.4014/jmb.1707.07073.
182. Jin-Beom Cho, Jin-Moo Lee, Hee-Chul Ahn, and Yong-Joo Jeong. Identification of a novel small molecule inhibitor against SARS coronavirus helicase. *Journal of Microbiology and Biotechnology*, 25(12):2007–2010, December 2015. doi: 10.4014/jmb.1507.07078.
183. Mohamed Alnazawi, Abdallah Altaher, and Mahmoud Kandeel. Comparative genomic analysis MERS CoV isolated from humans and camels with special reference to virus encoded helicase. *Biological & Pharmaceutical Bulletin*, 40(8):1289–1298, 2017. doi: 10.1248/bppb.b17-00241.
184. Birgit Strodel, Olujide Olubiyi, Maryam Olagunju, Monika Keutmann, and Jennifer Loschwitz. High throughput virtual screening to discover inhibitors of the main protease of the coronavirus SARS-CoV-2. *Preprints*, April 2020. doi: 10.20944/preprints202004.0161.v1.
185. Yadi Zhou, Yuan Hou, Jiayu Shen, Yin Huang, William Martin, and Feixiong Cheng. Network-based drug repurposing for novel coronavirus 2019-nCoV/SARS-CoV-2. *Cell Discovery*, 6(1), March 2020. doi: 10.1038/s41421-020-0153-3.
186. Biswajit Naik, Nidhi Gupta, Rupal Ojha, Satyendra Singh, Vijay Kumar Prajapati, and Dhaneswar Prusty. High throughput virtual screening reveals SARS-CoV-2 multi-target binding natural compounds to lead instant therapy for COVID-19 treatment. *International Journal of Biological Macromolecules*, 160:1–17, October 2020. doi: 10.1016/j.ijbiomac.2020.05.184.
187. André Fischer, Manuel Sellner, Santhosh Naranjan, Martin Smieško, and Markus A. Lill. Potential inhibitors for novel coronavirus protease identified by virtual screening of 606 million compounds. *International Journal of Molecular Sciences*, 21(10):3626, May 2020. doi: 10.3390/ijms21103626.
188. Anh-Tien Ton, Francesco Gentile, Michael Hsing, Fuqiang Ban, and Artem Cherkasov. Rapid identification of potential inhibitors of SARS-CoV-2 main protease by deep docking of 1.3 billion compounds. *Molecular Informatics*, March 2020. doi: 10.1002/minf.202000028.
189. Pritam K. Panda, Murugan N. Arul, Paritosh Patel, Suresh K. Verma, Wei Luo, Horst-Günter Rubahn, Yogendra K. Mishra, Mrutyunjay Suar, and Rajeev Ahuja. Structure-based drug designing and immunoinformatics approach for SARS-CoV-2. *Science Advances*, page eabb8097, June 2020. doi: 10.1126/sciadv.abb8097.
190. Ran Yu, Liang Chen, Rong Lan, Rong Shen, and Peng Li. Computational screening of antagonists against the SARS-CoV-2 (COVID-19) coronavirus by molecular docking. *International Journal of Antimicrobial Agents*, page 106012, May 2020. doi: 10.1016/j.ijantimicag.2020.106012.
191. Sweta Singh and Hector Florez. Coronavirus disease 2019 drug discovery through molecular docking. *F1000Research*, 9:502, June 2020. doi: 10.12688/f1000research.24218.1.
192. Onat Kadioglu, Mohamed Saeed, Henry Johannes Greten, and Thomas Effert. Identification of novel compounds against three targets of SARS CoV-2 coronavirus by combined virtual screening and supervised machine learning. *Bulletin of the World Health Organization*, March 2020. doi: 10.2471/blt.20.255943. [Preprint].
193. David E. Gordon, Gwendolyn M. Jang, Mehdi Bouhaddou, Jiewei Xu, Kirsten Obernier, Kris M. White, Matthew J. O'Meara, Veronica V. Rezelj, Jeffrey Z. Guo, Danielle L. Swaney, Tia A. Tummino, Ruth Hüttenhain, Robyn M. Kaake, Alicia L. Richards, Beril Tutuncuoglu, Helene Foussard, Jyoti Batra, Kelsey Haas, Maya Modak, Minkyu Kim, Paige Haas, Benjamin J. Polacco, Hannes Braberg, Jacqueline M. Fabius, Manon Eckhardt, Margaret Soucheray, Melanie J. Bennett, Merve Cakir, Michael J. McGregor, Qiongyu Li, Bjoern Meyer, Ferdinand Roesch, Thomas Vallet, Alice Mac Kain, Lisa Miorin, Elena Moreno, Zun Zar Chi Naing, Yuan Zhou, Shiming Peng, Ying Shi, Ziyang Zhang, Wenqi Shen, Ilsa T. Kirby, James E. Melnyk, John S. Chorba, Kevin Lou, Shizhong A. Dai, Inigo Barrio-Hernandez, Danish Memon, Claudia Hernandez-Armenta, Jiankun Lyu, Christopher J. P. Mathy, Tina Perica, Kala Bharath Pilla, Sai J. Ganesan, Daniel J. Saltzberg, Ramachandran Rakesh, Xi Liu, Sara B. Rosenthal, Lorenzo Calviello, Srivats Venkataramanan, Jose Liboy-Lugo, Yizhu Lin, Xi-Ping Huang, YongFeng Liu, Stephanie A. Wankowicz, Markus Bohn, Malihah Safari, Fatima S. Ugur, Cassandra Koh, Nastaran Sadat Savar, Quang Dinh Tran, Djoskhun Shengjuler, Sabrina J. Fletcher, Michael G. O'Neal, Yiming Cai, Jason C. J. Chang, David J. Broadhurst, Saker Kippsten, Phillip P. Sharp, Nicole A. Wenzell, Duygu Kuzuoglu-Ozturk, Hao-Yuan Wang, Raphael Trenker, Janet M. Young, Devin A. Caverio, Joseph Hiatt, Theodore L. Roth, Ujjwal Rathore, Advait Subramanian, Julia Noack, Mathieu Hubert, Robert M. Stroud, Alan D. Frankel, Oren S. Rosenberg, Kliment A. Verba, David A. Agard, Melanie Ott, Michael Emerman, Natalia Jura, Mark von Zastrow, Eric Verdin, Alan Ashworth, Olivier Schwartz, Christophe d'Enfert, Shaeri Mukherjee, Matt Jacobson, Harmit S. Malik, Danica G. Fujimori, Trey Ideker, Charles S. Craik, Stephen N. Floor, James S. Fraser, John D. Gross, Andrew Salí, Bryan L. Roth, Davide Ruggero, Jack Taunton, Tanja Kortemme, Pedro Beltrao, Marco Vignuzzi, Adolfo García-Sastre, Kevan M. Shokat, Brian K. Shoichet, and Nevan J. Krogan. A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. *Nature*, April 2020. doi: 10.1038/s41586-020-2286-9.
194. Mehdi Bouhaddou, Danish Memon, Bjoern Meyer, Kris M. White, Veronica V. Rezelj, Miguel Correa Marrero, Benjamin J. Polacco, James E. Melnyk, Svenja Ulferts, Robyn M. Kaake, Jyoti Batra, Alicia L. Richards, Erica Stevenson, David E. Gordon, Ajda Rojc, Kirsten Obernier, Jacqueline M. Fabius, Margaret Soucheray, Lisa Miorin, Elena Moreno, Cassandra Koh, Quang Dinh Tran, Alexandra Hardy, Rémy Robinot, Thomas Vallet, Benjamin E. Nilsson-Payant, Claudia Hernandez-Armenta, Alistair Dunham, Sebastian Weigang, Julian Knerr, Maya Modak, Diego Quintero, Yuan Zhou, Aurelien Dugoud, Alberto Valdeolivas, Trupti Patil, Qiongyu Li, Ruth Hüttenhain, Merve Cakir, Monita Muralidharan, Minkyu Kim, Gwendolyn Jang, Beril Tutuncuoglu, Joseph Hiatt, Jeffrey Z. Guo, Jiewei Xu, Sophia Bouhaddou, Christopher J.P. Mathy, Anna Gaulton, Emma J. Manners, Eloy Félix, Ying Shi, Marisa Goff, Jean K. Lim, Timothy McBride, Michael C. O'Neal, Yiming Cai, Jason C.J. Chang, David J. Broadhurst, Saker Kippsten, Emmie De wit, Andrew R. Leach, Tanja Kortemme, Brian Shoichet, Melanie Ott, Julio Saez-De-Rodriguez, Benjamin R. Tenover, R. Dyché Mullins, Elizabeth R. Fischer, Georg Kochs, Robert Grosse, Adolfo García-Sastre, Marco Vignuzzi, Jeffrey R. Johnson, Kevan M. Shokat, Danielle L. Swaney, Pedro Beltrao, and Nevan J. Krogan. The global phosphorylation landscape of SARS-CoV-2 infection. *Cell*, June 2020. doi: 10.1016/j.cell.2020.06.034.
195. Stefano Vella, Bernard Schwartländer, Salif Papa Sow, Serge Paul Eholie, and Robert L. Murphy. The history of antiretroviral therapy and of its implementation in resource-limited areas of the world. *AIDS*, 26(10):1231–1241, June 2012. doi: 10.1097/qad.0b013e32835521a3.
196. Daniel R. Kuritzkes, Ian Marschner, Victoria A. Johnson, Roland Bassett, Joseph J. Eron, Margaret A. Fischl, Robert L. Murphy, Kenneth Fife, Janine Maenza, Mary E. Rosandich, Dawn Bell, Ken Wood, Jean-Pierre Sommadossi, and Carla Pettinelli. Lamivudine in combination with zidovudine, stavudine, or didanosine in patients with HIV-1 infection: a randomized, double-blind, placebo-controlled trial. *AIDS*, 13(6):685–694, April 1999. doi: 10.1097/00002030-199904160-00009.
197. Frank J. Palella, Kathleen M. Delaney, Anne C. Moorman, Mark O. Loveless, Jack Fuhrer, Glen A. Satten, Diane J. Aschman, and Scott D. Holmberg. Declining morbidity and mortality among patients with advanced human immunodeficiency virus infection. *New England Journal of Medicine*, 338(13):853–860, March 1998. doi: 10.1056/nejm199803263381301.
198. Jake Dunning, J. Kenneth Baillie, Bin Cao, and Frederick G. Hayden. Antiviral combinations for severe influenza. *The Lancet Infectious Diseases*, 14(12):1259–1270, December 2014. doi: 10.1016/s1473-3099(14)70821-7.
199. Ivan F.N. Hung, Kelvin K.W. To, Jasper F.W. Chan, Vincent C.C. Cheng, Kevin S.H. Liu, Anthony Tam, Tuen-Ching Chan, Anna Jinxia Zhang, Patrick Li, Tin-Lun Wong, Ricky Zhang, Michael K.S. Cheung, William Leung, Johnson Y.N. Lau, Manson Fok, Honglin Chen, Kwok-Hung Chan, and Kwok-Yung Yuen. Efficacy of clarithromycin-naproxen-oseltamivir combination in the treatment of patients hospitalized for influenza a(h3n2) infection. *Chest*, 151(5):1069–1080, May 2017. doi: 10.1016/j.chest.2016.11.012.
200. Peter Jehl, Jean Manguy, Denis C. Shields, Desmond G. Higgins, and Norman E. Davey. ProViz—a web-based visualization tool to investigate the functional and evolutionary features of protein sequences. *Nucleic Acids Research*, 44(W1):W11–W15, April 2016. doi: 10.1093/nar/gkw265.
201. Allison L. Totura and Sina Bavari. Broad-spectrum coronavirus antiviral drug discovery. *Expert Opinion on Drug Discovery*, 14(4):397–412, March 2019. doi: 10.1080/17460441.2019.1581171.
202. Domenico Benvenuto, Marta Giovanetti, Alessandra Ciccozzi, Silvia Spoto, Silvia Angeletti, and Massimo Ciccozzi. The 2019-new coronavirus epidemic: Evidence for virus evolution. *Journal of Medical Virology*, 92(4):455–459, February 2020. doi: 10.1002/jmv.25688.
203. James Hadfield. Genomic epidemiology of novel coronavirus - global subsampling, 2020. <http://nextstrain.org/ncov/global>.
204. Suhas Srinivasan, Hongzhu Cui, Ziyang Gao, Ming Liu, Senbao Lu, Winnie Mkandawire, Oleksandr Narykov, Mo Sun, and Dmitry Korin. Structural genomics of SARS-CoV-2 indicates evolutionary conserved functional regions of viral proteins. *Viruses*, 12(4):360, March 2020. doi: 10.3390/v12040360.

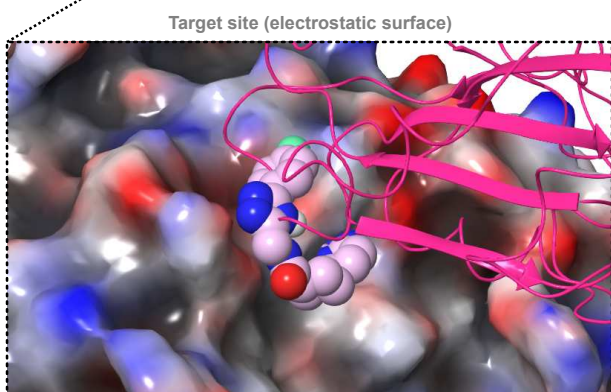
205. Samantha Warren, Xiu-Feng Wan, Gavin Conant, and Dmitry Korkin. Extreme evolutionary conservation of functionally important regions in H1N1 influenza proteome. *PLoS ONE*, 8 (11):e81027, November 2013. doi: 10.1371/journal.pone.0081027.
206. Lulan Wang, Stephanie G. Valderramos, Aiping Wu, Songying Ouyang, Chunfeng Li, Patricia Brasil, Myrna Bonaldo, Thomas Coates, Karin Nielsen-Saines, Taijiao Jiang, Roghiyh Aliyari, and Genhong Cheng. From mosquitos to humans: Genetic evolution of zika virus. *Cell Host & Microbe*, 19(5):561–565, May 2016. doi: 10.1016/j.chom.2016.04.006.
207. Olga S. Voitenko, Andi Dhroso, Anna Feldmann, Dmitry Korkin, and Olga V. Kalinina. Patterns of amino acid conservation in human and animal immunodeficiency viruses. *Bioinformatics*, 32(17):i685–i692, September 2016. doi: 10.1093/bioinformatics/btw441.
208. Krzysztof Pyrc, Amy C. Sims, Ronald Dijkman, Maarten Jebbink, Casey Long, Damon Deming, Eric Donaldson, Astrid Vabret, Ralph Baric, Lia van der Hoek, and Raymond Pickles. Culturing the unculturable: Human coronavirus HKU1 infects, replicates, and produces progeny virions in human ciliated airway epithelial cell cultures. *Journal of Virology*, 84(21):11255–11263, August 2010. doi: 10.1128/jvi.00947-10.
209. Renee W Y Chan, Maged G Hemida, Ghazi Kayali, Daniel K W Chu, Leo L M Poon, Abdelmohsen Alnaeem, Mohamed A Ali, Kin P Tao, Hoi Y Ng, Michael C W Chan, Yi Guan, John M Nicholls, and J S Malik Peiris. Tropism and replication of middle east respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. *The Lancet Respiratory Medicine*, 2(10):813–822, October 2014. doi: 10.1016/s2213-2600(14)70158-4.
210. Timothy P. Sheahan, Amy C. Sims, Shuntai Zhou, Rachel L. Graham, Andrea J. Pruijssers, Maria L. Agostini, Sarah R. Leist, Alexandra Schäfer, Kenneth H. Dinnon, Laura J. Stevens, James D. Chappell, Xiaotao Lu, Tia M. Hughes, Amelia S. George, Collin S. Hill, Stephanie A. Montgomery, Ariane J. Brown, Gregory R. Bluemling, Michael G. Natchus, Manohar Saindane, Alexander A. Kolykhalov, George Painter, Jennifer Harcourt, Azaibi Tamin, Natalie J. Thornburg, Ronald Swanstrom, Mark R. Denison, and Ralph S. Baric. An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. *Science Translational Medicine*, 12(541):eabb5883, April 2020. doi: 10.1126/scitranslmed.abb5883.

Supplementary Information

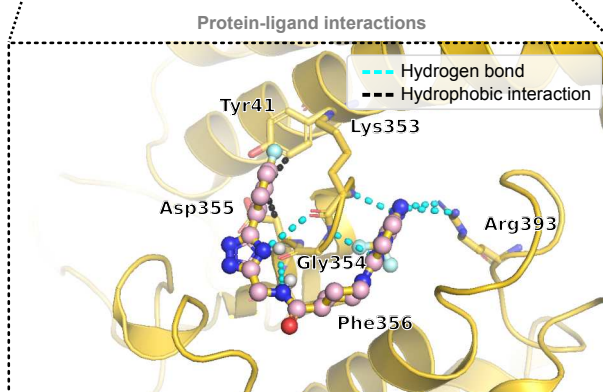
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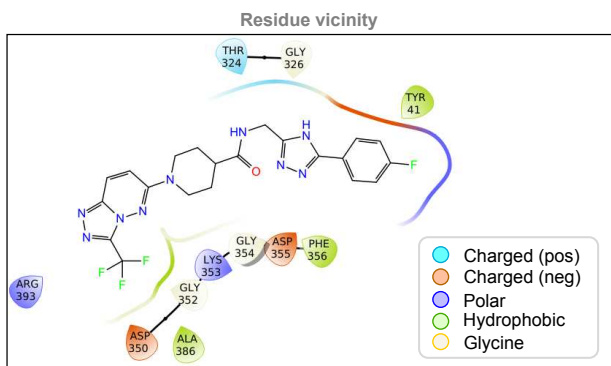
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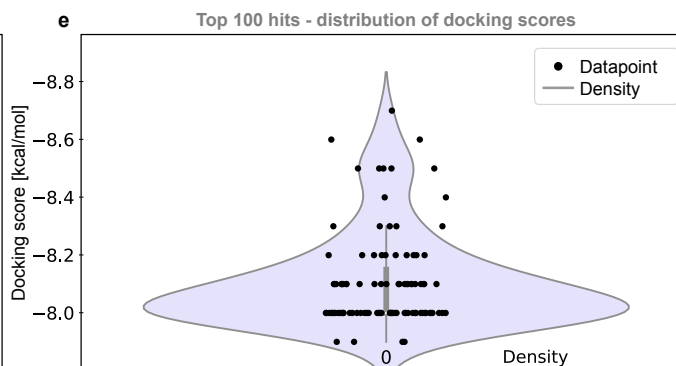
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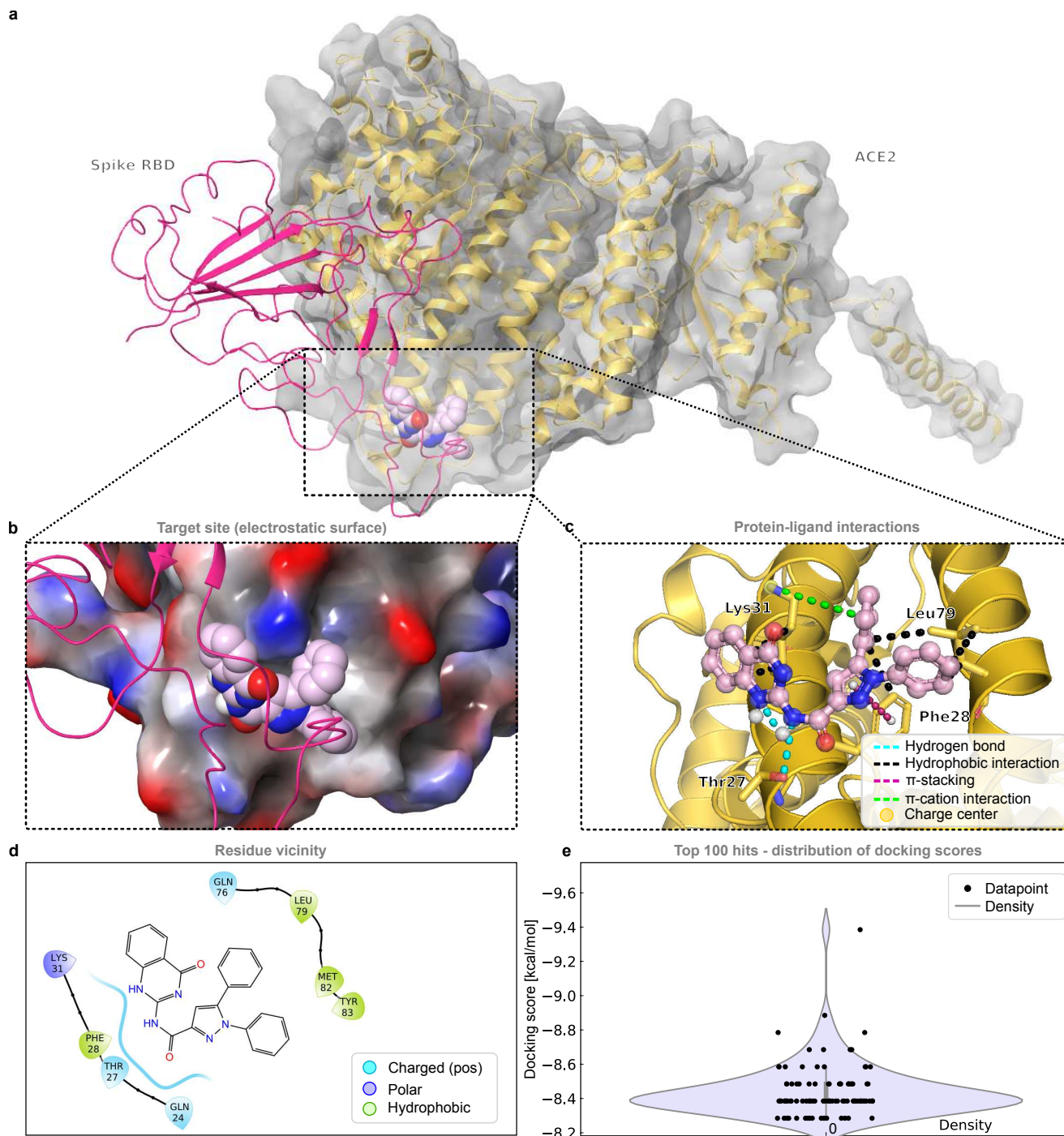
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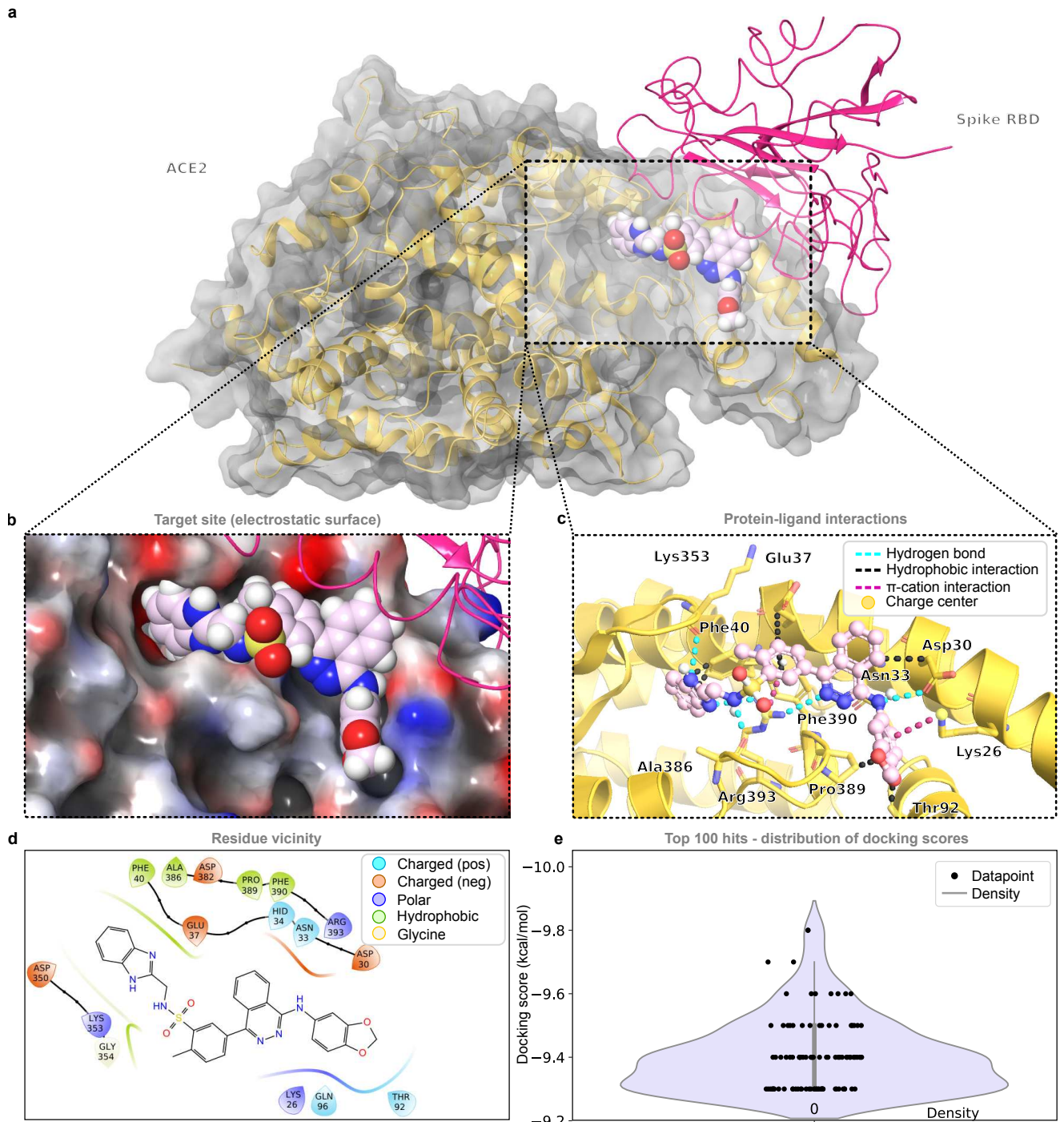
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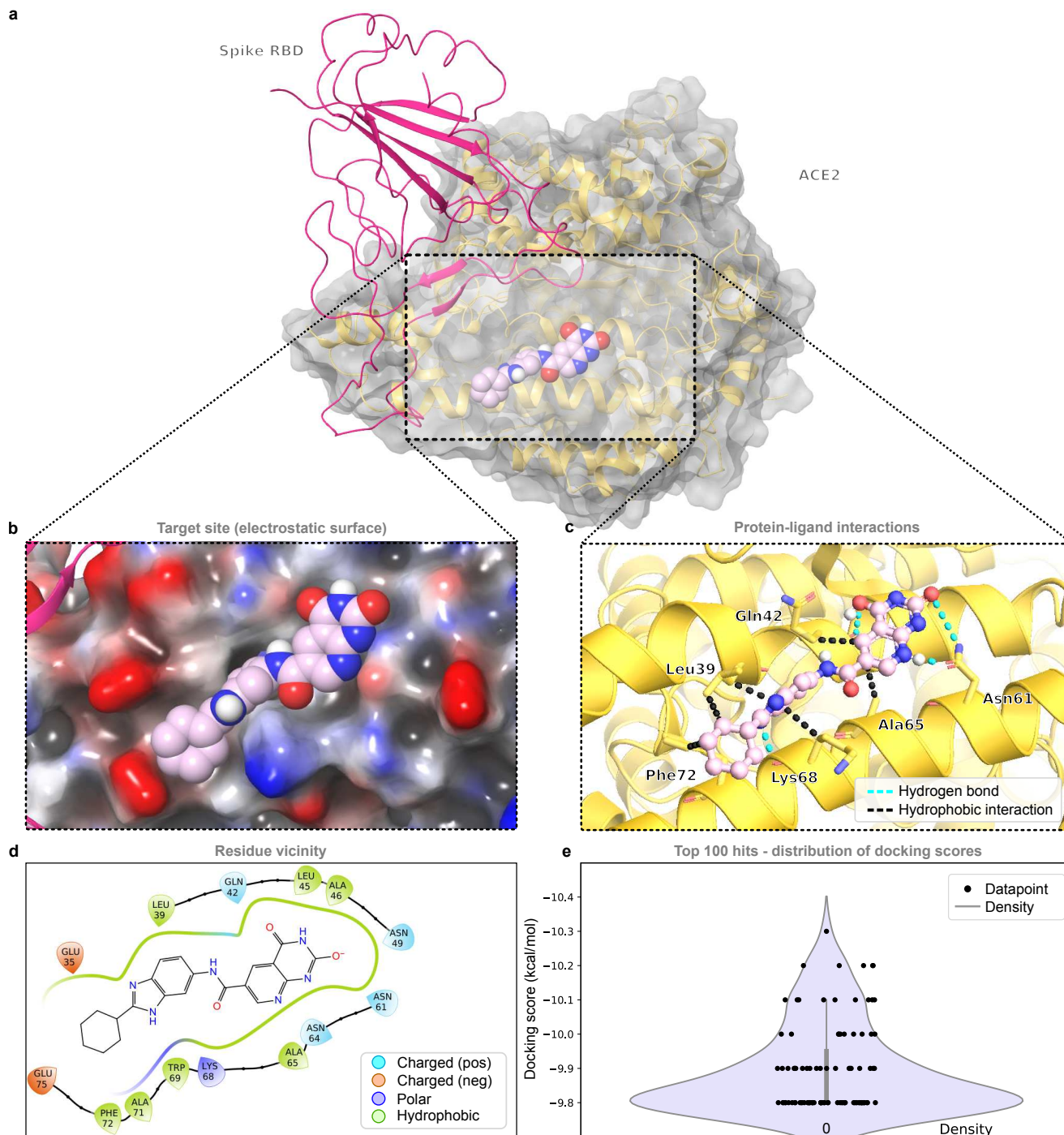
Supplementary Fig. 1. The ACE2 receptor (closed conformation) and an example compound from the top 0.0001% of screened compounds bound at the spike protein interaction interface (site 1). **a**, The target protein ACE2 (gold) in a closed conformation bound to the RBD of the spike protein (magenta) and an example compound (light pink) from the virtual screen bound to the spike protein interaction interface (Screen ID: 2)(site 1, around Glu37). **b**, Electrostatic surface of the target protein (ACE2) bound to the RBD domain of the spike protein and an example compound (light pink). **c**, An overview of the interactions between the ligand and the receptor structure. **d**, Residues within 4 Å of the ligand. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



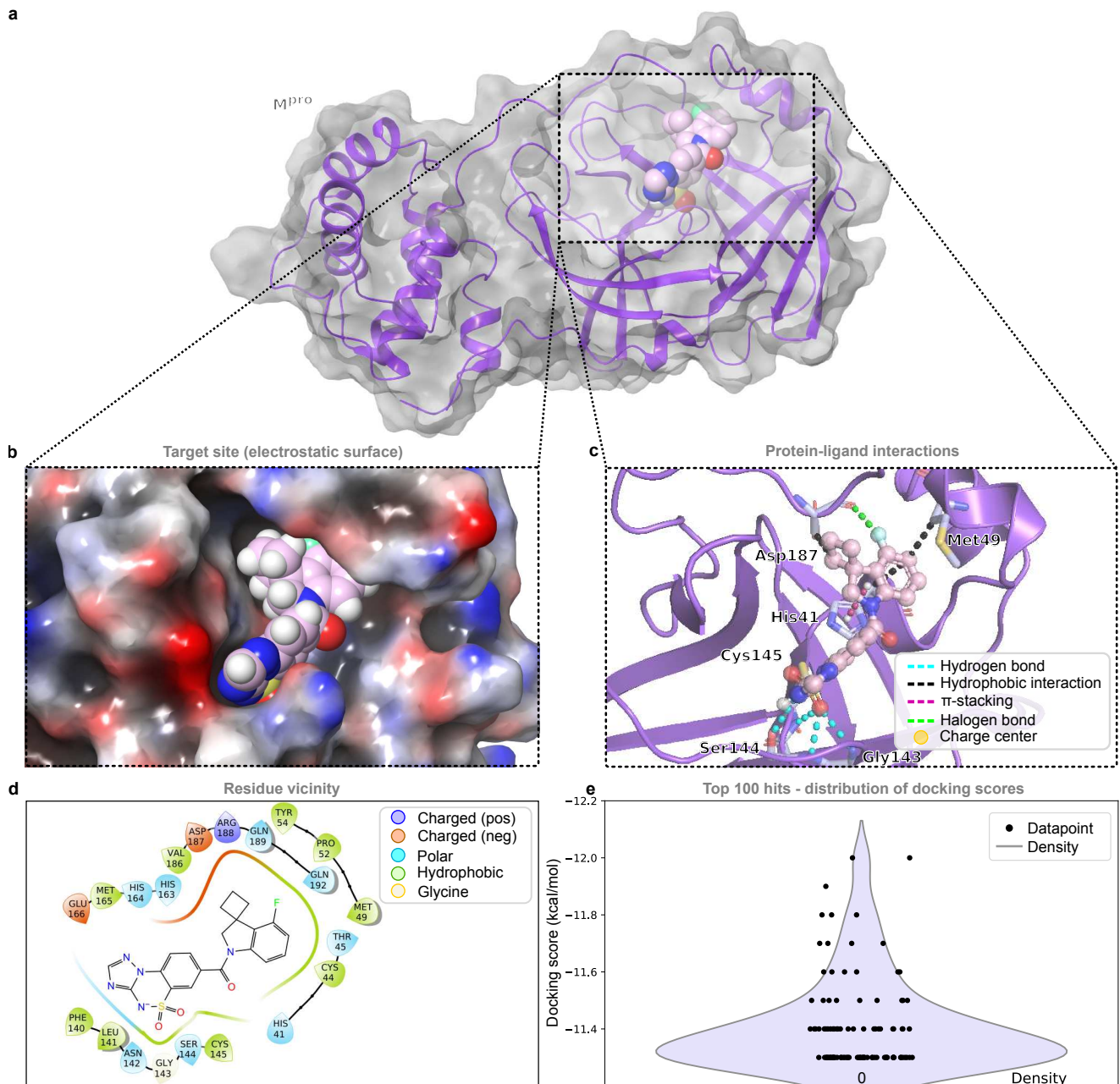
Supplementary Fig. 2. The ACE2 receptor (open conformation) and an example compound from the top 0.0001% of screened compounds bound at the spike interaction interface (site 2). **a**, The target protein ACE2 (gold) in a closed conformation bound to the RBD of the spike protein (magenta) and an example compound (light pink) from the virtual screen bound to the spike protein interaction interface (Screen ID: 3)(site 2, around Phe28). **b**, Electrostatic surface of the target protein (ACE2) bound to the RBD domain of the spike protein and an example compound (light pink). **c**, An overview of the interactions between the ligand and the receptor structure. **d**, Residues within 4 Å of the ligand. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



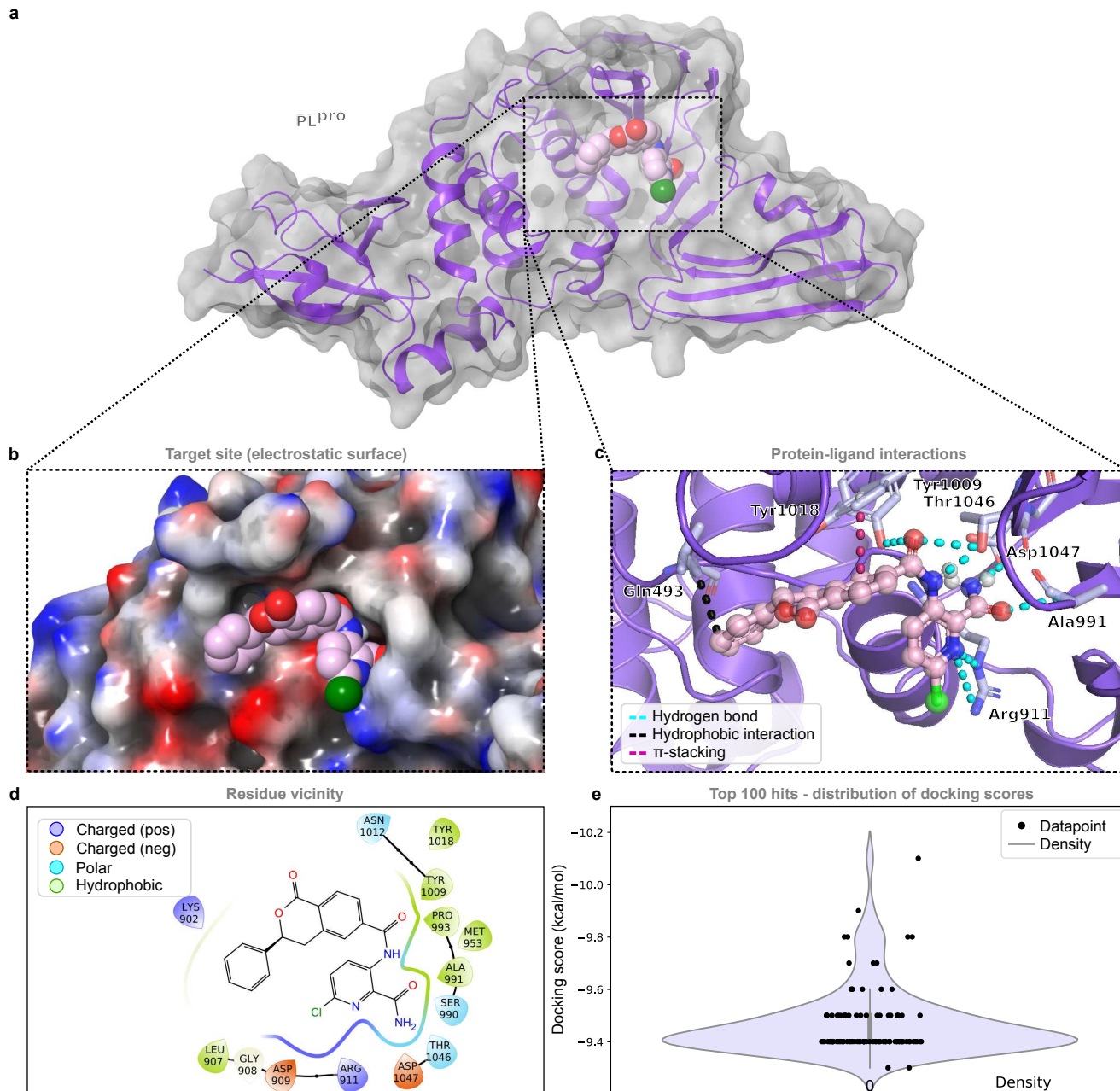
Supplementary Fig. 3. The ACE2 receptor (open conformation) and an example compound from the top 0.0001% of screened compounds bound near the spike interaction interface (site 3). **a**, The target protein ACE2 (gold) in a closed conformation bound to the RBD of the spike protein (magenta) and an example compound (light pink) from the virtual screen bound to target site 3 (around Phe40), which contains a dynamic pocket located adjacent to the RBD interface (Screen ID: 4). **b**, Electrostatic surface of the target protein (ACE2) bound to the RBD domain of the spike protein (magenta) and an example compound (light pink). **c**, An overview of the interactions between the ligand and the receptor structure. **d**, Residues within 4 Å of the ligand. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



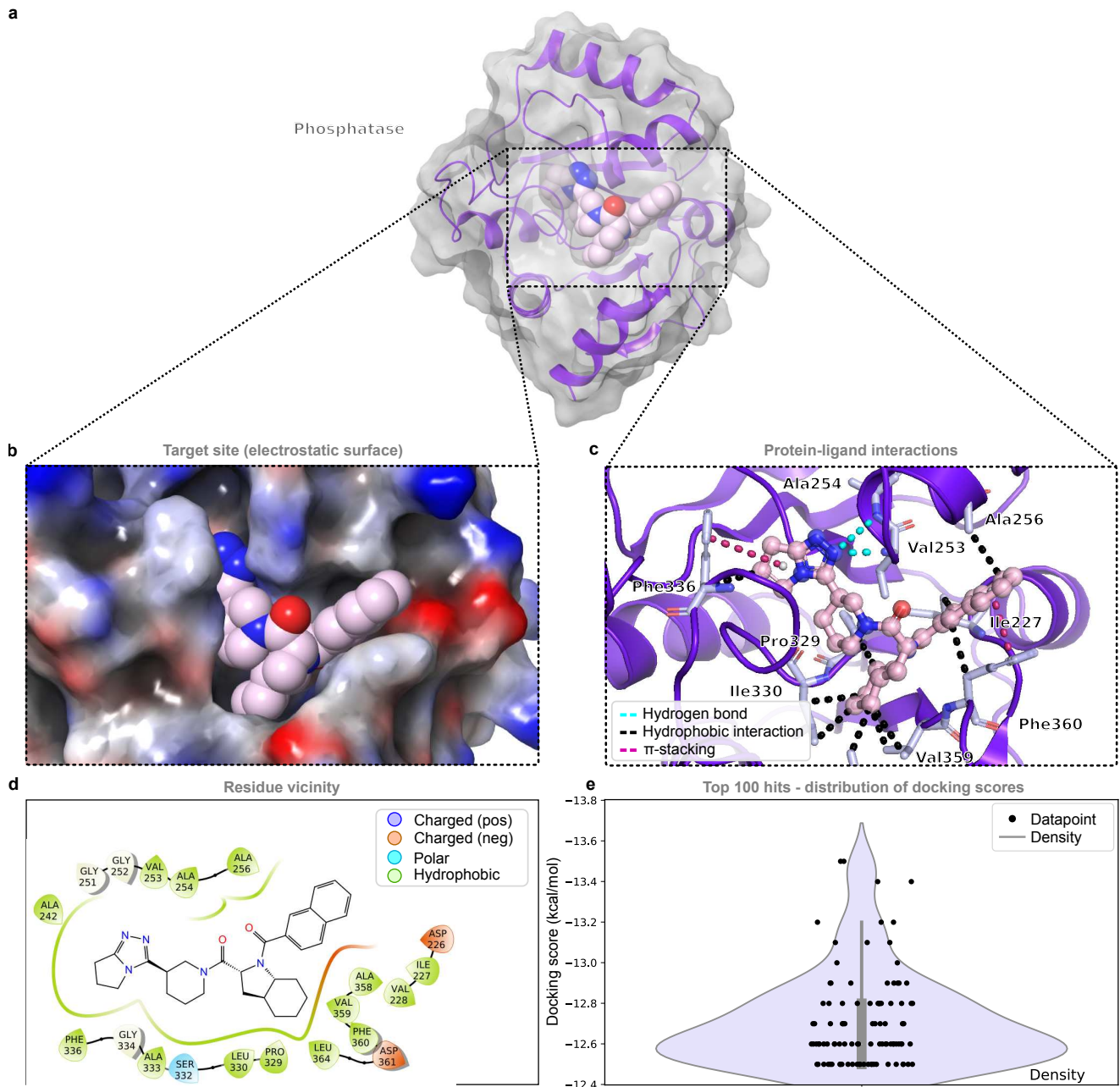
Supplementary Fig. 4. The ACE2 receptor (open conformation) and an example compound from the top 0.0001% of screened compounds bound near the spike interaction interface. **a**, The target protein ACE2 (gold) in a closed conformation bound to the RBD of the spike protein (magenta) and an example compound (light pink) from the virtual screen bound to target site 4 (around Leu39), which represents a dynamic pocket adjacent to the RBD binding interface (Screen ID:5). **b**, Electrostatic surface of the target protein (ACE2) bound to the RBD domain of the spike protein (magenta) and an example compound (light pink). **c**, An overview of the interactions between the ligand and the receptor structure. **d**, Residues within 4 Å of the ligand. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



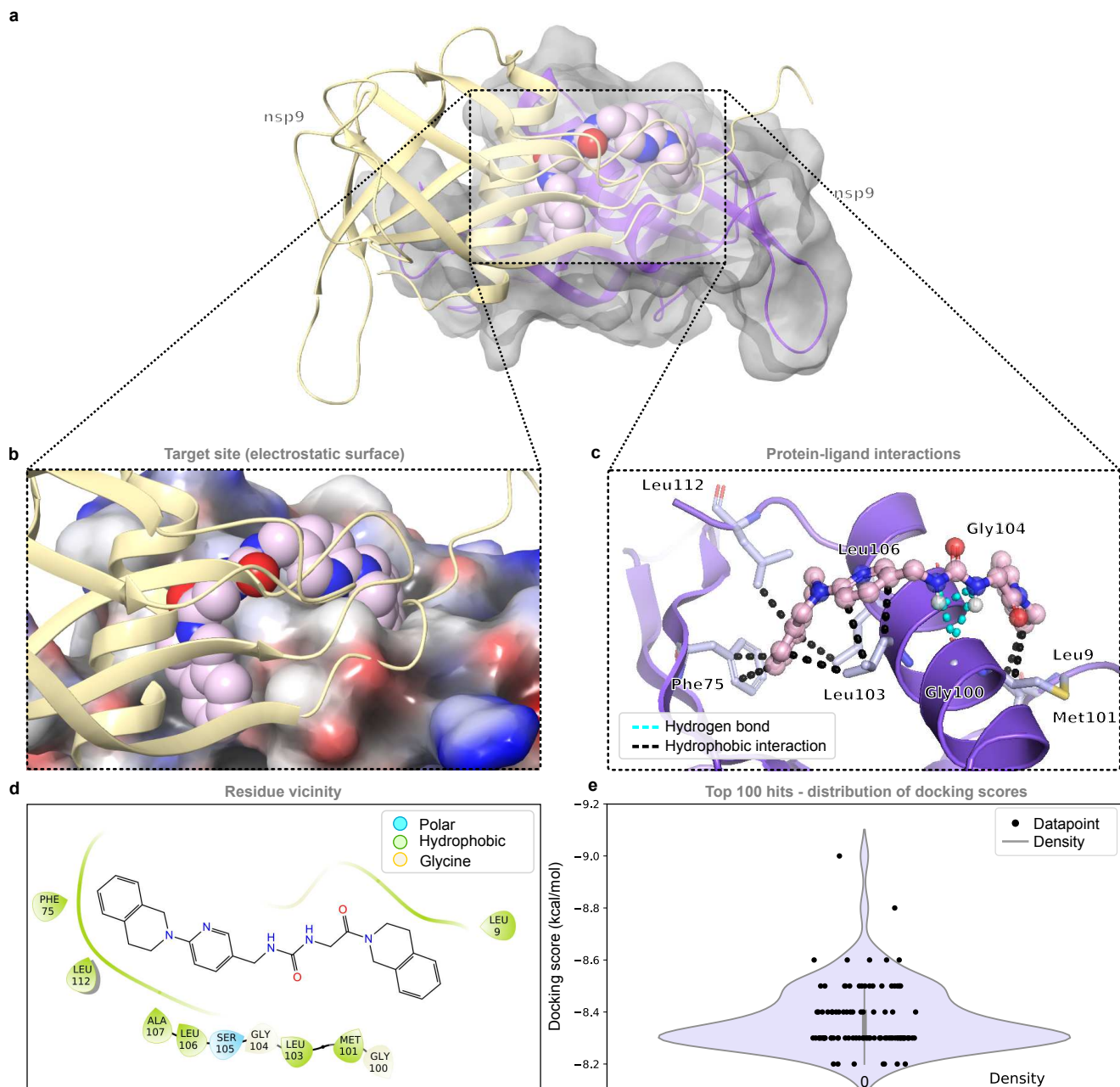
Supplementary Fig. 5. M^{pro} and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site **a**, M^{pro} (violet) and an example compound (light pink) from the virtual screen bound to the active site. Here, a modified version of the structure with PDB ID 6m0k was used (details are described in the main text)(Screen ID: 17). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the protease structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



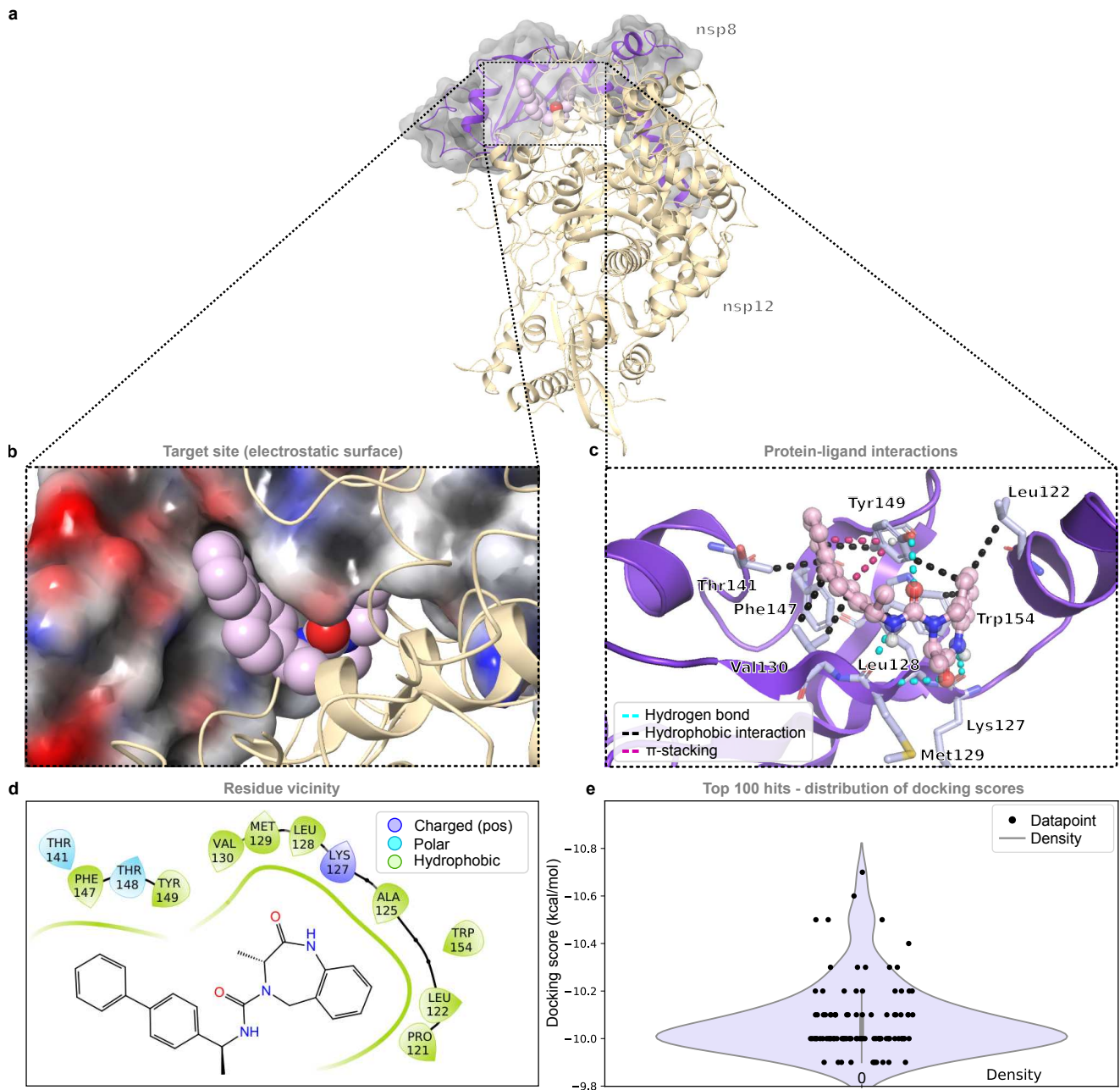
Supplementary Fig. 6. PL^{PRO} and an example compound from the top 0.0001% of screened compounds bound at the accessory pocket near the active site. a, PL^{PRO} (violet) and an example compound (light pink) from the virtual screen bound at the accessory pocket near the active site (screen ID:13). **b,** Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c,** An overview of the interactions between the inhibitor and the protease structure. **d,** Residues within 4 Å of the inhibitor. **e,** Distribution of the docking scores of the top 100 virtual screening hits.



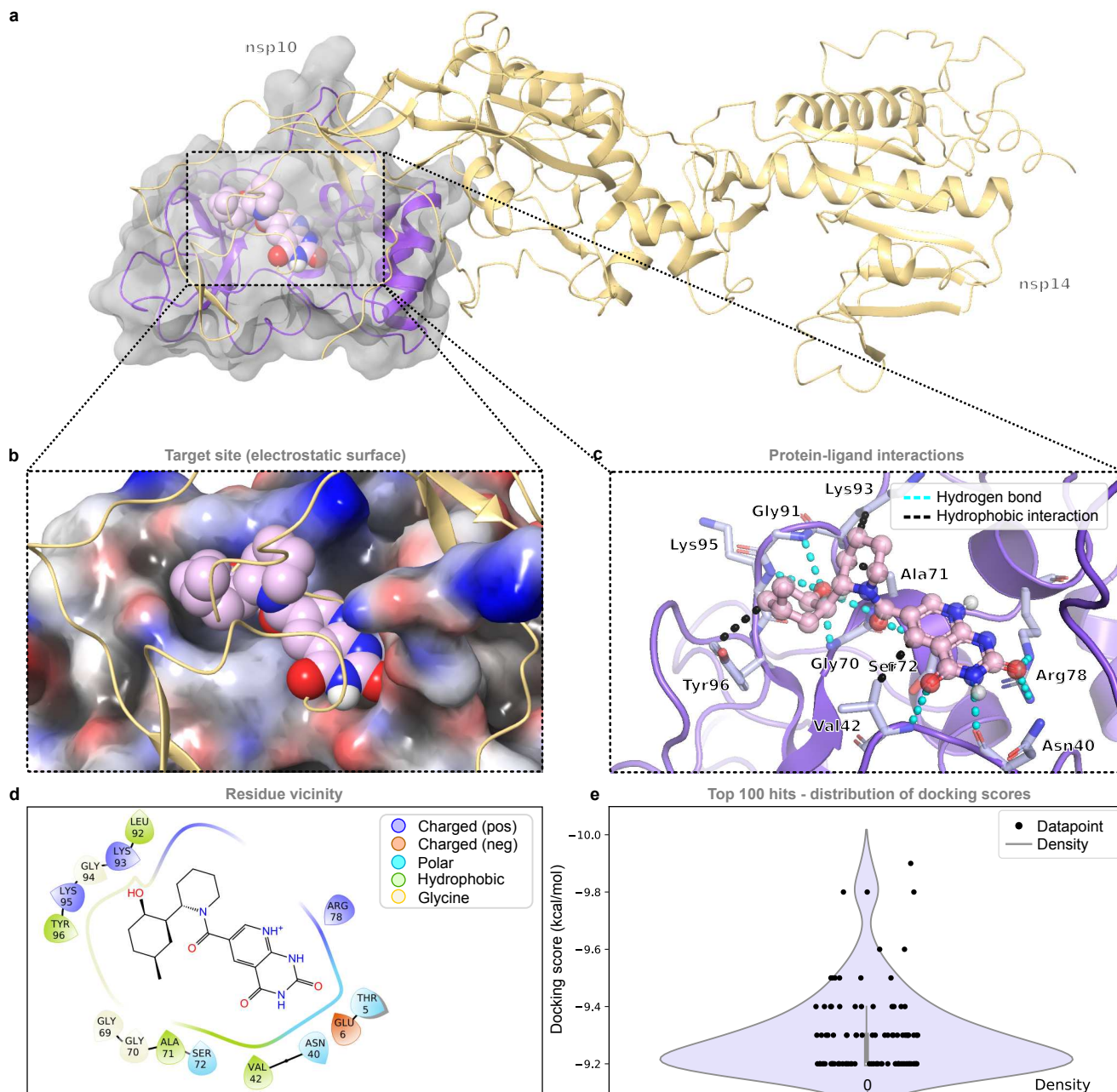
Supplementary Fig. 7. The phosphatase (open conformation) and an example compound from the top 0.0001% of screened compounds bound at the enzymatic active site. a. The phosphatase (violet) which is part of nsp3 and an example compound (light pink) from the virtual screen bound to the active site (closed conformation)(Screen ID: 11). **b.** Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c.** An overview of the interactions between the inhibitor and the phosphatase structure. **d.** Residues within 4 Å of the inhibitor. **e.** Distribution of the docking scores of the top 100 virtual screening hits.



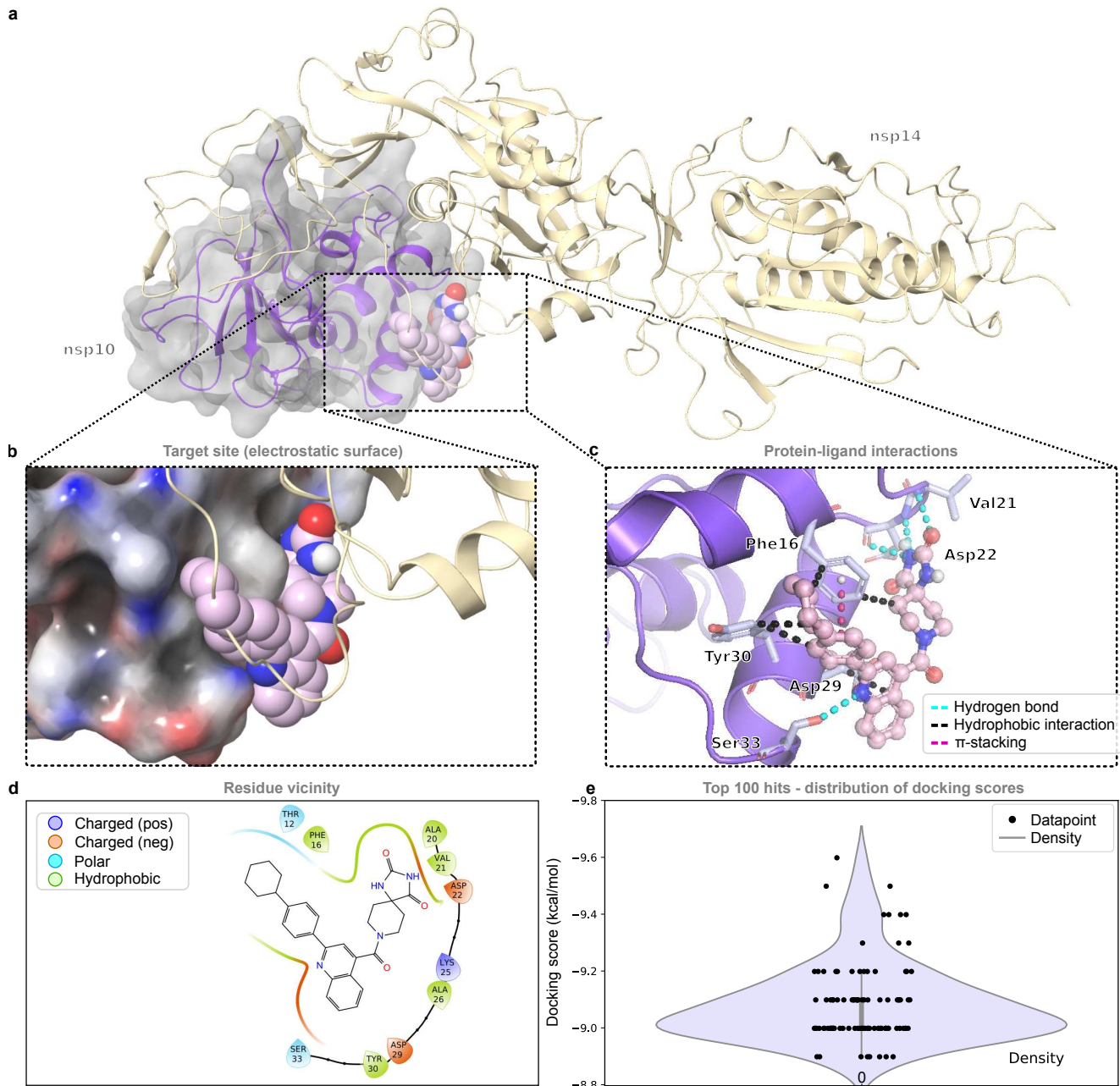
Supplementary Fig. 8. nsp9 and an example compound from the top 0.0001% of screened compounds bound at the dimerization interface (site 1). **a**, nsp9 dimer (one monomer in violet, one monomer in gold), where an example compound (light pink) from the virtual screen is bound to the dimerization interface (site 1) of the nsp9 monomer in violet (Screen ID:23). **b**, Electrostatic surface of the target protein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the inhibitor and the nsp9 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



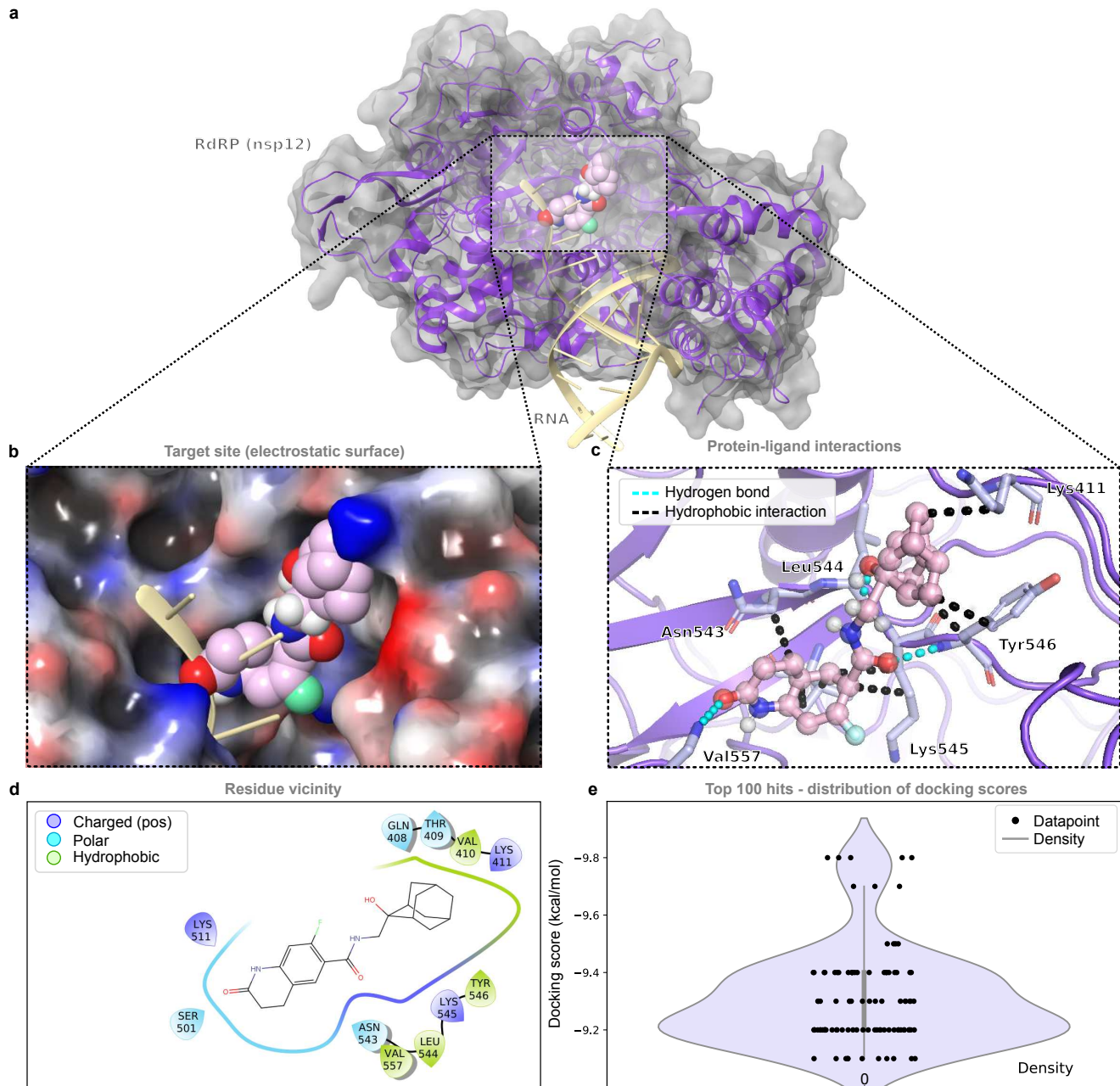
Supplementary Fig. 9. nsp8 and an example compound from the top 0.0001% of screened compounds bound at the nsp12 binding interface. a, nsp8 (violet) bound to nsp12 (in light gold) and an example compound (light pink) at the nsp12 binding interface (Screen ID: 22). **b,** Electrostatic surface of nsp8 to which an example compound (light pink) and nsp12 (light gold) is bound. **c,** An overview of the interactions between the inhibitor and the nsp8 structure. **d,** Residues within 4 Å of the inhibitor. **e,** Distribution of the docking scores of the top 100 virtual screening hits.



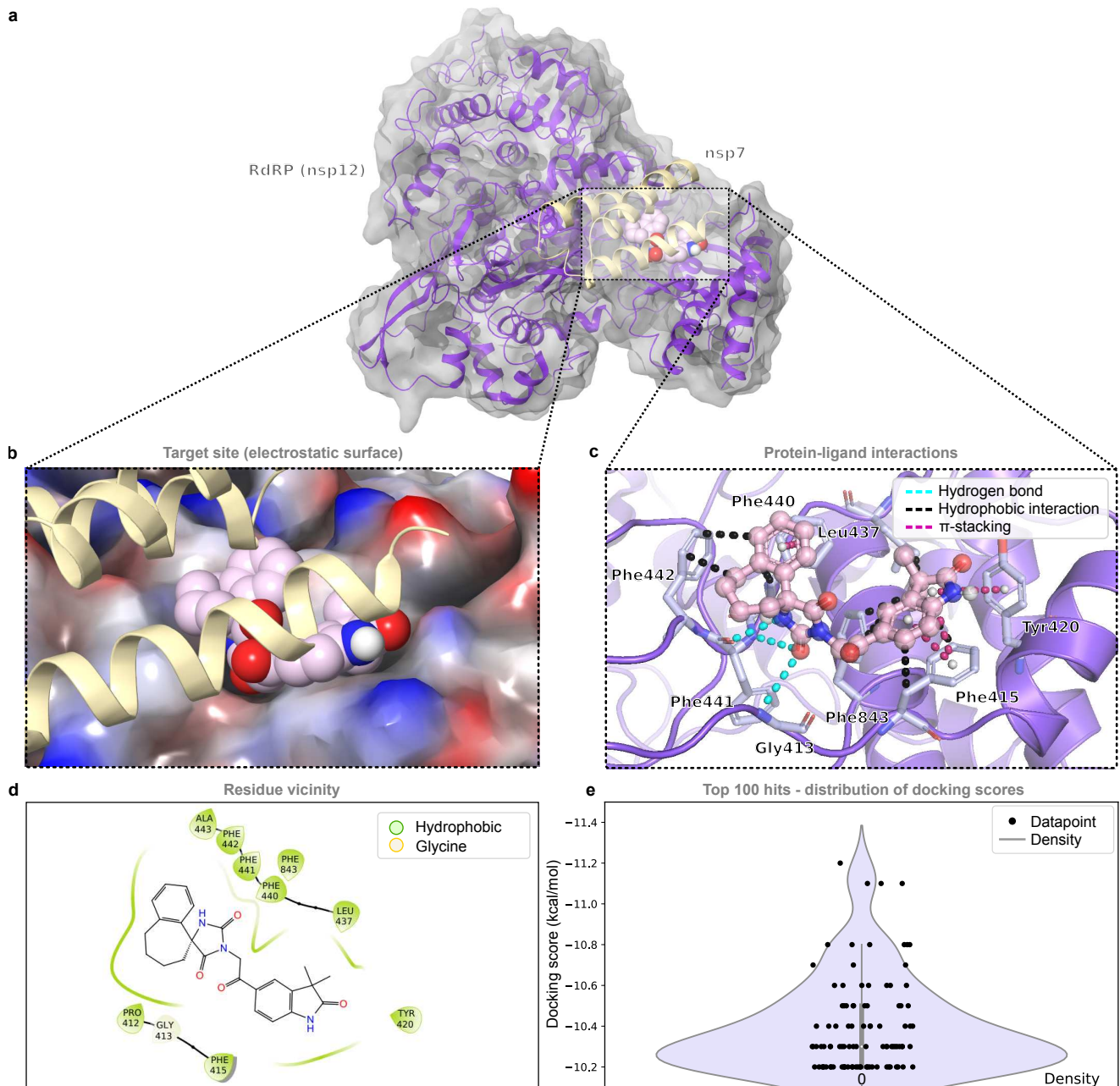
Supplementary Fig. 10. nsp10 and an example compound from the top 0.0001% of screened compounds bound at the binding interface to nsp14 and nsp16. **a**, nsp10 (violet) bound to nsp14 (light gold) and an example compound (light pink) at the binding interface of nsp10 to nsp14 and nsp16 (Screen ID: 26). **b**, Electrostatic surface of nsp10 to which an example compound (light pink) and nsp14 (light gold cartoon) are bound. **c**, An overview of the interactions between the inhibitor and the nsp10 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



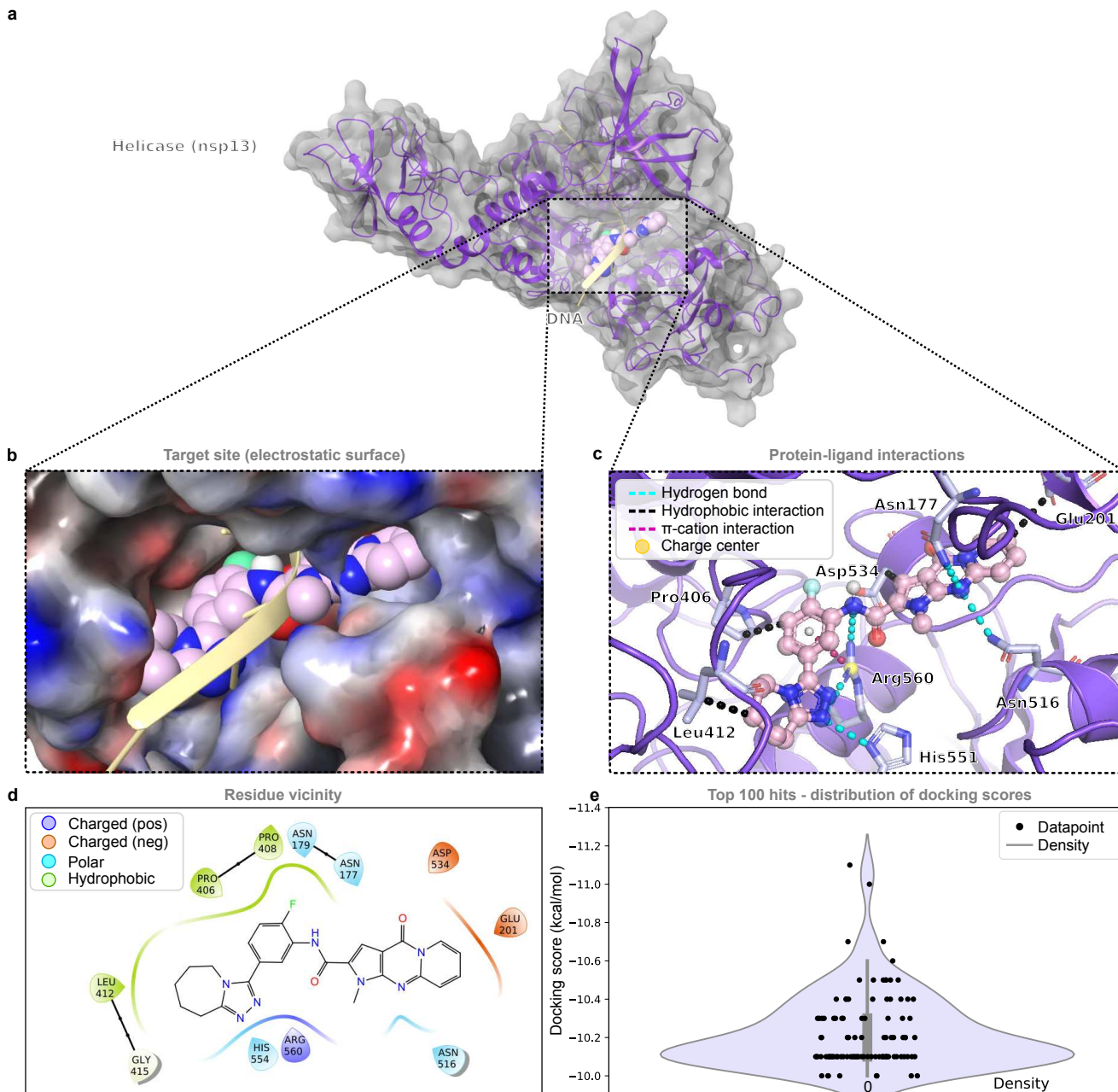
Supplementary Fig. 11. nsp10 and an example compound from the top 0.0001% of screened compounds bound at the nsp14 binding interface. a, nsp10 (violet) bound to nsp14 (light gold) and an example compound (light pink) at the nsp14 binding interface of nsp10 (Screen ID: 27). **b**, Electrostatic surface of nsp10 to which an example compound (light pink) and nsp14 (light gold) are bound. **c**, An overview of the interactions between the inhibitor and the nsp10 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



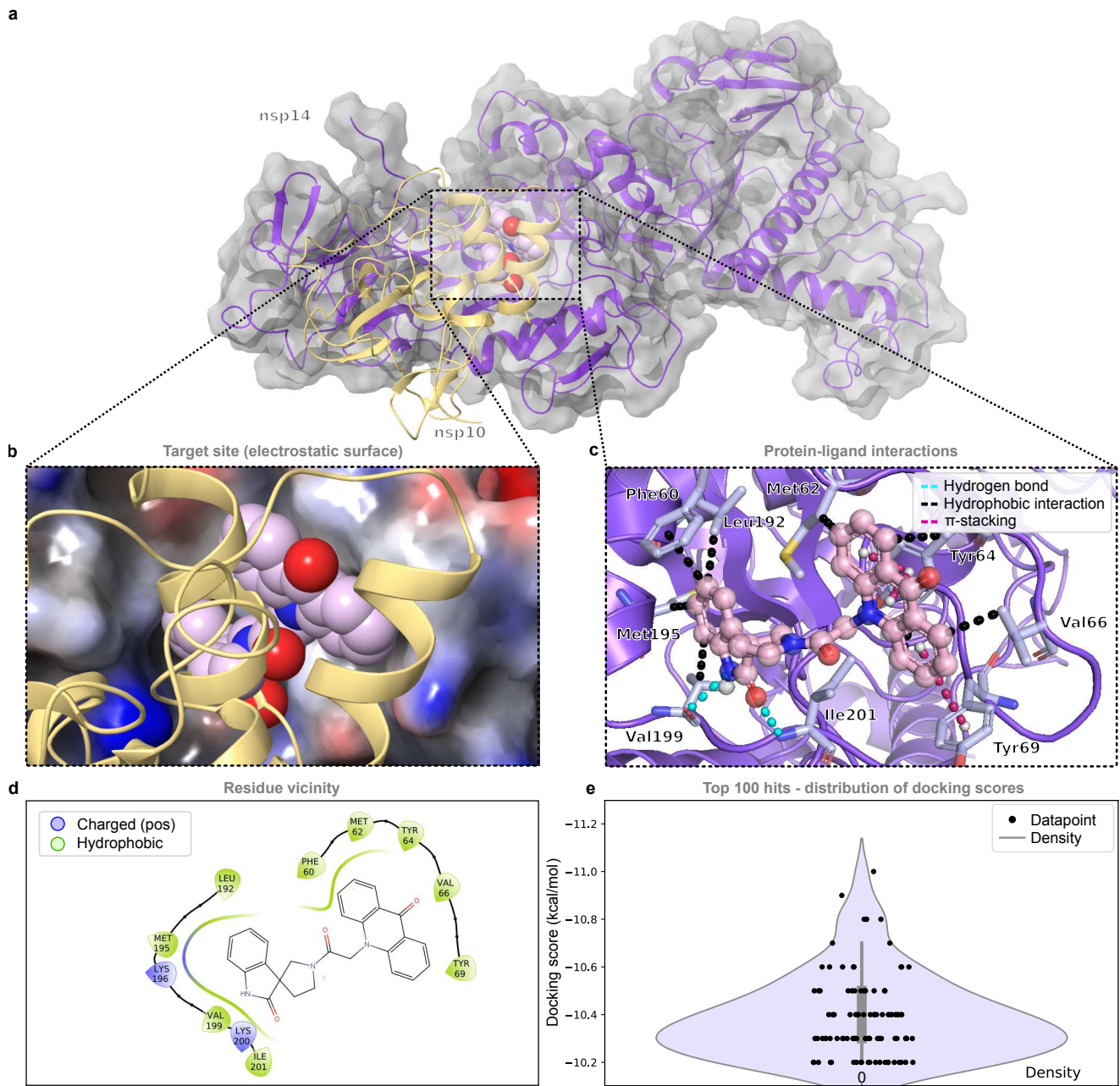
Supplementary Fig. 12. nsp12 and an example compound from the top 0.0001% of screened compounds bound at site 2 of the RNA binding interface. a, nsp12 (violet) bound to RNA (light gold) and an example compound (light pink) at site 2 of the RNA binding region (Screen ID:30). **b,** Electrostatic surface of nsp12 to which an example compound (light pink) at site 2 of the RNA binding region. RNA is shown in light gold. **c,** An overview of the interactions between the inhibitor and the nsp12 structure. **d,** Residues within 4 Å of the inhibitor. **e,** Distribution of the docking scores of the top 100 virtual screening hits.



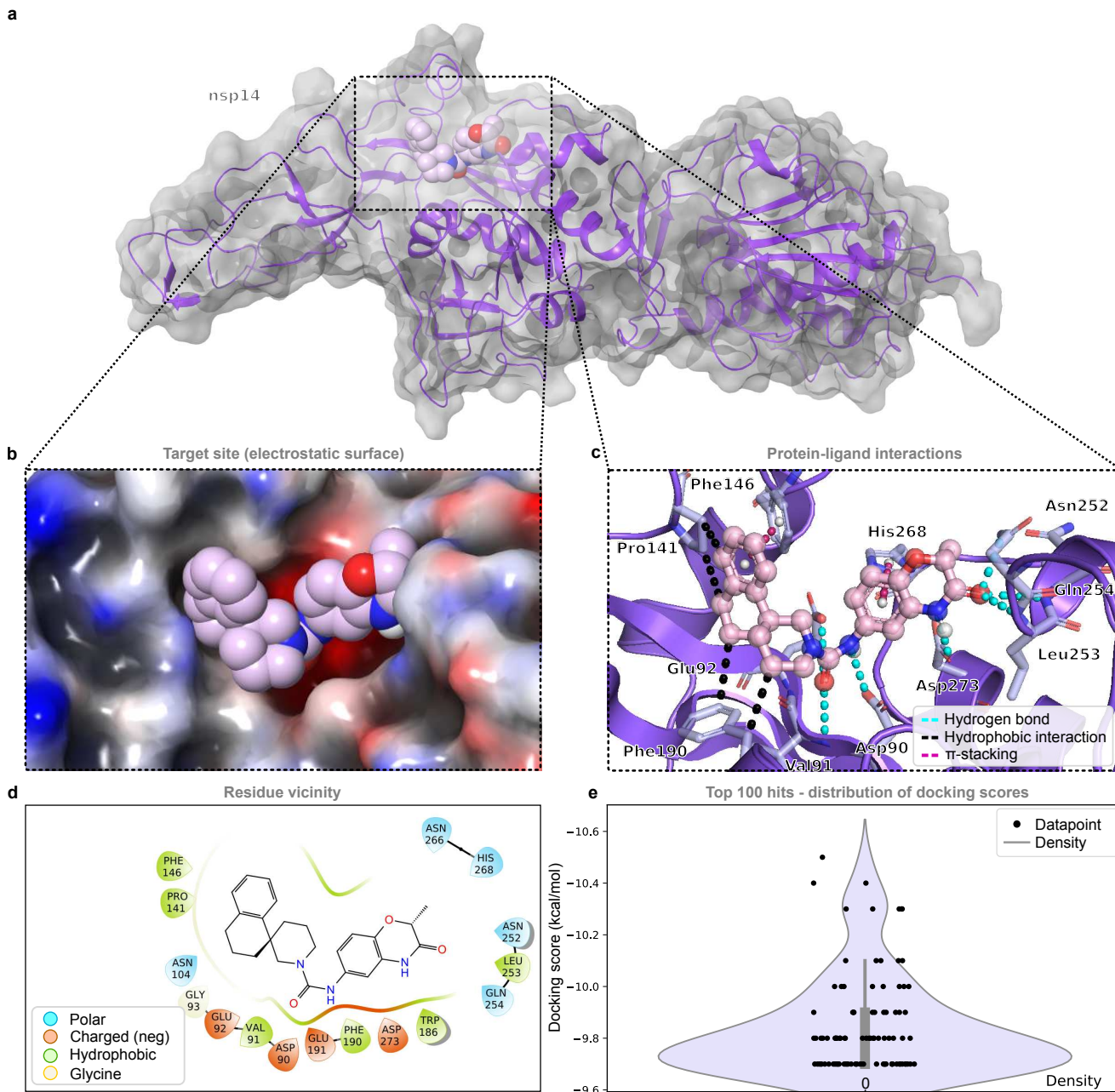
Supplementary Fig. 13. nsp12 and an example compound from the top 0.0001% of screened compounds bound at the nsp7 binding interface. a, nsp12 (violet) bound to nsp7 (light gold) and an example compound (light pink) at the nsp7 binding interface (Screen ID: 31). **b,** Electrostatic surface of nsp12 to which an example compound (light pink) is bound to the nsp7 binding site. nsp7 is shown in light gold. **c,** An overview of the interactions between the inhibitor and the nsp12 structure. **d,** Residues within 4 Å of the inhibitor. **e,** Distribution of the docking scores of the top 100 virtual screening hits.



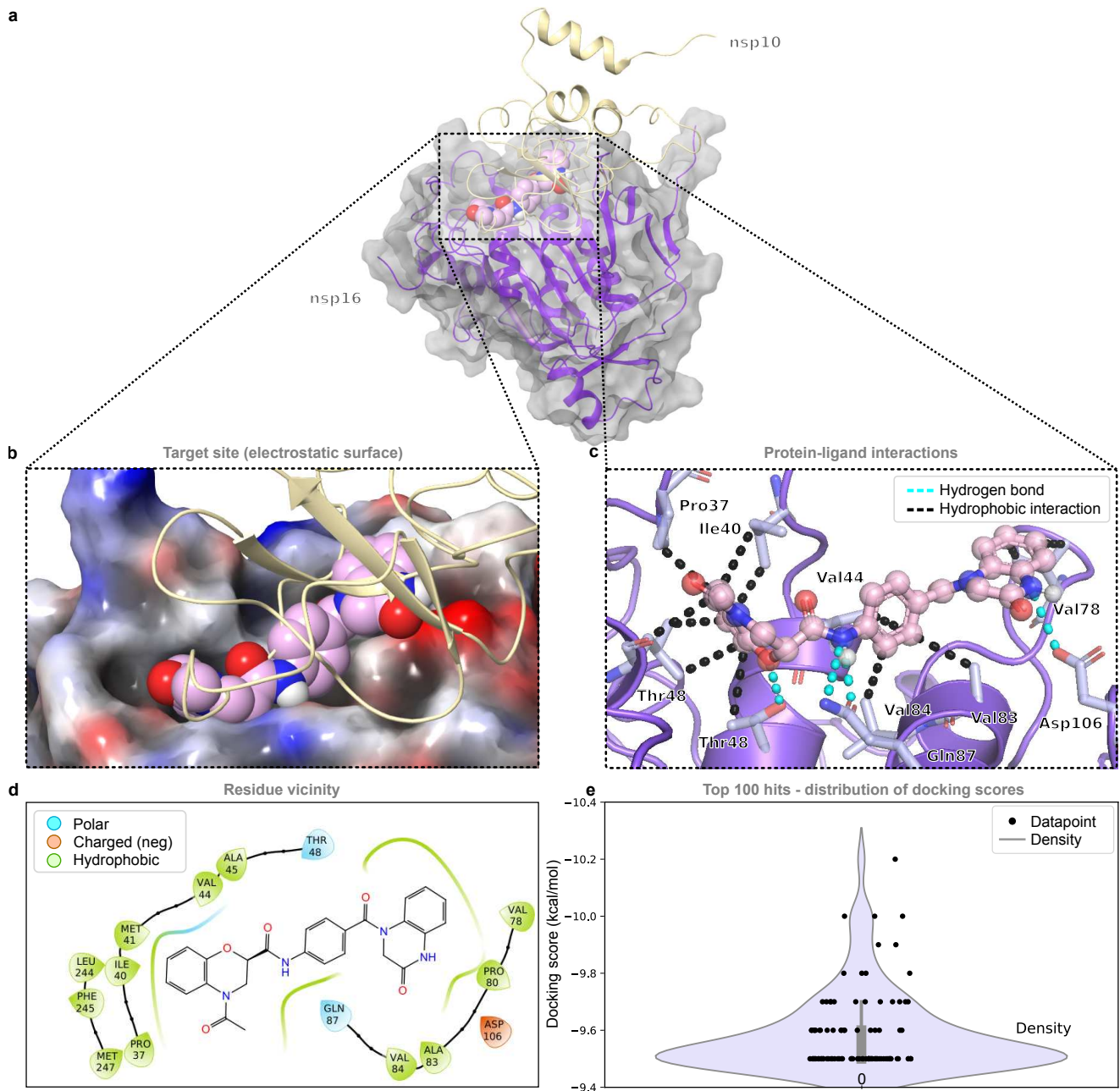
Supplementary Fig. 14. The helicase (nsp13) and an example compound from the top 0.0001% of screened compounds bound at region 2 of the RNA binding interface. **a**, The helicase (violet) bound to an example compound (light pink) at region 2 of the RNA binding interface. A docked DNA strand is shown in light gold (Screen ID:35). **b**, Electrostatic surface of the helicase to which an example compound (light pink) and a docked DNA strand (light gold) are bound. **c**, An overview of the interactions between the compound and the helicase structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



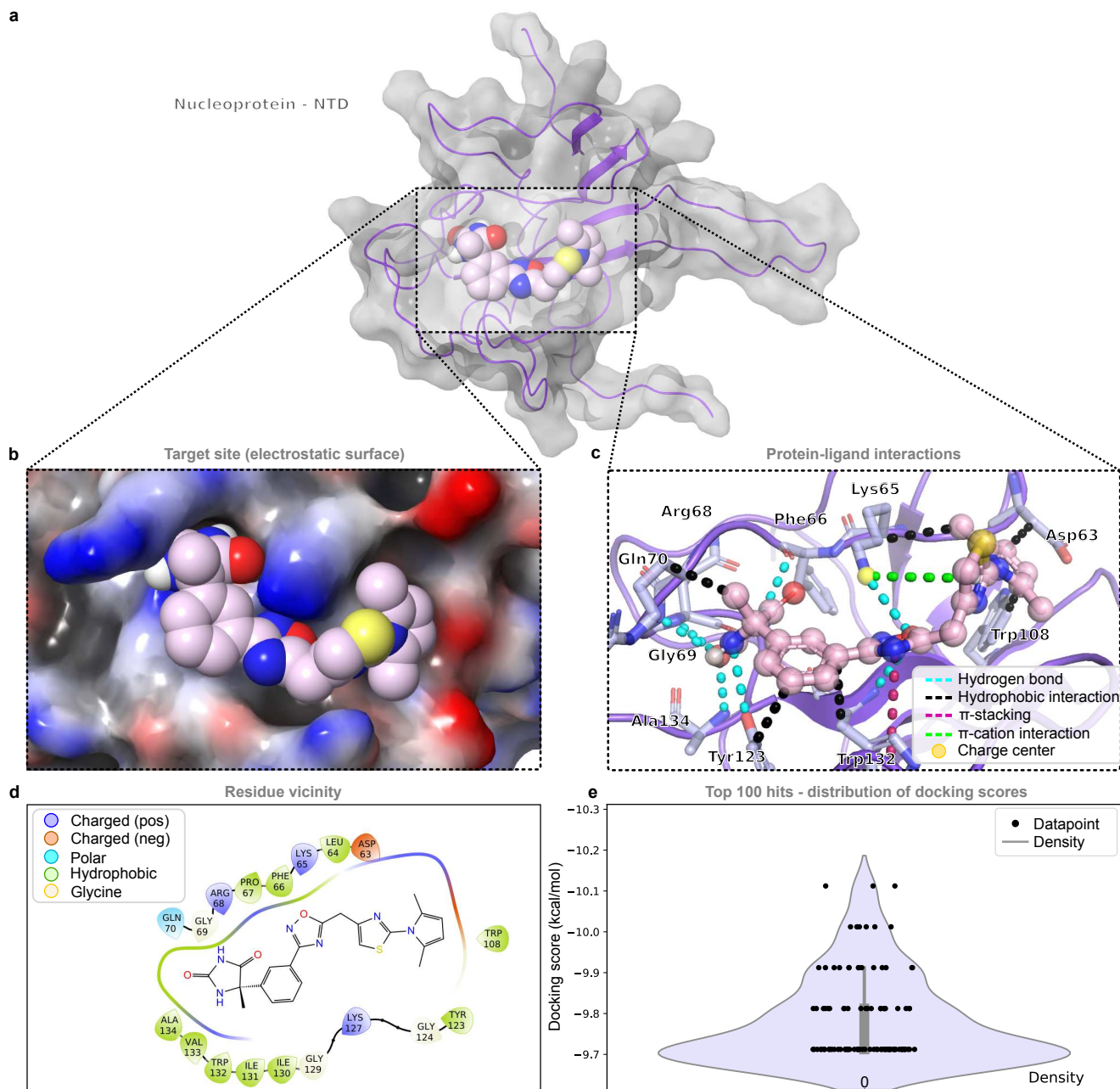
Supplementary Fig. 15. nsp14 and an example compound from the top 0.0001% of screened compounds bound at the nsp10 protein-protein interface. **a**, nsp14 (violet) bound to an example compound (light pink) at the nsp10 (light gold) binding interface (Screen ID: 36). **b**, Electrostatic surface of nsp14 to which an example compound (light pink) and nsp10 (light gold) are bound. **c**, An overview of the interactions between the compound and the nsp14 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



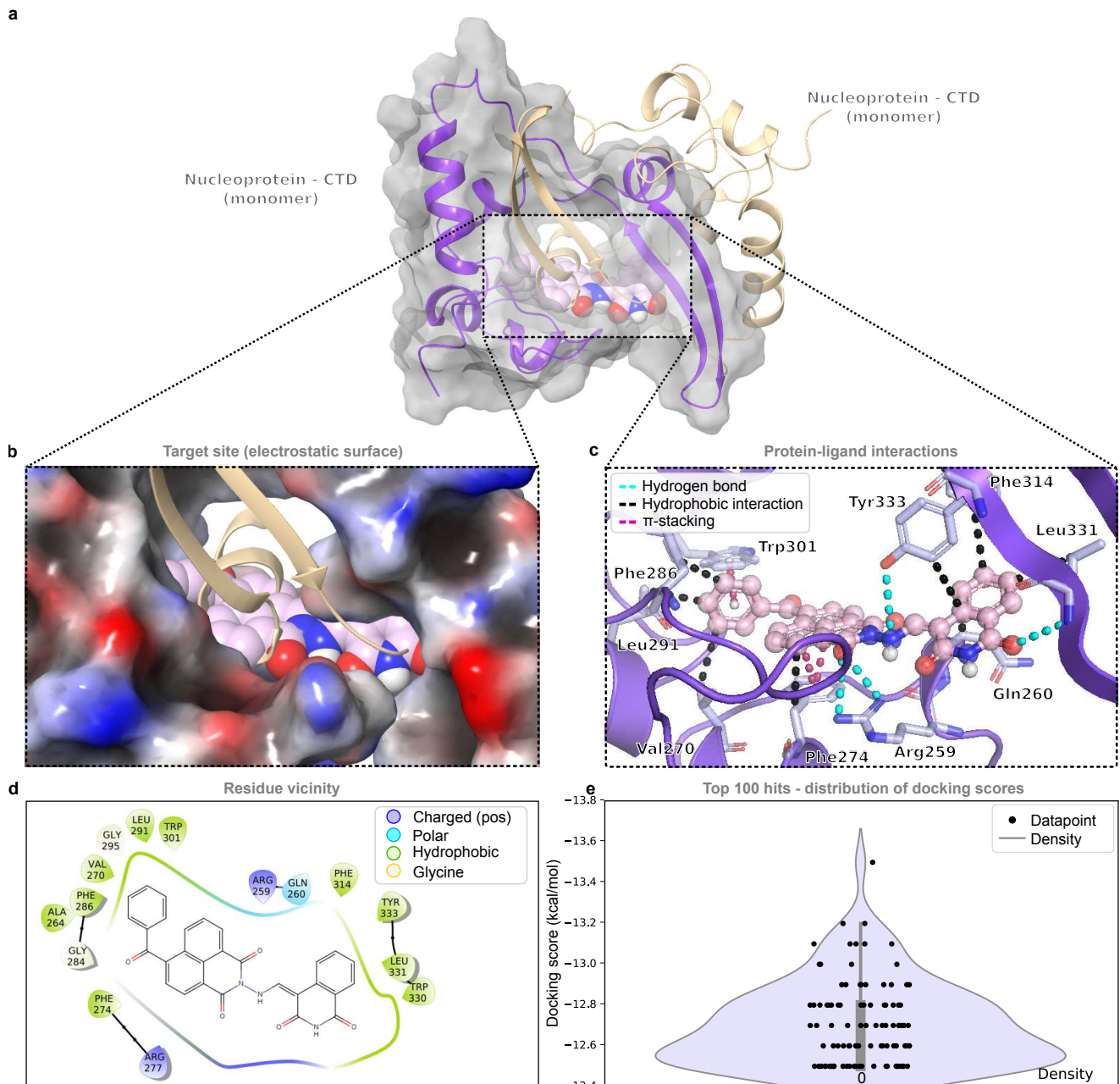
Supplementary Fig. 16. nsp14 and an example compound from the top 0.0001% of screened compounds bound at the active site of the exoribonuclease domain. **a**, nsp14 (violet) bound to an example compound (light pink) at the active site of the exoribonuclease domain (Screen ID:38). **b**, Electrostatic surface of nsp14 to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the nsp14 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



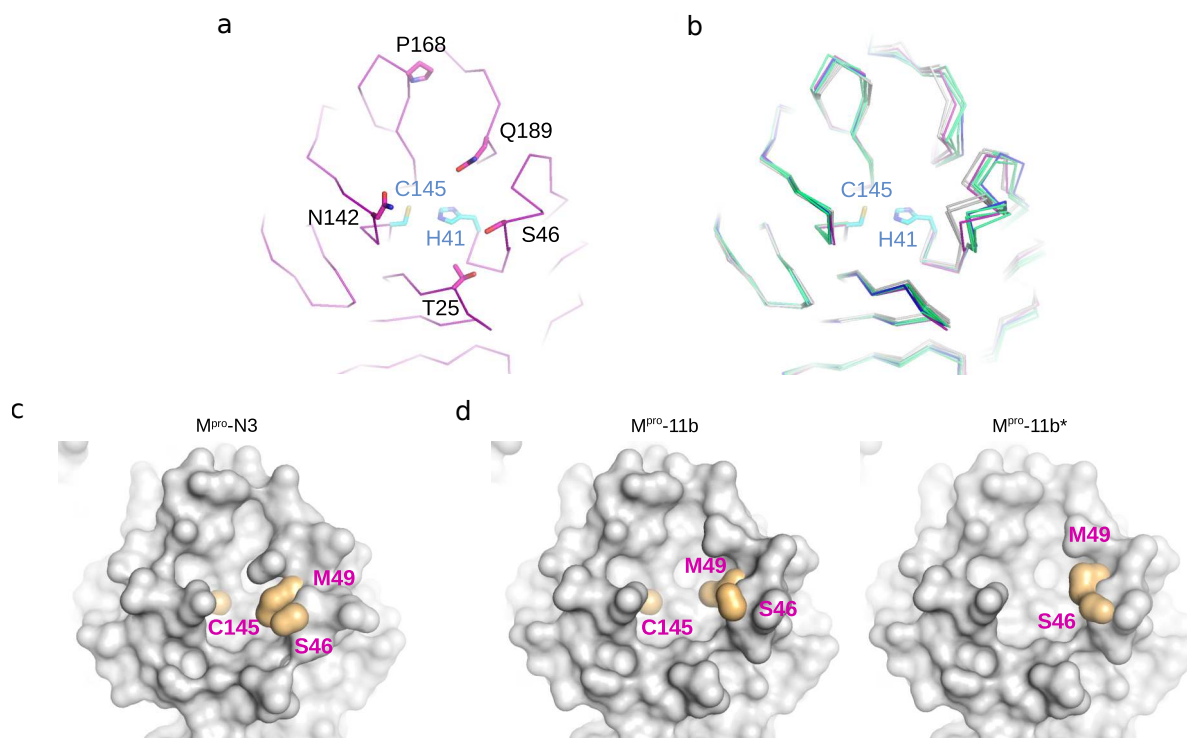
Supplementary Fig. 17. nsp16 and an example compound from the top 0.0001% of screened compounds bound at the nsp10 protein-protein interaction interface. **a**, nsp16 (violet) bound to an example compound (light pink) at the nsp10 (light gold) protein-protein interface (Screen ID:41). **b**, Electrostatic surface of nsp16 to which an example compound (light pink) and nsp10 (light gold) are bound. **c**, An overview of the interactions between the compound and the nsp16 structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



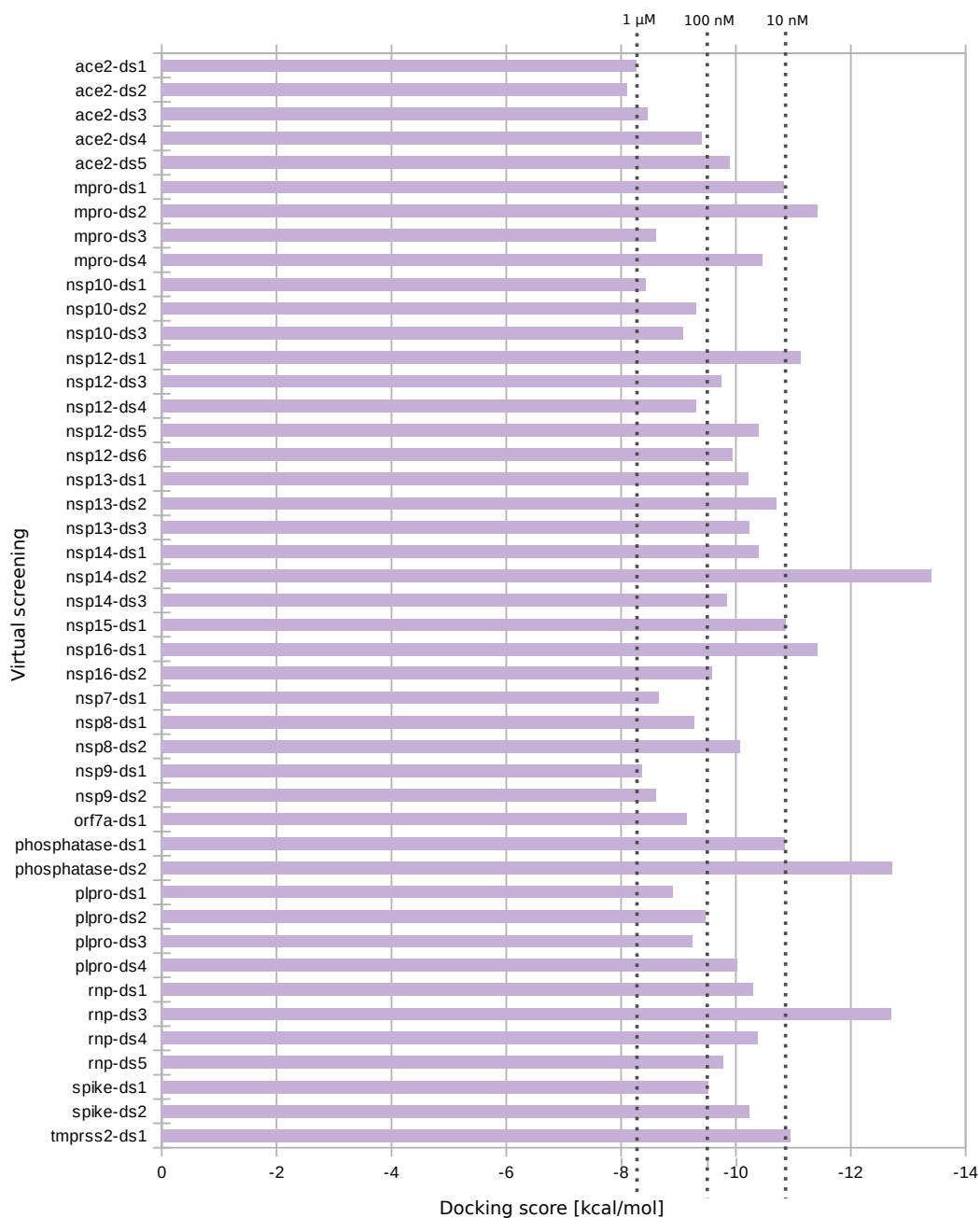
Supplementary Fig. 18. N-terminal domain of the nucleoprotein and an example compound from the top 0.0001% of screened compounds bound at the oligomerization interface. **a**, N-terminal domain (NTD) of the nucleoprotein (violet) bound to an example compound (light pink) at the oligomerization interface (Screen ID: 44). **b**, Electrostatic surface of the NTD of the nucleoprotein to which an example compound (light pink) is bound. **c**, An overview of the interactions between the compound and the NTD structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



Supplementary Fig. 19. C-terminal domain of the nucleoprotein and an example compound from the top 0.0001% of screened compounds bound at the dimerization interface. **a**, C-terminal domain (CTD) of the nucleoprotein (violet) bound to an example compound (light pink) at the dimerization interface. A second CTD of the nucleoprotein is shown in light gold (Screen ID:42). **b**, Electrostatic surface of the CTD of the nucleoprotein to which an example compound (light pink) and a second CTD of the nucleoprotein (light gold) are bound. **c**, An overview of the interactions between the compound and the receptor structure. **d**, Residues within 4 Å of the inhibitor. **e**, Distribution of the docking scores of the top 100 virtual screening hits.



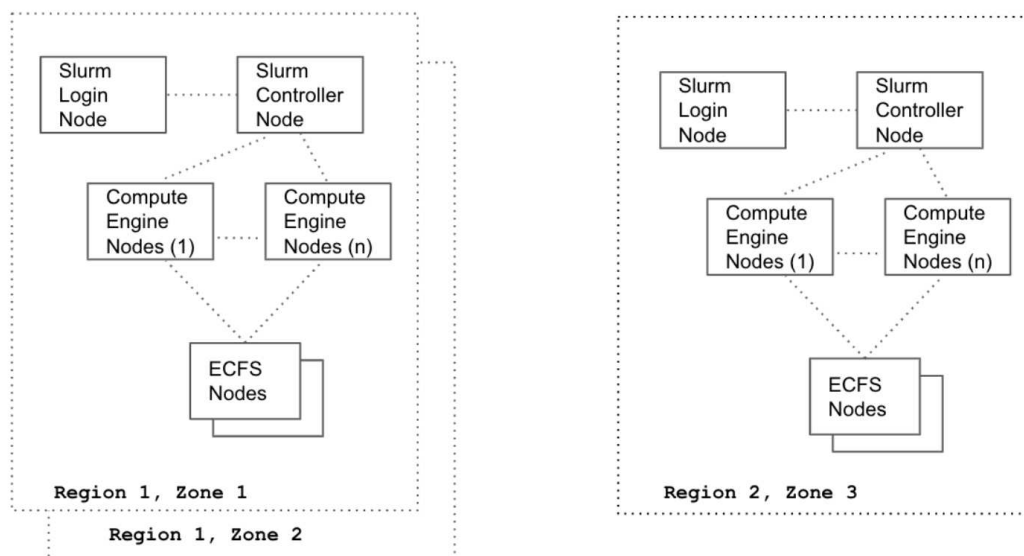
Supplementary Fig. 20. Conformation of the active site of M^{pro} and models for *in silico* screening. **a**, Secondary structural elements that form the active site of M^{pro} . The catalytic dyad Cys145 (C145)-His41 (H41) at the base of the active site is surrounded by secondary structural elements contributed by domains I and II of the protease. The side chains of selected residues are shown: Thr25 (T25), Ser46 (S46), Asn142 (N142), Pro168 (P168) and Gln189 (Q189). The structure of M^{pro} bound to the inhibitor N3 is shown (PDB ID 6lu7). **b**, Overlay of M^{pro} active site structures showing that binding of inhibitors induces conformational changes in two secondary structural elements, which form the walls of the active site: the loop harboring Gln189 and the short α -helix harboring Ser46 (see panel **a**). The main chain is colored gray for the three apo structures of M^{pro} (PDB IDs 6y2e, 6yb7, 6m2q), purple for the structure of M^{pro} bound to the inhibitor N3 (PDB ID 6lu7), blue for the structure of M^{pro} bound to the inhibitor 11b (PDB ID 6m0k) and green for three other structures of M^{pro} bound to inhibitors (PDB IDs 6m2n, 6y2g, 7buy). **c**, Van der Waals surface of the active site of M^{pro} bound to the inhibitor N3 (PDB ID 6lu7), after removing all water and ligand molecules. The side chains of Met49 (M49), Ser46 (S46) and Cys145 (C145) are colored. **d**, Van der Waals surface of the active site of M^{pro} bound to the inhibitor 11b (PDB ID 6m0k), after removing all water and ligand molecules (left) and the same structure after selecting different rotamers for the side chains of Met49, Ser46 and Cys145 (right). The images in panels **a-d** show M^{pro} from the same orientation and were generated using PyMOL.



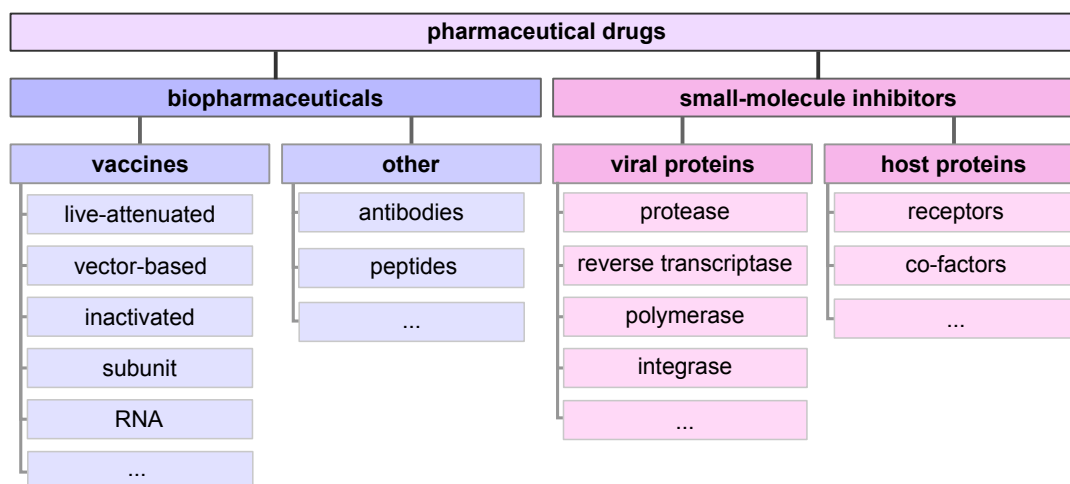
Supplementary Fig. 21. Average docking scores of the top hits. Average docking scores of the top 100 compounds of each virtual screen that was carried out. Only compounds with cLogP less than 6, molecular weight less than 600 dalton, no reactive groups, and at most ten hydrogen bond acceptors were considered (a smaller number of non-druglike molecules from the ZINC library were also removed by visual inspection). The docking scores estimate free energy of binding in kcal/mol. These are computational values that can diverge significantly from the experimental binding free energies. The dashed lines indicate the corresponding K_d values of 1 μ M, 100 nM, and 10 nM under standard conditions.

Nodes	GCE instance type
Slurm controller node	n1-standard-16
Slurm login node	n1-standard-8
Slurm compute nodes	n2d-highcpu-64 (cluster 1 and 2), n1-highcpu-32 (cluster 3)
Elastifile management node	n1-standard-8
ECFS storage node	custom (16 vCPUs, 96 GB memory)

Supplementary Table 1. Virtual machine types employed in the Google Cloud Platform.



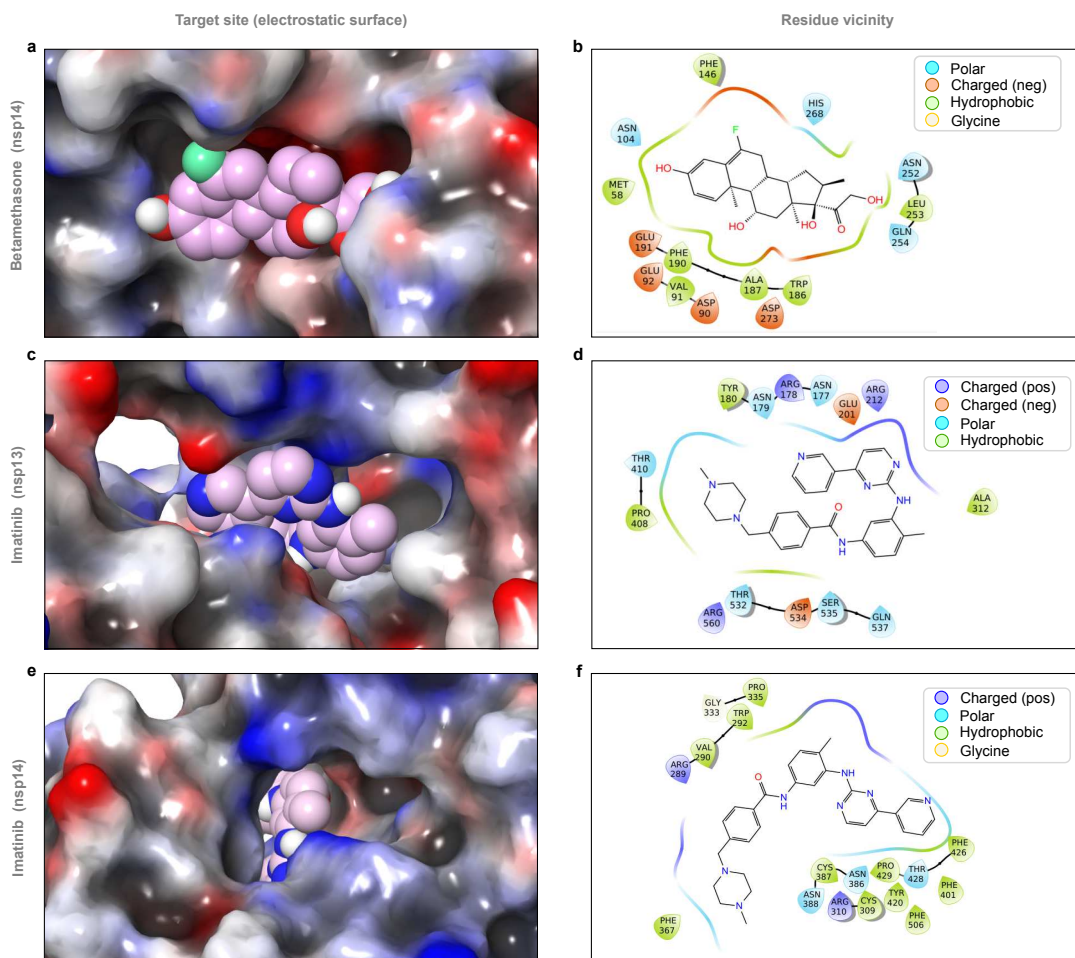
Supplementary Fig. 22. Google Cloud Platform (VPC-1)



Supplementary Fig. 23. Classes of pharmaceutical drug: A non-exhaustive classification of pharmaceutical drugs that could potentially be leveraged against SARS-CoV-2, including possible small-molecule inhibitor targets

ZINCID	Generic name	COVID clinical trial	Targets (Screen IDs)
ZINC000040165249	11-beta-Hydroxyandrost-3-one-17-beta-D-glucopyranosylglucuronide	No	nsp16 (41), TMPRSS2 (6)
ZINC000013540654	3-Aceto-5-oxo-10-oxo-10,13-dihydro-2H-pyrido[2,3-b]pyridin-2-ylidene	No	nsp13 (33)
ZINC000040164488	5-alpha-Dihydrotestosterone glucuronide	No	ORF7a (9), nucleoprotein (44)
ZINC000208774715	Acalabrutinib	Yes	nucleoprotein (45)
ZINC00003861599	Aldactone	Yes	nsp14 (37)
ZINC00066166864	Alcetinib	No	nsp12 (32)
ZINC000014261579	Alvesco	Yes	nsp13 (34)
ZINC000014768568	Aprapitant	No	nsp14 (38)
ZINC00003975334	Aracacia	No	nucleoprotein (44)
ZINC000012504271 *	Ataquaone	No	nsp15 (39), nsp16 (40, 41), nucleoprotein (44, 45)
ZINC000116473771 *	Atovaquone	Yes	nsp12 (31), nsp13 (33), macrodomain (10,11), nucleoprotein (45)
ZINC000003872931	Avapro	No	macrodomain (11)
ZINC000003932831 *	Avodart	Yes	nsp13 (34)
ZINC00009252411	Benperidol	No	macrodomain (10)
ZINC00000497384	Betamethasone	Yes	nsp14 (38)
ZINC000019203128	Biosone	No	mpro (19), nsp10 (26), nsp13 (34)
ZINC00003977868	Biosone	No	nsp10 (17)
ZINC000019203134	Biosone	No	nsp10 (26), nsp12 (29), nsp13 (34)
ZINC000019203131	Biosone	No	nsp13 (34)
ZINC000011677911	Bisocritazole	No	nsp12 (32), nsp13 (34), nsp8 (21), nucleoprotein (43)
ZINC000138721777	Brigatinib	No	nsp12 (29), nsp13 (35)
ZINC000019364228	Buclicine	No	nsp12 (31)
ZINC000003977981	Capex	No	mpro (17)
ZINC000043195321 *	Capmatinib	No	mpro (16), nsp12 (28), nsp15 (39), macrodomain (11)
ZINC000004215257	Cipramide	No	nsp13 (34,35)
ZINC000021981222	cp74588	No	nsp12 (32), nsp14 (37)
ZINC00003993885	Cilar	No	mpro (16), TMPRSS2 (6)
ZINC000004098610	Daxidan	No	nucleoprotein (44)
ZINC000043710727	Dehydroepiandrosterone	No	macrodomain (10)
ZINC000003784182	Differin	No	nsp8 (21, 22), nsp12 (28), nucleoprotein (45)
ZINC000011677837	Eliquis	No	TMPRSS2 (6)
ZINC000011679756 *	Eliombopag	No	nsp14 (37), nucleoprotein (43), nsp16 (40), mpro (19)
ZINC00022731806	Enasidemb	No	ACE2 (4), mpro (16, 17)
ZINC00025304943	Eplerenone	No	nucleoprotein (41)
ZINC000238850852	Eptifibatid	No	nsp13 (34)
ZINC000238850855	Eptifibatid	No	mpro (17), nsp12 (29), nucleoprotein (42)
ZINC000238850853	Eptifibatid	No	nsp12 (28, 29, 32), nucleoprotein (43)
ZINC000238850854	Eptifibatid	No	nsp12 (29, 31), nsp14 (38)
ZINC00005295754*	Ergotamine	No	mpro (16, 17), nsp13 (34,35), nsp8 (22)
ZINC00003876078	Estradiol	Yes	nsp14 (38), spike (8)
ZINC00004099035	Estradiol 17b glucuronide	No	nsp10 (26), nsp13 (33), nucleoprotein (45)
ZINC000003881345	Estradiol benzoate	Yes	spike (8)
ZINC00004096817	Estradiol glucuronide	No	nsp13 (33)
ZINC000102136963	Estriol-3-glucuronide	No	plpro12)
ZINC000102136971	Estriol-3-glucuronide	No	nucleoprotein (44)
ZINC00008234405	Estriol-3-glucuronide	No	nsp10 (26), nsp12 (31), nsp13 (33), orf7a (9), nucleoprotein (44)
ZINC000040990004	Estrone glucuronide	No	nsp12 (31), nsp13 (33,35), nucleoprotein (44)
ZINC00001481815	Exjade	No	mpro16), nsp12 (32), mp (44), tmprss2 (6)
ZINC00008215434	FAD	No	mpro (17), nsp13 (35), mp (42)
ZINC00003977985	Flumetasone	No	nsp15 (39)
ZINC00004097305	Flunisolid	No	nsp14 (38)
ZINC00001543181	Ibutamoren	No	nsp14 (41)
ZINC00001398658	Idecitab	No	mpro (17), nsp13 (35)
ZINC000019632618	Imatinib	Yes	nsp13 (35), nsp14 (37)
ZINC00010006073	Indigo carmine	No	nucleoprotein (44)
ZINC000261527149	Ivermectin	Yes	nsp12 (29), nucleoprotein (45)
ZINC00000537877	Ketanserin	No	TMPRSS2 (6)
ZINC000031417974	Ketoprofen glucuronide	No	nsp13 (33)
ZINC00003173786*	Lesarturib	No	mpro (16)
ZINC000031290884	Lorazepam glucuronide	No	nsp13 (33)
ZINC000064033452 *	Lumacafor	No	mpro (17), nsp12 (28), nsp13 (33), nsp14 (37), tmprss2 (6)
ZINC000118912516	Meprednisone acetate	No	mpro (19)
ZINC000100017856*	Mepron	Yes	nsp15 (39), nsp16 (40), mp (43,44,45)
ZINC000013831810	Mizolastine	No	mpro (16), nsp12 (30)
ZINC00003874467	Nafamostat	Yes	ORF7a (9), plpro (13), nucleoprotein (44)
ZINC00003881613	Nandrolone phenpropionate	No	nsp12 (31), spike (8)
ZINC000011681563	Netupitant	No	nsp12 (31), nsp14 (36), mp (42, 43)
ZINC000006716957 *	Nilotinib	No	mpro (16,17), nsp14 (37), mp (43), tmprss2 (6)
ZINC000031460590	Oxazepam glucuronide	No	nsp13 (33)
ZINC000031460595	Oxazepam glucuronide	No	mpro (19), TMPRSS2 (6)
ZINC000095626782	Oxytetracycline	Yes	nucleoprotein (44)
ZINC00001481936	Paliperidone	No	macrodomain (11), mp (44), tmprss2 (6)
ZINC000004214700	Paliperidone	No	nucleoprotein (43)
ZINC00000538152	Pamoic acid	No	macrodomain (10)
ZINC000011617039	Fazopanib	No	nucleoprotein (44)
ZINC000004217252	Penfluridol	No	acc2 (5), nsp8 (22), mp (43)
ZINC00034138264	Rifabutin	No	mpro (17), nsp12 (29,32)
ZINC000253848650	Rifabutin	No	nsp12 (29,32)
ZINC00003816514	Rolapitant	No	nsp14 (37), nsp16 (41)
ZINC00000598829	Rupatadine	No	nucleoprotein (43)
ZINC00000898237	Rutacarpine	No	macrodomain (11)
ZINC00004096846	Rutacarpine	No	mpro (17), nsp12 (29)
ZINC000072206342	Rutin	No	nsp12 (28)
ZINC000100074252	Sofosbuvir	Yes	plpro (15)
ZINC00000601273 *	Talinflumate	No	acc2 (5), mpro (16,19), nsp15 (39), nsp8 (22)
ZINC00001844627	Talinflumate	No	acc2 (5), mpro (16), nsp13 (33), nsp15 (39)
ZINC00000538415	Tamibarotene	No	nsp12 (28)
ZINC000011525121	Tetracycline hydrochloride	Yes	nsp14 (38), nsp16 (40), nucleoprotein (45)
ZINC000003812889	Tibolone	No	nsp12 (31)
ZINC000003938684	Toposar	Yes	nsp16 (40)
ZINC00003923861	Vorapaxar	No	ACE2 (4)
ZINC000218037687	Voxilaprevir	No	nsp12 (29, 30, 32), nucleoprotein (43)
ZINC0000057115 *	Xaliproden	No	nsp12 (28), nsp14 (36), macrodomain (11), tmprss2 (6)
ZINC000003927200	Yaz, Drospirenone	No	nsp12 (31), nsp15 (39), macrodomain (10), mp (43)
ZINC000052509366	Zelboraf	No	mpro (17)
ZINC00000397541	Zytaga	No	nsp12 (31)

Supplementary Table 3. Approved drugs among the virtual screening hits. A table of "world approved" drugs that bind to SARS-CoV-2 proteins as identified by VirtualFlow. These drugs are mined from the top 1 % of the hits from "in stock" compounds of the ZINC library. The drugs presented here are the top 1 % of hits that were further filtered for a docking score of better than -8 kcal/mol. Some of the drugs are predicted to bind to multiple protein targets, and for some of the drugs (denoted by *) only the targets of the top five virtual screens as judged by the docking score are shown. Some of the drugs shown here are currently in clinical trials for the treatment of COVID-19 (highlighted in light green).



Supplementary Fig. 24. Docking poses of two exemplar approved drug hits that came up in the top 1% of the hits from “in stock” compounds of the ZINC library , against their respective targets. a, electrostatic surface of nsp14 N7 Methyl transferase’s active site (N7-MTase) (Screen ID: 38) to which betamethasone is bound **b**, An overview of the interactions between betamethasone and the N7-MTase active site pocket of nsp14 **c**, electrostatic surface of the RNA binding pocket of nsp 13 helicase (Screen ID: 35) to which imatinib is bound **d**, overview of interactions between imatinib and the RNA binding pocket of the helicase nsp13 **e**, electrostatic surface representation of nsp14 methyl transferase ExoN Active site (Screen ID: 37) where imatinib is bound **f**,interaction interface diagram of imatinib with nsp14 Exon active site.

Compound name	ZINC_ID	Human gene	Viral bait	Indication	Clinical Trial identifier	Target 1 (Screen ID)	Docking score	Target 2 (Screen ID)	Docking score	Target 3 (Screen ID)	Docking score
Nafamostat	ZINC3874467	Cell Entry	-	Anticoagulant	NCT04352400, NCT04418128	orf7a (9)	-8	plpro(13)	-8.5	mp(43)	-8.5
Pazopanib	ZINC11617039	MARK2	orf9b	Cancer	-	mp (43)	-8.3				
progesterone	ZINC4428529	SIGMAR1/SIGMAR2	Nsp6/Orf9c	birth control	NCT04365127	plpro (12)	-7.1				
Pimoazide	ZINC4175630	SIGMAR1/SIGMAR2	Nsp6/Orf9c	Tourette syndrome	-	nsp16 (41)	-7.8	nsp7(20)	-7	spike(7)	-7.9
Silmitasertib	ZINC58638454	CSNK2A2	-	Cancer	under consideration	nsp16(40)	-9.6				

Supplementary Table 4. A list of drug hits that found to be in common between a previously published SARS-COV-2 interactome study (193) and our virtual screens. These drugs, upon experimental validation, could be potentially developed into multi-target drugs capable of modulating both host and viral targets simultaneously. Three of the drugs listed here are currently undergoing clinical trials for the treatment of COVID-19 (highlighted in light green).

Name	Catalog ID	Score	LE	MW	Library	SMILES
vMpro-as1-1	Z1002304178	-11.3	0.353	431.43	REAL	C[C@H]1(c2ccc(CNc3ccc4nnc(-c5ccc5F)n4n3)c2)NC(=O)NC1=O
vMpro-as1-2	Z1000940198	-11.2	0.32	473.488	REAL	Cc1cc(-c2cc(C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)c3c(C)noc3n2)c(C)O1
vMpro-as1-3	Z1927967127	-11.2	0.373	407.379	REAL	Nc1nec2e1n)CCN(C(=O)c1cc(F)cc3c(=O)c4cc(F)cc4[nH]e1)13C2
vMpro-as1-4	Z993683084	-11.2	0.329	456.501	REAL	C[C@H]1(c2ccc(CNC(=O)[C@H]3CC(=O)N(c4ccc5ccc45)C3)c2)NC(=O)NC1=O
vMpro-as1-5	ZINC000017189271	-11.2	0.361	433.403	ZINC15	O=C1NC(=O)C(=N)c2ccc3C(O)nm(O)c2)3[C@@H](c2ccc3ccc3c2)C1=O
vMpro-as1-6	Z1000940282	-11.1	0.317	473.463	REAL	Cc1nec2nc(-c3ccc(F)cc3)cc(C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)c12
vMpro-as1-7	Z1014391890	-11.1	0.308	490.552	REAL	O=C(C)[C@H]1[C@@H]2C[C@@H]3C[C@H]2N1C(=O)c1ccc(F)cc1F)N1CC(=O)c2[nH]3ccc23)CC1
vMpro-as1-8	Z1614250722	-11.1	0.336	444.494	REAL	C[C@H]1(c2ccc(C(=O)N3CCC[C@H](c4[nH]H)c(-c5ccc5n4)C3)c2)NC(=O)NC1=O
vMpro-as1-9	Z68547169	-11.1	0.3	498.581	REAL	C[C@H](OC(=O)c1cc(-c2ccc2)nc2ccc12)C(=O)NC(=O)NC12C3CC3(C)C3)C1C2
vMpro-as1-10	Z68550114	-11.1	0.3	498.581	REAL	C[C@H](OC(=O)c1cc(-c2ccc2)nc2ccc12)C(=O)NC(=O)NC12C3CC3(C)C3)C1C2
vMpro-as1-11	Z1000939356	-11	0.314	469.5	REAL	Cc1ccc(-c2cc(C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)c3c(C)noc3n2)cc1
vMpro-as1-12	Z1002304370	-11	0.355	413.44	REAL	C[C@H]1(c2ccc(CNc3ccc4nnc(-c5ccc5n4n3)c2)NC(=O)NC1=O
vMpro-as1-13	Z1162536284	-11	0.333	449.493	REAL	O=C(Nc1nec2ccc2e(=O)n)H1c1cc(-c2nec3ccc3)nc2ccc12
vMpro-as1-14	Z806293372	-11	0.306	480.523	REAL	C[C@H]1(c2ccc(NC(=O)C)[C@H]3CC(=O)N(c4ccc5e(-c4)C4ccc4-5)C3)c2)NC(=O)NC1=O
vMpro-as1-15	Z1039095378	-10.9	0.33	482.33	REAL	C[C@H]1(c2ccc(CNc3ccc4nnc(-c5cc(C)cc(C)5)n4n3)c2)NC(=O)NC1=O
vMpro-as1-16	Z1451529036	-10.9	0.363	406.416	REAL	C[C@H]1(c2ccc(C(=O)N3CCc4[nH]5ccc(F)cc5c4C3)c2)NC(=O)NC1=O
vMpro-as1-17	Z1541650451	-10.9	0.352	422.471	REAL	O=C(Nc1nec2ccc2n1)c1cc(-c2nec3ccc3)nc2ccc12
vMpro-as1-18	Z281532788	-10.9	0.295	493.522	REAL	CCn1c(NNC(=O)c2cc(-c3ccc4e(c3)OCCO4)nc3ccc23)nc2ccc2c1=O
vMpro-as1-19	ZINC000020572816	-10.9	0.295	496.497	ZINC15	O=C1Nc2ccc(F)cc2[C@H]2N[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-20	ZINC000020758902	-10.9	0.303	478.507	ZINC15	O=C1Nc2ccc2[C@H]2N[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-21	ZINC000102513812	-10.9	0.311	490.554	ZINC15	Cc1ccc(C(=O)C2(C(=O)C(=O)N)c3nccc(F)cc43)[C@H]2c2ccc(C(=O)C)cc2o1
vMpro-as1-22	ZINC000408975126	-10.9	0.363	388.429	ZINC15	O=C(Nc1ccc2ccc2e1)c1ccc2[nH]3nccc4nc3c2e1
vMpro-as1-23	PV-00195570614	-10.8	0.348	423.472	REAL	C[C@H]1(c2ccc(CNC(=O)NC3ccc4e(c3)OCCO4)nc3ccc23)nc2ccc2c1=O
vMpro-as1-24	Z1007204568	-10.8	0.327	447.45	REAL	C[C@H]1(c2ccc(CNC(=O)C3c[nH]nc3-c3ccc4e(c3)OCCO4)c2)NC(=O)NC1=O
vMpro-as1-25	Z1643054649	-10.8	0.348	406.444	REAL	Cc1ccc(NC(=O)c2cc(-c3ccc4ccc34)nc3ccc23)nc2ccc2c1=O
vMpro-as1-26	Z2002795192	-10.8	0.4	387.862	REAL	CCOCCOC1c(C)ccc1NC(=O)C[C@@H]2[C@@H]3C(=O)C[C@H]4[C@@H]5C[C@H]1[C@@H]4)1[C@H]2[C@H]53
vMpro-as1-27	Z12142995953	-10.8	0.338	431.49	REAL	Cn1c(C(=O)N2C[C@@H](C(=O)N3CCC(C)O)c3ccc32)cc2ccc2c1=O
vMpro-as1-28	Z296623530	-10.8	0.348	425.415	REAL	O=C1C[C@H](C(=O)N2CCN(C(=O)c3ccc4e(c3)OCCO4)cc2)cc(F)cc2N1
vMpro-as1-29	Z993687698	-10.8	0.36	406.441	REAL	C[C@H]1(c2ccc(CNC(=O)C)[C@H]3CC(=O)N(c4ccc4)C3)c2)NC(=O)NC1=O
vMpro-as1-30	ZINC000003307955	-10.8	0.309	464.463	ZINC15	Cc1nnc(-c2ccc2)2c1[C@H]1(c3cc(F)cc3NC1=O)N1N=NN(c3ccc3)C1=N2
vMpro-as1-31	ZINC000020588479	-10.8	0.292	496.497	ZINC15	O=C1Nc2ccc2[C@H]2N[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-32	ZINC000102877232	-10.8	0.309	486.566	ZINC15	CC(C)C(C)ccc1(C)[C@H]2C(C(=O)N)c3ccc3)C(=O)C(=O)N2c2nec3cc(F)cc3cc2
vMpro-as1-33	ZINC000245247236	-10.8	0.3	480.498	ZINC15	O=C1Nc2ccc2[C@H]2N[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-34	PV-001955706148	-10.7	0.357	411.392	REAL	C[C@H]1(c2ccc(CNC(=O)NC3nccc4e(F)cc4)2)NC(=O)NC1=O
vMpro-as1-35	Z1128746843	-10.7	0.306	489.555	REAL	Cc1cc(-c2cc(C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)c3c(C)noc3n2)c(C)O1
vMpro-as1-36	Z137249204	-10.7	0.334	421.459	REAL	Cn1c(NNC(=O)c2cc(-c3ccc4e(c3)OCCO4)nc3ccc23)nc2ccc2c1=O
vMpro-as1-37	Z1402639526	-10.7	0.334	445.913	REAL	Cn1cc(-c2nec3ccc3c2NC(=O)N2CC3[nH]4ccc(F)cc4c3C2)cn1
vMpro-as1-38	Z1402639786	-10.7	0.334	429.458	REAL	Cn1cc(-c2nec3ccc3c2NC(=O)N2CC3[nH]4ccc(F)cc4c3C2)cn1
vMpro-as1-39	Z194253137	-10.7	0.357	404.512	REAL	O=C(c1cc(O)c2ccc2e1)N1CC[C@H](c2n[nH]c3C3CC3)nc2N1
vMpro-as1-40	Z2157916861	-10.7	0.334	427.463	REAL	C[C@H]1(c2ccc(-c3ncc(-c4ccc56e6[nH]e45)C3CC6)nc3c2)NC1=O
vMpro-as1-41	Z993687126	-10.7	0.315	462.548	REAL	Cc1cc(C)cc(C(=O)N2CCC[C@H](C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)C2)c1
vMpro-as1-42	Z998726482	-10.7	0.297	482.518	REAL	O=C(Nc1ccc2[nH]c(-c3ccc(F)cc3)nc2e1)[C@H]1CCCN(C(=O)c2ccc3[nH]ncc3c2)C1
vMpro-as1-43	ZINC00000828265	-10.7	0.306	463.531	ZINC15	CC1(C)CC(=O)C2=C(C1)c1ccc3ccc31)N[C@H]2c1cc(-c2ccc(C(=O)O)c2)O1
vMpro-as1-44	ZINC000004785154	-10.7	0.334	421.499	ZINC15	Cc1ccc(-n2c(C=C3c4ccc4N(C)C)C3=O)nc3ccc3c2=Oe1
vMpro-as1-45	ZINC000006300868	-10.7	0.289	496.657	ZINC15	Cc1cc(C)2[nH]c(=O)c1[C@H](c3nmm3C3ccc3)N3CCC4(CCCC4)C3)cc2e1
vMpro-as1-46	ZINC000008790287	-10.7	0.315	451.481	ZINC15	O=C(Nc1ccc2e1)OC2O[C@H]1C2c3ccc3[nH]2[C@H]2c3ccc3C(=O)N21
vMpro-as1-47	ZINC000009668947	-10.7	0.324	431.458	ZINC15	Cc1ccc(NC2=N[C@H]3(c4ccc4NC3=O)n3nec4c3=Nc3ccc34)=N2)cc1
vMpro-as1-48	ZINC000013593515	-10.7	0.297	488.518	ZINC15	O=C1Nc2ccc(F)cc2[C@H]2N[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-49	ZINC000014246800	-10.7	0.315	446.473	ZINC15	Cc1nnc(-c2ccc2)2c1c1[C@H]1c3ccc3NC1=O)N1N=NN(c3ccc3)C1=N2
vMpro-as1-50	ZINC000017988176	-10.7	0.268	521.571	ZINC15	O=C(O)c1ccc2ccc2e1)ccc(N2C(=O)C)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)e1
vMpro-as1-51	ZINC000034795034	-10.7	0.334	421.499	ZINC15	Cc1ccc(-n2c(C=C3c4ccc4N(C)C)C3=O)nc3ccc3c2=Oe1
vMpro-as1-52	ZINC000085392618	-10.7	0.289	493.569	ZINC15	O=C([C@H]1CC(=O)N(c2n[nH]n2)C1)N1CC(Cc2[nH]3ccc3c2)(c2[nH]3ccc3c2)CC1
vMpro-as1-53	ZINC000101833415	-10.7	0.306	489.885	ZINC15	Cc1ccc(N2C(=O)C)[C@H]3[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-54	ZINC000102879694	-10.7	0.315	476.527	ZINC15	CC(C)C(C)ccc1(C)[C@H]2C(C(=O)N)c3ccc3)C(=O)C(=O)N2c2nec3cc(F)cc3cc2
vMpro-as1-55	ZINC000195529574	-10.7	0.297	473.483	ZINC15	O=C1c2ccc2C(=O)C12O[C@H](c1ccc1)[C@H]1(C)C(=O)N(c3ccc4ccc43)C(=O)C)[C@H]12
vMpro-as1-56	ZINC000217751255	-10.7	0.306	474.42	ZINC15	COc1cc(C)[C@H]2CC(=O)O)c3c(O)c4e(-O)cc(-c5ccc(O)cc5)cc4c3c2=OOC2
vMpro-as1-57	ZINC000229870983	-10.7	0.274	575.461	ZINC15	O=C(c1ccc1)[C@H]1[C@@H](C)C(=O)c2ccc(Br)cc2)N2c3ccc3C=C[C@H]2[C@H]12(=O)Nc1ccc12
vMpro-as1-58	ZINC000229980317	-10.7	0.268	529.57	ZINC15	O=C(Nc1ccc1)[C@H]1[C@@H](C)C(=O)c2ccc(F)cc2)[C@H]2(C(=O)Nc3ccc3c2)C[C@H]2=Cc3ccc3N21
vMpro-as1-59	ZINC000253486913	-10.7	0.289	498.488	ZINC15	O=C1Nc2ccc(F)cc2[C@H]2N[C@@H](C)C1c1[nH]3ccc(O)cc13[C@@H]1(C)C(=O)N(c3ccc3C(=O)C)[C@H]12
vMpro-as1-60	PV-001848284510	-10.6	0.353	411.465	REAL	CN(C)Cn[nH]c2(C)CCN(C(=O)c3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)CC2n1
vMpro-as1-61	PV-001955708011	-10.6	0.342	421.456	REAL	C[C@H]1(C)C(=O)Nc2ccc2CN1C(=O)Nc1ccc(C[C@H]2(C)NC(=O)NC2=O)c1
vMpro-as1-62	Z1000935708	-10.6	0.312	459.461	REAL	C[C@H]1(c2ccc(CNC(=O)NC3C(=O)NC4(c5ccc5)C4)3)2)NC(=O)NC1=O
vMpro-as1-63	Z1000941160	-10.6	0.303	493.586	REAL	C[C@H]1CC2c2sc3nccc(CCC(=O)NC4ccc(C[C@H]5(C)NC(=O)NC5=O)c4)[nH]e1(O)c2)C31
vMpro-as1-64	Z1005792310	-10.6	0.294	482.518	REAL	O=C(Nc1ccc2[nH]c(-c3ccc(F)cc3)nc2e1)[C@H]1CCCN(C(=O)c2ccc3[nH]ncc3c2)C1
vMpro-as1-65	Z1018131998	-10.6	0.303	478.551	REAL	C[C@H](NC(=O)NC)ccc1(C)[C@H]2(C)NC(=O)NC2=O)c1)C(=O)Nc1ccc(N2CC2)cc1
vMpro-as1-66	Z1028479320	-10.6	0.294	492.51	REAL	C[C@H]1(c2ccc(CNC(=O)N3CCC[C@H](c4ncc(-c5ccc(F)5)nc4)3)c2)NC(=O)NC1=O
vMpro-as1-67	Z1192942247	-10.6	0.321	444.45	REAL	Cc1cc(-c2cc(C(=O)N)Nc3ccc4ccc4e(=O)n3)C3c3(C)noc3n2)c(C)O1
vMpro-as1-68	Z1281862994	-10.6	0.321	431.458	REAL	O=C(N)Nc1nec2n[nH]e12)c1cc(-c2ccc3ccc3c2)nc2ccc12
vMpro-as1-69	Z1314080218	-10.6	0.331	440.455	REAL	C[C@H](C(=O)NC)ccc1(C)[C@H]2(C)NC(=O)NC2=O)c1)N1C(=O)[C@H]2[C@H]3CC(C)[C@H](O3)[C@H]2C1=O
vMpro-as1-70	Z136505810	-10.6	0.312	453.476	REAL	CCn1c(NNC(=O)c2cc(-c3ccc(F)cc3)nc3ccc23)nc2ccc2c1=O
vMpro-as1-71	Z1452314983	-10.6	0.342	418.456	REAL	C[C@H]1(c2ccc(C(=O)N3CCC[C@H](c4nccc5ccc45)C3)c2)NC(=O)NC1=O
vMpro-as1-72	Z1470503086	-10.6	0.331	424.459	REAL	O=C1C[C@H](C)C(=O)Nc3C(=O)N(c4ccc4)C(=O)c4ccc43)2)CN1
vMpro-as1-73	Z1503339335	-10.6	0.342	429.455	REAL	CC(C)[C@H](NC(=O)N)[C@H]1CC(C)C(O)c2cc(F)cc2e1)nc(-c2n[nH]2)nc1
vMpro-as1-74	Z1684582482	-10.6	0.342	421.387	REAL	C[C@H]1(c2ccc(-c3ncc(F)[C@H]4CC(=O)Nc5cc(F)cc54n3)c2)NC(=O)NC1=O
vMpro-as1-75	Z1688940046	-10.6	0.342	427.435	REAL	O=C1C[C@H](C)C(=O)Nc2ccc2CN1C(=O)NC4(CCCC4)C3=O)nc2)ccc(F)cc2N1
vMpro-as1-76	Z1703923781	-10.6	0.321	444.49	REAL	O=C1CC[C@H]2[C@H]2CN(C(=O)C)[C@H]3CN(Cc4nccc5ccc5(=O)n4)H4)CCO3)ccc3cc1c32
vMpro-as1-77	Z174864410	-10.6	0.342	420.551	REAL	C[C@H]1[C@@H](C)C(=O)C[C@H]2[C@H]3CC(C)[C@H]3N2C(=O)c2ccc3ccc3c2)CC(C)[C@H]1O
vMpro-as1-78	Z1769353608	-10.6	0.331	432.479	REAL	Cc1ccc2nec3CCCN(C(=O)c4ccc(C[C@H]5(C)NC(=O)NC5=O)c4)CC3)cc12
vMpro-as1-79	Z1819912470	-10.6	0.331	425.422	REAL	O=C(c1ccc2nec(-c3ccc(F)cc3)c2e1)N1Cc2nmm2Cc2ccc2e1
vMpro-as1-80	Z1890552009	-10.6	0.331	432.414	REAL	O=C1C[C@H](C)C(=O)Nc2ccc2CN1C(=O)Nc3ccc3c2)nc2)ccc(F)cc2N1
vMpro-as1-81	Z2002641727	-10.6	0.342	417.414	REAL	O=C1[C@H]2[C@H]3[C@H]2[C@H]2(C)C(=O)Nc5ccc6[nH]c(-c7cc(F)cc7)F)nc65)[C@H]1[C@H]3[C@H]2[C@H]42
vMpro-as1-82	Z203500650	-10.6	0.312	452.513	REAL	Cc1ncc(NC(=O)c2cc(-c3ccc4e(c3)OCCO4)nc3ccc23)nc2ccc12
vMpro-as1-83	Z358736862	-10.6	0.321	478.608	REAL	CCc1ccc(O)OCC(=O)N[C@H](C)[C@H]2[C@H]3CC(C)[C@H]23)cc1)1(=O)N1CCOCC1
vMpro-as1-84	Z413039866	-10.6	0.321	447.533	REAL	C[C@H]1(c2ccc3e(c2)CC2(C)CC2)CN1C(=O)Nc1ccc2e1)CC(C(=O)N2)OCCO3
vMpro-as1-85	Z423747092	-10.6	0.312	474.907	REAL	C[C@H]1(c2ccc3ccc3c2)NC(=O)NC(=O)Nc2nnc(-c3ccc3c3)[nH]2)C1=O
vMpro-as1-86	Z452576762	-10.6	0.303	476.575	REAL	Cc1ccc(C(=O)Nc2ccc2)cc1NC(=O)NC1C(=O)N[C@H]2[C@H](C)C(C)C(C)C2C1=O
vMpro-as1-87	Z651196130	-10.6	0.331	449.534	REAL	C[C@H]1(c2ccc(NC(=O)C)[C@H]3CCCN(c4nccc5ccc45)C3)c2)NC(=O)NC1=O
vMpro-as1-88	Z738900228	-10.6	0.303	480.538	REAL	C[C@H]1[C@@H](C)C(C)C[C@H]2(C)NC(=O)N(C)C(=O)Nc1ccc(C[C@H]3(C)NC(=O)NC3=O)c1)C2=O
vMpro-as1-89	Z993685642	-10.6	0.312	469.54	REAL	CCc1nec2nec(-c3ccc3)cc(C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)c3)c12
vMpro-as1-90	Z993687716	-10.6	0.303	473.488	REAL	Cc1cc(C)2[nH]c(=O)c1[C@H](c3nmm3C3ccc(F)cc3)N3CC4ccc43)cc2e1
vMpro-as1-91	ZINC00000909918	-10.6	0.294	480.546	ZINC15	Cc1ccc(C)2[nH]c(=O)c1[C@H](c3nmm3C3ccc(F)cc3)N3CC4ccc43)cc2e1
vMpro-as1-92	ZINC00000901138	-10.6	0.294	480.546	ZINC15	Cc1ccc(C)2[nH]c(=O)c1[C@H](c3nmm3C3ccc(F)cc3)N3CC4ccc43)cc2e1
vMpro-as1-93	ZINC000002251851	-10.6	0.303	461.48	ZINC15	Cc1ccc(C)2[nH]c(=O)c1[C@H](c3nmm3C3ccc(F)cc3)N3CC4ccc43)cc2e1
vMpro-as1-94	ZINC000002786787	-10.6	0.294	493.439	Z	

Name	Catalog ID	Score	LE	MW	Library	SMILES
vMpro-as1-101	ZINC000012771113	-10.6	0.312	456.48	ZINC15	Cc1ccc(-c2nn(-c3ccc(F)cc3)cc2C(=O)N2)C[C@@H](C(N)=O)Oc3ccc32c1
vMpro-as1-102	ZINC000013509896	-10.6	0.331	421.50	ZINC15	CCCN1c2ccc2C(=O)C2nc3ccc3c(=O)n2-c2ccc(C)c2=O
vMpro-as1-103	ZINC000015858930	-10.6	0.286	493.52	ZINC15	Cc1ccc(-c2c3c(4n2-c2ccc2O[C@H]4c2ccc4e(2)OC)4n(C)c=O)(C)c3=O)cc1
vMpro-as1-104	ZINC000016577965	-10.6	0.331	445.95	ZINC15	CC1(C)CC(=O)C2=C(C)1c1ccc(cc3ccc31)N[C@H]2c1cc(C)cc21OCOC2
vMpro-as1-105	ZINC000021524902	-10.6	0.286	492.53	ZINC15	Cc1ccc(-c2c3c(4n2-c2ccc2N[C@H]4c2ccc4e(2)OC)4n(C)c(=O)n(C)c3=O)c1
vMpro-as1-106	ZINC000032609526	-10.6	0.331	421.50	ZINC15	CCCN1c2ccc2C(=O)C2nc3ccc3c(=O)n2-c2ccc(C)c2=O
vMpro-as1-107	ZINC000034921978	-10.6	0.272	525.58	ZINC15	Cc1ccc(CN2CCN(C)=O)c3nc(-c4ccc5c(4)OC)5nc3Nc3ccc(F)C2)CC2cc1
vMpro-as1-108	ZINC000096113733	-10.6	0.303	467.48	ZINC15	COc1ccc(NC(=O)[C@H]2O3c2c(=O)c4ccc4cc34)[C@H]2C2=Cc3ccc3OC2)cc1
vMpro-as1-109	ZINC000096114039	-10.6	0.303	474.42	ZINC15	COc1ccc([C@H]2CC(C)=O)c3(O)c(O)c4c(O)cc(-c5ccc5)oc4c2)cc1OCOC2
vMpro-as1-110	ZINC000100415678	-10.6	0.286	487.51	ZINC15	Cc1ccc([C@H]2OC3(C)=O)c4ccc4C3=O)[C@H]3C(=O)N(c4ccc5ccc54)C(=O)[C@H]32c1
vMpro-as1-111	ZINC000100505727	-10.6	0.286	488.54	ZINC15	O=C1[C@@H]2[C@H]3C=C[C@H](C)3[C@H]2(C)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@H]5=C[C@H](C)5)[C@@H]4C3=O)ccc1C2
vMpro-as1-112	ZINC000102521214	-10.6	0.312	492.59	ZINC15	CC(C)C1ccc([C@H]2[C@H]3C(=O)O)c3ccc3C1=O)(C(=O)N2)c3ccc(F)cc32)cc1
vMpro-as1-113	ZINC000102655249	-10.6	0.312	498.36	ZINC15	O=C1c2ccc2C(=O)C12O[C@H](C)ccc(C)cc1C1)[C@H]1C(=O)N(C3CCCC3C1=O)[C@H]12
vMpro-as1-114	ZINC000102713153	-10.6	0.312	456.50	ZINC15	Cc1ccc(N2C(=O)C(=O)C(=O)C3c4ccc4cc34)[C@H]2c2ccc(C(C)C)C2)cc1
vMpro-as1-115	ZINC000102719741	-10.6	0.303	466.54	ZINC15	Cc1ccc(N2C(=O)C(=O)C(=O)C3c4ccc4cc34)[C@H]2c2ccc(C(C)C)C2)cc1
vMpro-as1-116	ZINC000102862874	-10.6	0.321	460.60	ZINC15	Cc1ccc(N2C(=O)C(=O)C(=O)C3c4ccc4cc34)[C@H]2c2ccc(C(C)C)C2)cc1
vMpro-as1-117	ZINC000239305870	-10.6	0.312	471.90	ZINC15	Cc1ccc(N2C(=O)C(=O)C(=O)C3c4ccc4cc34)[C@H]2c2ccc(C(C)C)C2)cc1
vMpro-as1-118	PV-001802203537	-10.5	0.318	451.57	REAL	Cc1ccc(Cc(-n2nc(NC(=O)CN3C(=O)N)C[C@@H]4(C)C(C)C4)C3=O)c2C)cc1
vMpro-as1-119	PV-001817570577	-10.5	0.328	451.55	REAL	O=C(N1CCc2c(NC(=O)C(F)F)n3ccc(-c4ccc4)nn3)ccc21)C(F)F
vMpro-as1-120	PV-001844203081	-10.5	0.404	354.33	REAL	O=C1ccc(-n2[nH]c(=O)[nH]c2=O)cc1N1CCc2n[nH]c(=O)c2cc1
vMpro-as1-121	PV-001855182446	-10.5	0.318	458.56	REAL	C[C@@H]1[C@H](C)N(C)C(=O)c2ccc([C@H]3(C)N(C)C(=O)N3)cc2)C1C[C@H]1CN(C)C(=O)C(C)C
vMpro-as1-122	PV-001950833703	-10.5	0.328	439.45	REAL	Cc1ccc(-c2ncc(C[C@H](C)N(C)C(=O)N)3ccc([C@H]4(C)C(C)O)N4)c2)cc1F
vMpro-as1-123	PV-001955704740	-10.5	0.318	452.45	REAL	C[C@H](N(C)C(=O)N)C1ccc([C@H]2(C)N(C)C(=O)N2)cc1
vMpro-as1-124	Z1000939726	-10.5	0.309	456.50	REAL	C[C@H]1(c2ccc(CNC(=O)C)ccc4cc43)N(C)C3CC3c2)N(C)C1=O
vMpro-as1-125	Z1000942566	-10.5	0.318	449.47	REAL	C[C@H]1(c2ccc(CNC(=O)C)ccc4cc43)N(C)C3CC3c2)N(C)C1=O
vMpro-as1-126	Z1018311930	-10.5	0.339	421.46	REAL	C[C@H]1(c2ccc(CNC(=O)N)CC(=O)N3)CC4ccc43)2)N(C)C1=O
vMpro-as1-127	Z104048044	-10.5	0.328	418.42	REAL	C[C@H]1(c2ccc(CNC(=O)N)CC(=O)N3)CC4ccc43)2)N(C)C1=O
vMpro-as1-128	Z1094878064	-10.5	0.309	474.91	REAL	c1ccc(-c2nnc(-c3ccc(-c4ccc4)nc2)cc1)cc1
vMpro-as1-129	Z1129401799	-10.5	0.300	465.51	REAL	C[C@H]1(c2ccc(CNC(=O)N)CC(=O)N3)CC4ccc43)2)N(C)C1=O
vMpro-as1-130	Z1144659239	-10.5	0.339	424.43	REAL	C[C@H]1(c2ccc(CNC(=O)N)CC(=O)N3)CC4ccc43)2)N(C)C1=O
vMpro-as1-131	Z1155700167	-10.5	0.309	467.51	REAL	O=C(Nc1ccc(-c2ccc3c(c2)O)CCO3)nc1)cc1
vMpro-as1-132	Z1192944140	-10.5	0.375	377.38	REAL	Cc1ccc(C(=O)N)Nc2ccc3cc(=O)n2c)ccc(F)cc2n1
vMpro-as1-133	Z1250518867	-10.5	0.350	397.43	REAL	C[C@H]1CN(C(=O)C)ccc(-c3ccc3)nc3ccc32)ccc2N(C)C1=O
vMpro-as1-134	Z1276147995	-10.5	0.350	406.40	REAL	CC(=O)N1C[C@H](C)C(=O)N2[nH]ncc2-c2ccc3c(c2)OC)3)O2ccc221
vMpro-as1-135	Z1416053019	-10.5	0.318	436.47	REAL	O=C1NC(=O)N2CCN(C(=O)C)ccc(-c4ccc5ccc45)nc4ccc34)C1C@H]12
vMpro-as1-136	Z1451354170	-10.5	0.318	449.51	REAL	C[C@H]1(c2ccc(C(=O)N)CC3(c4ccc5c(4)OC)5)CC3C3)2)N(C)C1=O
vMpro-as1-137	Z1482232337	-10.5	0.339	420.41	REAL	O=C1c2ccc(NC(=O)C)ccc(F)cc3)2c1)N1CCO1C[C@H]1(c2ccc(F)cc2)C1
vMpro-as1-138	Z1531890994	-10.5	0.328	431.53	REAL	NC(=O)[C@H]1CN(C(=O)C)C[C@H]2[C@H]3CCCC[C@H]3N2(C)C(=O)N(C)C1=O
vMpro-as1-139	Z1614245151	-10.5	0.339	419.53	REAL	COc1ccc2c(C(=O)N)3CCC[C@H](c4[nH]nH)c(C5CCCC5)n4)3)ccc21
vMpro-as1-140	Z1620399497	-10.5	0.339	416.48	REAL	Cc1ccc2[nH]c3c(e2)c1)C[C@H](N(C)C(=O)N)ccc1(C(=O)N2)C(=O)N(C)C1=O
vMpro-as1-141	Z1655759539	-10.5	0.328	433.42	REAL	C[C@H]1(c2ccc(CNC(=O)C)ccc4cc43)N(C)C3CC3c2)N(C)C1=O
vMpro-as1-142	Z1684580765	-10.5	0.328	432.44	REAL	C[C@H]1(c2ccc(CNC(=O)C)ccc4cc43)N(C)C3CC3c2)N(C)C1=O
vMpro-as1-143	Z1766394717	-10.5	0.339	426.37	REAL	O=C1c2ccc(F)cc2e(O)C)ccc(F)cc3[nH]c12)N1C2ccc2C(F)F(C)F1
vMpro-as1-144	Z1830769356	-10.5	0.318	447.51	REAL	O=C1C[C@H](C)C2ccc(NC(=O)N3)CCCC[C@H]3c3nc(-c4ccc(F)4)cc3)2)N(C)C1=O
vMpro-as1-145	Z1861943195	-10.5	0.339	439.94	REAL	O=C1(C[C@H]1C[C@H]2CCCC[C@H]2N1)C(=O)C1ccc(C)cc1
vMpro-as1-146	Z1896771126	-10.5	0.339	409.42	REAL	O=C1(C[C@H]1C[C@H]2CCCC[C@H]2N1)C(=O)C1ccc(C)cc1
vMpro-as1-147	Z1983291804	-10.5	0.328	431.53	REAL	O=C1(C[C@H]1C[C@H]2CCCC[C@H]2N1)C(=O)C1ccc(C)cc1
vMpro-as1-148	Z2177644552	-10.5	0.318	449.55	REAL	O=C1(C[C@H]1C[C@H]2CCCC[C@H]2N1)C(=O)C1ccc(C)cc1
vMpro-as1-149	Z219443316	-10.5	0.292	494.43	REAL	Cc1ncc2(-c3ccc3C(F)F)C(C)C(=O)OC3ccc(=O)n4ccc(C)4n3)C12
vMpro-as1-150	Z220407410	-10.5	0.300	484.54	REAL	O=C(Nc1ncc2ccc2n1N1CCCC1)ccc1c2c1)S(=O)(=O)C2=O
vMpro-as1-151	Z2231942151	-10.5	0.328	438.61	REAL	C[C@H]1CC(=O)C[C@H](C)C(=O)N2)C[C@H]3[C@H]4C[C@H](C)C[C@H]1(C)N1C1C[C@H]2[C@H]3C[C@H]4)C1=O
vMpro-as1-152	Z2233156474	-10.5	0.339	418.43	REAL	O=C1c2ccc(-c2ccc2)nc2(F)ccc12)N1CCO1(C)cc1
vMpro-as1-153	Z225729362	-10.5	0.284	498.52	REAL	O=C1NC(=O)C2(CCN(C)=O)ccc(-c4ccc4)nc43nnc4C3ccc(F)C2)N1
vMpro-as1-154	Z2524819091	-10.5	0.309	477.67	REAL	CC(C)N(C)C(=O)C1ccc1C(=O)N1C[C@H]2CC[C@H]1[C@H]1CN(C)C(=O)C(C)C[C@H]21
vMpro-as1-155	Z2830959285	-10.5	0.292	488.49	REAL	O=C1N(C)C[C@H](c2n(Cc3ccc3)nc2-c2ccc3c(c2)O)CCO3)Nc2c(F)F)C1=O
vMpro-as1-156	Z284412618	-10.5	0.292	496.59	REAL	C[C@H]1CC(C)C[C@H]2[C]1C[C@H]2(C)N(C)C(=O)N1c1ccc(-c3nnc4n3CCCC4)cc1F)C2=O
vMpro-as1-157	Z284424348	-10.5	0.318	463.54	REAL	O=C1CC(C)C[C@H]2(C)N(C)C(=O)N1c1ccc(-c4nnc5CCCC5)ccc3F)S5ccc3N12
vMpro-as1-158	Z31287518	-10.5	0.309	469.39	REAL	O=C(NN(C)C1C(=O)N)C2ccc(C(F)F)F)2)C1(=O)C2ccc1F
vMpro-as1-159	Z383608736	-10.5	0.292	485.50	REAL	C[C@H]1(c2ccc(NC(=O)CN3C(=O)N)C[C@H]2(C)C4ccc5ccc54)C3(=O)C2=N(C)C1=O
vMpro-as1-160	Z392464174	-10.5	0.328	424.51	REAL	Cc1ncc(NC(=O)C)2c3c(c2)c(C2CC2)nn3-c2ccc2)nc21CCCC2
vMpro-as1-161	Z424328336	-10.5	0.318	483.57	REAL	C[C@H]1(c2ccc(NC(=O)C)C3c4ccc45c(4e(=O)[nH]3)CC5)2)N(C)C1=O
vMpro-as1-162	Z424329296	-10.5	0.328	451.51	REAL	C[C@H]1(c2ccc(NC(=O)C)C3c4ccc45c(4e(=O)[nH]3)CC5)2)N(C)C1=O
vMpro-as1-163	Z424333500	-10.5	0.309	497.60	REAL	C[C@H]1(c2ccc(NC(=O)C)C3c4ccc45c(4e(=O)[nH]3)CC5)2)N(C)C1=O
vMpro-as1-164	Z52367703	-10.5	0.309	449.51	REAL	O=C(Nc1ccc(-c2n3ccc3[nH]2)c1)ccc2e(O)n3)cc1CCCC3
vMpro-as1-165	Z595787930	-10.5	0.292	490.56	REAL	C[C@H]1(c2ccc(NC(=O)C)C3c4ccc45c(4e(=O)[nH]3)CC5)2)N(C)C1=O
vMpro-as1-166	Z729907406	-10.5	0.300	468.47	REAL	O=C1c2ccc2N[C@H]2[C@H]2(c2ncc3c(c2)OC)3)N1c1ccc2(c1)OCCO2
vMpro-as1-167	Z737501626	-10.5	0.300	470.48	REAL	CN(C(=O)C)C[C@H]1C2ccc2C(=O)O)1)ccc1(NC(=O)C)C[C@H]2C3ccc3C2)O)2)1
vMpro-as1-168	Z963478490	-10.5	0.350	433.84	REAL	O=C1C[C@H](C)C(=O)N2CCN(C(=O)C)ccc(F)cc3)CC2)cc2N(C)C1=O
vMpro-as1-169	Z993685386	-10.5	0.309	461.48	REAL	C[C@H]1(c2ccc(CNC(=O)CN3C(=O)N)C[C@H]2(C)C4ccc5ccc54)C3=O)N(C)C1=O
vMpro-as1-170	Z993686872	-10.5	0.318	449.51	REAL	C[C@H]1(c2ccc(CNC(=O)C)C3(c4ccc5c(4)OC)5)CC3C3)2)N(C)C1=O
vMpro-as1-171	Z998371692	-10.5	0.328	431.47	REAL	Cc1ccc(-c2c(C(=O)N3)CCO[C@H]4(c4ccc(F)cc4)C3)3c(C)no3)2)cc1
vMpro-as1-172	Z998712162	-10.5	0.309	460.49	REAL	C[C@H]1(c2ccc(NC(=O)C)C[C@H]2(C)N(C)C(=O)N2)ccc4cc43)2)N(C)C1=O
vMpro-as1-173	ZINC00000894324	-10.5	0.300	462.56	ZINC15	Cc1ccc(C)2[nH]c(=O)c1(C[C@H]3nmm3C3ccc3)N3CC4ccc43)cc12
vMpro-as1-174	ZINC000001714458	-10.5	0.300	462.46	ZINC15	O=C1c2ccc2C(=O)C(C)C(=O)C2ccc2)C2=C(C)C(=O)C(=O)C3=O)C=C1O
vMpro-as1-175	ZINC000002332302	-10.5	0.318	431.50	ZINC15	Cc1ccc(-n2c3ncc4ccc4n3c2)2nnc([C@H]2C2ccc2)C3=O)C1=O
vMpro-as1-176	ZINC000002336254	-10.5	0.318	439.45	ZINC15	O=C1c1ccc1)C[C@H]1[C@H]2(C)C(=O)N(C)C(=O)F)3)C(=O)C[C@H]2(C)C3ccc3C=NN12
vMpro-as1-177	ZINC000002366044	-10.5	0.292	471.52	ZINC15	O=C1c1ccc1)C[C@H]1[C@H]2(C)C(=O)N(C)C(=O)F)3)C(=O)C[C@H]2(C)C3ccc3C=NN12
vMpro-as1-178	ZINC000003873988	-10.5	0.318	429.43	ZINC15	O=C1c2ccc2C(=O)C2c2(Nc3ccc4c3)C(=O)C3ccc3C4=O)ccc21
vMpro-as1-179	ZINC000004698292	-10.5	0.339	408.46	ZINC15	Cn1c2ccc2c2ccc(C[C@H]3CC(=O)O)4c5ccc5n(C)C(=O)4)3)cc1
vMpro-as1-180	ZINC000008834551	-10.5	0.300	461.48	ZINC15	O=C1c2ccc3ncc4ccc4n3n(-c3ccc4c(c3)O)CCO4)2)N1C1ccc1
vMpro-as1-181	ZINC000008870443	-10.5	0.300	482.56	ZINC15	CN1c2ccc(S(=O)(=O)Nc3cc4c5c(oc44)ccc4)3)CC5C5c1ccc(c2)C1=O
vMpro-as1-182	ZINC000008871108	-10.5	0.292	495.93	ZINC15	O=C1c2ccc3ncc4ccc4n3n(-c3ccc4c(c3)O)CCO4)2)N1C1ccc1
vMpro-as1-183	ZINC000009776804	-10.5	0.284	497.59	ZINC15	COc1ccc2(c1O)C[C@H](C)N1CCN(C3ccc3)CC1)[C@H]1c2ccc3CCN1C2=O
vMpro-as1-184	ZINC000012244659	-10.5	0.284	509.53	ZINC15	O=C1ccc(-c2ccc2n[nH]1)N1CCCN2c3ccc(C(F)F)F)cc3n2)C[C@H]13CCCO2)CC1
vMpro-as1-185	ZINC000012559603	-10.5	0.269	508.58	ZINC15	O=C1NC(c2ccc2)=C2c2n3ccc3[nH]2)[C@H]1c2n(-c3ccc3)nc2-c2ccc2)CC1
vMpro-as1-186	ZINC000012887862	-10.5	0.309	456.54	ZINC15	C[C@H]1N(C)C(=O)C[C@H]2C2c3ccc3[nH]2)C[C@H]2c3ccc3C(=O)N1)C1CCCC1
vMpro-as1-187	ZINC000013590248	-10.5	0.339	407.47	ZINC15	Cc1ccc2e(1)C(=O)C1ccc3ccc3e(O)n1-c1ccc(C)cc1)C(=O)N2C
vMpro-as1-188	ZINC000013756054	-10.5	0.318	500.40	ZINC15	CCCN1C(=O)C(=O)C2c3ccc3c(=O)n2-c2ccc(C)cc2)Br)ccc21
vMpro-as1-189	ZINC000018179959	-10.5	0.300	489.89	ZINC15	Cc1ccc(N2C(=O)C[C@H]3[C@H]4(c4ccc(F)cc4)OC4(C)=O)c5ccc5C4=O)C[C@H]3C2=O)cc1C1
vMpro-as1-190	ZINC000031687842	-10.5	0.300	462.46	ZINC15	O=C1c2ccc2C(=O)C(C)C(=O)C2ccc2)C2=C(C)C(=O)C3=O)C=C1O
vMpro-as1-191	ZINC000031829103	-10.5	0.339	407.47	ZINC15	Cc1ccc2e(1)C(=O)C1ccc3ccc3e(O)n1-c1ccc(C)cc1)C(=O)N2C
vMpro-as1-192	ZINC000034921958	-10.5	0.269	525.58	ZINC15	Cc1ccc(CN2CCN(C)=O)c3nc(-c4ccc5c(4)OC)5nc3Nc3ccc(F)C2)CC2cc1
vMpro-as1-193	ZINC000035147335	-10.5	0.300	465.55	ZINC15	Cc1ccc(-c2n[nH]c3c2)C[C@H](C)C(=O)N2)C(C)C(=O)N(C)C1=O
vMpro-as1-194	ZINC000048523762	-10.5	0.292	464.48	ZINC15	O=C1c2ccc2C(=O)C2=C3C=C4C=C5C(=O)C6ccc6c5)O)C5=C=C(C)C1)C[C@H]3[C@H]45
vMpro-as1-195	ZINC000049006633	-10.5	0.309	451.45	ZINC15	Cc1ccc(-c2ncc(-c3ccc4n3m(C)3ccc(=O)n5)ccc5)3)4=O)2)1
vM						

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike1-1	PV-001861465482	-8.8	0.293	418.338	REAL	Cc1ccc(O)nc2ccc(NC(=O)c3nc(C)nc4nc(C(F)F)F)nH4j3cc12
vAce2-spike1-2	Z1323896259	-8.8	0.275	449.392	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)OC2(CCCC2)O3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-3	Z1323884037	-8.7	0.281	425.373	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)Cc2ccc2-3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-4	Z1613949112	-8.7	0.281	420.422	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)j1)nc1nc(-c2ccc(F)c2)c1CCC2
vAce2-spike1-5	Z1664931328	-8.7	0.29	397.433	REAL	Cc1ccc(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)j2o1
vAce2-spike1-6	Z2160483899	-8.7	0.29	398.421	REAL	Cc1nc(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)j2o1
vAce2-spike1-7	Z810425300	-8.6	0.246	493.63	REAL	Cc1cccc(NC(=O)C@H)2CCCN(C(=O)C)C3c3nc4sc5c(c4(=O)nH3)CC(C@H)C(C)C5)C2)n1
vAce2-spike1-8	PV-001818840757	-8.5	0.283	408.392	REAL	O=C(C(C@H)1NC(=O)c2ccc2NC1=O)Nc1n[nH]c(Cc2ccc(F)c2)n1
vAce2-spike1-9	PV-001868042535	-8.5	0.274	438.388	REAL	Cc1nc(C(=O)Nc2ccc(N3CCCC3)(F)c2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-10	Z1235131928	-8.5	0.274	413.48	REAL	Cc1ccc(NNC(=O)C@H)2CC(=O)N(c3ccc4c(c3)Cc3ccc3-4)C2)nc(C)n1
vAce2-spike1-11	Z1272302699	-8.5	0.258	446.485	REAL	Cc1nc(-c2ccc(N3CCC(C@H)4nc(-c5ccc(F)c5)no4)C3)nc2j1nH1c(=O)c1C
vAce2-spike1-12	Z1324897279	-8.5	0.266	445.408	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)nc2n3CCCC2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-13	Z1325147839	-8.5	0.304	393.328	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)C)C3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-14	Z3167706395	-8.5	0.293	395.47	REAL	Cc1cccc(NC(=O)C@H)2CCCN(c3nnc(C4n[nH]c(C)n4)3)C2)j1
vAce2-spike1-15	PV-001842100988	-8.4	0.29	459.307	REAL	Cc1ccc(N2CCC(C@H)NC(=O)c3nc(C)nc4nc(H4)n3)C2=O)ccc1Br
vAce2-spike1-16	PV-001957904638	-8.4	0.29	404.44	REAL	C(C@H)NC(=O)N1CCCC2(CC1)C(C@H)O(CCO)C1nc(-c2ccc(F)c2)no1
vAce2-spike1-17	Z1323893567	-8.4	0.29	417.254	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)OC(F)F)O3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-18	Z1546238198	-8.4	0.255	444.537	REAL	Cc1ccc(C)nc(-n2nc(C(=O)N3CCC(C(=O)N4CC5c5ccc54)CC3)ccc2)C1
vAce2-spike1-19	Z2087173589	-8.4	0.271	435.365	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)C(=O)CC(C)C(O)3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-20	Z2232287256	-8.4	0.255	437.502	REAL	Cc1cc(C(=O)Nc2ccc3c(c2)N(C(=O)C)2ccc2)CC3)nn1-c1cccc1
vAce2-spike1-21	PV-001826352288	-8.3	0.268	454.843	REAL	Cc1nc(C(=O)Nc2ccc(N3CCCC3)(c1)C)2nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-22	PV-001840548514	-8.3	0.259	456.378	REAL	Cc1nc(C(=O)Nc2ccc(F)N3CCCC3)(c1)C)2nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-23	PV-001871319755	-8.3	0.259	434.498	REAL	CNC(=O)Nc1ccc(C(=O)N2CCC(Cc3nc(-c4ccc(C)4)no3)CC)ccc1
vAce2-spike1-24	PV-001874465013	-8.3	0.307	374.281	REAL	O=C(Nc1cnc2[nH]ncc2c1)c1cccc(-c2nnc(C(F)F)F)n2)j1
vAce2-spike1-25	Z1027770464	-8.3	0.252	449.485	REAL	O=C(Nc1ccc(N2CCCC2=O)c1)N1CCCC(C@H)C2nc(-c3ccc(F)c3)no2)C1
vAce2-spike1-26	Z1325370435	-8.3	0.296	421.403	REAL	Cc1nc(C(=O)N)C@H)2CC(C@H)S(C(=O)O)C2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-27	Z1430648589	-8.3	0.277	419.37	REAL	Cc1cccc2nc(CNC(=O)c3nc(C)nc4nc(C(F)F)F)nH4)3)nc(C)12
vAce2-spike1-28	Z1530493105	-8.3	0.268	433.437	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)C(C)C)C3)C)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-29	Z1637282921	-8.3	0.307	368.342	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)j1)C1=Cc2cc(F)ccc2O1
vAce2-spike1-30	Z1683565629	-8.3	0.259	449.359	REAL	O=C1C(C@H)C2nc(-c3cc(F)ccc3(C)F)F)no2)CN1c1ccc2c(c1)OCCO2
vAce2-spike1-31	Z1750746709	-8.3	0.307	365.327	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)j1)C1cc2cc(=O)nH1ncc2n1
vAce2-spike1-32	Z1823377971	-8.3	0.277	433.311	REAL	O=C(Nc1ccc(C(F)F)nn1)N(C@H)1CC(=O)Nc2ccc(C(F)F)F)c2)C1
vAce2-spike1-33	Z1891575450	-8.3	0.259	425.447	REAL	NC(=O)c1c[nH]c(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)j2o1
vAce2-spike1-34	Z2206298590	-8.3	0.277	425.312	REAL	O=C(N)C@H)1CC(Cc2(F)cc(F)cc2)C1c1cccc(-c2nnc(C(F)F)F)n2)j1
vAce2-spike1-35	Z2413550394	-8.3	0.332	368.382	REAL	C(C@H)1CCN(C@H)C2nc(-c3ccc4sc(C(F)F)F)nc34)no2)C1
vAce2-spike1-36	Z983988696	-8.3	0.231	489.574	REAL	Cc1ccc(NC(=O)N2CCN(C(=O)N)C3ccc(-c4ccc5c(c4)CCCO5)cc3)CC2)no1
vAce2-spike1-37	PV-001810541003	-8.2	0.293	385.304	REAL	O=C(Nc1ccc2ccc2nn1)c1cccc(-c2nnc(C(F)F)F)n2)j1
vAce2-spike1-38	PV-001837033462	-8.2	0.315	379.322	REAL	O=C(Nc1ccc2nc(S)oc2c1)c1ccc2nc(C(F)F)F)nH1j2
vAce2-spike1-39	PV-001846781053	-8.2	0.273	417.346	REAL	O=C(Nc1cccc(N2C(=O)CCCC2=O)c1)c1cccc2nc(C(F)F)F)nH1j2
vAce2-spike1-40	PV-001957902804	-8.2	0.256	438.437	REAL	C(C@H)NC(=O)N)C@H)C)1ccc(-n2ccn2)c(F)1c1nnc(-c2ccc(F)c2)no1
vAce2-spike1-41	Z1323948822	-8.2	0.283	427.773	REAL	Cc1nc(C(=O)N)C@H)2CC(Cc3(C)cccc3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-42	Z1324950851	-8.2	0.273	442.744	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)C)C3)C)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-43	Z1404562288	-8.2	0.273	417.354	REAL	Cc1nc(C(=O)N2CC(c3nc4ccc4nH3)C2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-44	Z1416543572	-8.2	0.283	388.426	REAL	CNC(=O)C1ncc(C@H)2CC(=O)N(c3ccc4c(c3)Cc3ccc3-4)C2)j1
vAce2-spike1-45	Z1683768061	-8.2	0.248	436.47	REAL	NC(=O)c1cccc(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)j2o1
vAce2-spike1-46	Z1684179630	-8.2	0.304	378.411	REAL	Cc1cccc(-c2nnc(-c3ccc(-c4ccc5c(c4)OCCO5)3)no2)j1
vAce2-spike1-47	Z1685323420	-8.2	0.265	413.444	REAL	Cc1ccc(C)nc(-n2nc(-c3nc(-c4ccc(-c5nnc(C)nH5)4)no3)ccc2)C)n1
vAce2-spike1-48	Z1741672460	-8.2	0.256	445.448	REAL	Cc1nc(C(=O)N2C(C@H)C3ccc3)C@H)3CCCC(C@H)32)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-49	Z1873469736	-8.2	0.273	416.358	REAL	CN1C(=O)CCc2cc(NC(=O)c3ccc(-c4nnc(C(F)F)F)nc4)3)ccc21
vAce2-spike1-50	Z1981822081	-8.2	0.265	441.456	REAL	Cc1nc(C(=O)N2CCCC(C@H)2(C@H)2(C@H)C)CC(C@H)2O)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-51	Z2089425514	-8.2	0.293	378.387	REAL	Cc1cccc(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)OCCO5)C3)j2o1
vAce2-spike1-52	Z2091204875	-8.2	0.293	407.738	REAL	O=C(Nc1nc2c(C)cccc2[nH]1)c1cccc(-c2nnc(C(F)F)F)n2)j1
vAce2-spike1-53	Z2118684250	-8.2	0.273	416.318	REAL	O=C(N)Nc1ccc2ccc2c(=O)nH1)c1cccc(-c2nnc(C(F)F)F)n2)j1
vAce2-spike1-54	Z2159675548	-8.2	0.273	436.745	REAL	Cc1nc(-c2nc(-c3(C)nc4ccc34)no2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-55	Z2229810567	-8.2	0.265	428.369	REAL	Cc1ccc2nc(NC(=O)c3ccc(-c4nnc(C(F)F)F)nc4)3)ccc2n(C)c1=O
vAce2-spike1-56	Z2234572537	-8.2	0.304	390.348	REAL	Nc1ccc(-c2nnc(-c3ccc(-c4ccc(C(F)F)F)nc4)3)no2)nn1
vAce2-spike1-57	Z2284942574	-8.2	0.273	399.449	REAL	Cc1cccc(-c2nnc(-c3ccc(C(=O)N4C(C@H)5(C@H)6C=C(C@H)O)6)C@H)5)C4)cc3)j2o1
vAce2-spike1-58	Z2477230542	-8.2	0.283	398.397	REAL	C(C@H)NC(=O)N)C)1ncc2c(n1)CCOC2)C1nc(-c2ccc(F)c2)no1
vAce2-spike1-59	Z499291430	-8.2	0.228	483.535	REAL	Cc1ncc2c(n1)CC(C@H)NC(=O)N)N(C=O)c1ccc(Cn3nnc(-c4ccc4n3)ccc1)C2
vAce2-spike1-60	Z509797392	-8.2	0.248	443.506	REAL	CCc1ccc(-c2nnc(C(=O)C)C3CCN(c4nc5ccc5o4)CC3)ccc2)j1
vAce2-spike1-61	Z647619990	-8.2	0.248	444.494	REAL	Cc1ccc2c(O)C(=O)N3CCN(C@H)C@H)C4nc(-c5ccc5no4)CC3)ccc2n1
vAce2-spike1-62	PV-001829221598	-8.1	0.261	452.464	REAL	Cc1ccc(NC(=O)c2nc(C)nc3nnc(C(F)F)F)nH3)2)ccc1N1CCCC1
vAce2-spike1-63	PV-001841154561	-8.1	0.27	411.382	REAL	O=C(Nc1ccc(Cc2ccc2ccc1O)c1ccc2ccc(C(F)F)F)n12
vAce2-spike1-64	PV-001846557694	-8.1	0.3	380.239	REAL	O=C(Nc1ccc(C@H)2CCCC2)j1nH1)c1ccc2nc(C(F)F)F)nH1j2
vAce2-spike1-65	PV-001850123693	-8.1	0.289	375.383	REAL	O=C1CC(c2ccc(NC(=O)c3ccc4ccc(O)nc34)2)CC1=O)N1
vAce2-spike1-66	PV-001855678163	-8.1	0.27	423.834	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)j1)c1ccc(Oc2ccc(C)j2)nc1
vAce2-spike1-67	PV-001856308878	-8.1	0.261	446.271	REAL	Cc1nc(C(=O)Nc2ccc3nc(C(F)F)F)oc3c2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-68	PV-001864277680	-8.1	0.261	434.381	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)C@H)C)CC(=O)N3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-69	PV-001866524845	-8.1	0.27	421.338	REAL	Cc1nc(C(=O)N)C@H)2CC(=O)c3ccc3c2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-70	PV-001872451883	-8.1	0.279	415.375	REAL	Cc1nc(C(=O)N)C@H)2CC(C@H)3(CO)C@H)C3)O2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-71	PV-001874645292	-8.1	0.261	429.357	REAL	C(C@H)NC(=O)c1ccc(N2C(=O)c3ccc3C2=O)c1c1nnc(C(F)F)F)nH1
vAce2-spike1-72	PV-001877476707	-8.1	0.3	378.309	REAL	O=C(Nc1nc2c(o1)CCCC2)c1cccc(-c2nnc(C(F)F)F)n2)j1
vAce2-spike1-73	PV-001944811377	-8.1	0.245	450.541	REAL	COc1ccc(-c2nnc(C@H)C)NC(=O)N3nc(N4CCCC(C@H)4)C(C)C3)j2o1
vAce2-spike1-74	PV-001946418667	-8.1	0.312	372.35	REAL	C(C@H)NC(=O)N)C)1ccc(C2(C)CCCC2)no1)c1nnc(C(F)F)F)nH1
vAce2-spike1-75	PV-001957890232	-8.1	0.279	412.876	REAL	COc1ccc(-c2nnc(C@H)C)NC(=O)N)C@H)3CC4ccc(C)ccc4)2)j1
vAce2-spike1-76	PV-001961056425	-8.1	0.289	396.336	REAL	O=C(Nc1nc(C(F)F)F)nH1)N(C@H)1CCN(c2ccc3nnc3)C1
vAce2-spike1-77	Z1004161658	-8.1	0.245	444.469	REAL	O=C(Nc1nnc(-c2ccc2)nc1)N1CCCC(C@H)C2nc(-c3ccc(F)c3)no2)C1
vAce2-spike1-78	Z1200974302	-8.1	0.253	424.459	REAL	COc1ccc(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)j2o1
vAce2-spike1-79	Z1231830924	-8.1	0.279	387.402	REAL	Cc1ccc(Nc2ccc(C(=O)N)Nc3nc(-c4ccc4no3)ccc2)nn1
vAce2-spike1-80	Z1255854579	-8.1	0.27	406.441	REAL	O=C(Nc1nc2ccc2c(=O)nH1)j1)C@H)1CCN(C(=O)C)O)C2ccc2)C1
vAce2-spike1-81	Z1282835000	-8.1	0.289	384.385	REAL	C(C@H)NC(=O)N)C@H)1CCc2cc(F)ccc2)1)c1nnc(-c2ccc(F)c2)no1
vAce2-spike1-82	Z1323989330	-8.1	0.27	420.354	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)CC(C(=O)N3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-83	Z1324964303	-8.1	0.261	427.345	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)oc2ccc2)3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-84	Z1325454487	-8.1	0.279	405.343	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)nc(C)n3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-85	Z1365980511	-8.1	0.279	392.422	REAL	Cc1ccc(C)2nc(NC(=O)N)C@H)C)3nc(Cc4ccc4no3)3)nc2)1
vAce2-spike1-86	Z1393742145	-8.1	0.279	390.446	REAL	Cc1nc(-c2ccc(C)C)NC(=O)N)C@H)C)3ccc4c(c3)CC(=O)N4)2)j1nH1
vAce2-spike1-87	Z1550812699	-8.1	0.279	418.786	REAL	O=C(N)C@H)1CCN(c2ccc(C)cc2)C1=O)c1ccc(-c2ccc(F)c2)nc1
vAce2-spike1-88	Z1605080992	-8.1	0.253	445.448	REAL	Cc1nc(C(=O)N)C@H)2(C@H)3CC(C)C)C4ccc2c4)3)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-89	Z1613949484	-8.1	0.279	397.384	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)j1)C1cc(N2CCCC2=O)ccc1F
vAce2-spike1-90	Z1637284819	-8.1	0.245	442.453	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)j1)C1ccc(OC2en3ccc3n2)C1
vAce2-spike1-91	Z1649059253	-8.1	0.261	436.397	REAL	Cc1ccc(NC(=O)c2nc(C)nc3nnc(C(F)F)F)nH3)2)ccc1N1CCOCC1
vAce2-spike1-92	Z1842760471	-8.1	0.289	393.833	REAL	O=C(N)Nc1ccc2c2)nc1ccc(OC2ccc(C)cc2)j1
vAce2-spike1-93	Z1907428393	-8.1	0.27	418.338	REAL	Cc1nc(C(=O)Nc2ccc3ccc(=O)nc(C)3c2)nn1-c1nnc(C(F)F)F)nH1
vAce2-spike1-94	Z1926547692	-8.1	0.261	413.415	REAL	Cc1ccc(F)cc(-n2cc(C(=O)N3ccc(-c4en5ccc5n4)3)ccc2)nc1
vAce2-spike1-95	Z2159549788	-8.1	0.3	388.403	REAL	Cc1ccc(-c2nnc(C@H)3CC(=O)N(c4ccc5(S)N(=O)=O)c4)3)j2o1
vAce2-spike1-96	Z2160489151	-8.1	0.312	350.377	REAL	Cc1nc(-c2nnc(C@H)3CC(=O)N(c4ccc5c(c4)CC5)C3)j2o1
vAce2-spike1-97	Z230724288	-8.1	0.253	463.92	REAL	Cc1ccc(NC(=O)N2CCN(C(=O)N)C3ccc(C)4c4c3)OCCCO4)CC2)no1
vAce2-spike1-98	Z2902883057	-8.1	0.3	453.272	REAL	NS(=O)=O)c1ccc(N2C(C@H)1)C)nc(-c4ccc(Br)oc4)no3)CC2=O)c1
vAce2-spike1-99	Z2903061099	-8.1	0.261	410.432	REAL	O=C1N=CC=C(C@H)1)C1ncc(C@H)2CC(=O)N(c3ccc4c(c3)Cc3ccc3-4)C2)j1
vAce2-spike1-100	Z2903497765	-8.1	0.279	397.34	REAL	Cn1ccc(-c2nnc(-c3ccc(NC(=O)c4ccc(F)cc4)3)no2)j1

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike1-101	Z29404494	-8.1	0.253	450.52	REAL	Cc1cc(C)n2nc(C(=O)N3CCN(S(=O)=O)c4ccc5cccc5c4)CC3nc2n1
vAce2-spike1-102	Z748748616	-8.1	0.219	493.53	REAL	O=C(NC1ccc(-c2ccc2o1)NCC(=O)c1ccc(Cn2nnc(-c3ccc3n2)cc1
vAce2-spike1-103	Z991832880	-8.1	0.261	415.47	REAL	O=C(Cc1ccc2ccc2c1)N1CCCC[C@H](c2nc(-c3ccc(F)c3)nc2)C1
vAce2-spike1-104	ZINC000002990413	-8.1	0.231	461.52	ZINC	Cn1c2ccc2c2cc(C=C(NC(=O)c3ccc3)C(=O)Nc3ccc(O)c3)ccc21
vAce2-spike1-105	PV-001799987693	-8.0	0.276	403.36	REAL	Cc1ccc2c(c1)N(C(=O)c1ccc(-c3noc(C(F)(F)F)n3)c1)C(C@H)(C)O2
vAce2-spike1-106	PV-001802154262	-8.0	0.286	390.32	REAL	O=C(Nc1ccc2c(e1)COCC2)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-107	PV-001812042826	-8.0	0.250	444.34	REAL	O=C(Nc1ccc(-n2ccc2o)cc1F)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-108	PV-001818839233	-8.0	0.286	380.35	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc(-c2ccc2F)o1
vAce2-spike1-109	PV-001818839658	-8.0	0.296	425.26	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc2cc(Br)ccc2c1
vAce2-spike1-110	PV-001818840190	-8.0	0.286	459.20	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc(Br)cc(F)(F)F1
vAce2-spike1-111	PV-001818840306	-8.0	0.308	431.29	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc2cc(Br)cc2c1
vAce2-spike1-112	PV-001824311775	-8.0	0.250	454.46	REAL	Cc1nc(C(=O)N2CCC(C(=O)N3CCC[C@H](C)C3)CC2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-113	PV-001826511942	-8.0	0.276	410.82	REAL	Cc1nc(C(=O)Nc2ccc(-O)n(Cc3ccc3)Cl)cc2)nn1-c1nnc(F)F1
vAce2-spike1-114	PV-001827368914	-8.0	0.267	422.41	REAL	Cc1ccc(C(=O)Nc2ccc(C(F)(F)F)c2)cc1NC(=O)C(C@H)(C)NC(N)=O
vAce2-spike1-115	PV-001828681739	-8.0	0.250	454.46	REAL	Cc1nc(C(=O)N2CCC(C(=O)N3CCCCC3)CC2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-116	PV-001836295889	-8.0	0.250	446.43	REAL	CN1CCN(C(=O)C)c2ccc(NC(=O)c3ccc4nnc(C(F)(F)F)nH3)c4)cc2)CC1
vAce2-spike1-117	PV-001839417734	-8.0	0.308	379.73	REAL	O=C(Nc1n[nH]c2c(Cl)ccc12)c1ccc2cc(C(F)(F)F)n2c1
vAce2-spike1-118	PV-001843835041	-8.0	0.250	450.38	REAL	COCN1C(=O)CCc2cc(NC(=O)c3nc(C)n(-c4nnc(C(F)(F)F)nH4)n3)ccc21
vAce2-spike1-119	PV-001847552810	-8.0	0.276	459.35	REAL	Cc1cc(Br)cc(C)c1N1CCCC[C@H](NC(=O)c2nc(C)n(-c3nnc(F)c3)nc2)C1
vAce2-spike1-120	PV-001851565105	-8.0	0.308	363.26	REAL	O=C(Nc1n[nH]nc2nc(O)ccc12)c1ccc2nc(C(F)(F)F)nH1c12
vAce2-spike1-121	PV-001854461363	-8.0	0.258	448.33	REAL	Cc1nc(C(=O)Nc2ccc(N(C)C)c(C(F)(F)F)c2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-122	PV-001855674479	-8.0	0.250	455.47	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc(S(=O)=O)Nc2ccc2c1
vAce2-spike1-123	PV-001855681852	-8.0	0.286	396.81	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc(-c2ccc(Cl)cc2)nH1
vAce2-spike1-124	PV-001858912921	-8.0	0.267	420.35	REAL	Cc1nc(C(=O)Nc2ccc3c(C)CCN(C#N)O)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-125	PV-001867408624	-8.0	0.276	402.34	REAL	Cc1nc(C(=O)N)C(C@H)2C3ccc(C#N)cc3)2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-126	PV-001871318674	-8.0	0.250	447.42	REAL	Cc1ccc(-c2noc(C3CCN(C(=O)c4ccc(C(F)(F)F)c4)CC3)nn2)nn1
vAce2-spike1-127	PV-001871635515	-8.0	0.267	414.42	REAL	Cc1ccc(-O)nH1c(N2CCC[C@H](NC(=O)c3ccc(-c4cc(F)cc4n3)cc2)nn1
vAce2-spike1-128	PV-001872294817	-8.0	0.276	402.38	REAL	O=C1CCC[C@H](c2ccc(NC(=O)c3ccc4nnc(C(F)(F)F)nH3)c4)cc2)CC1
vAce2-spike1-129	PV-001874881335	-8.0	0.258	433.44	REAL	Cc1nc(C(=O)N)C(C@H)2CCC[C@H](c3ccc3)CC2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-130	PV-001875446345	-8.0	0.250	450.38	REAL	Cc1ccc(NC(=O)c2nc(C)n(-c3nnc(C(F)(F)F)nH3)cc2)cc1N1COCC1=O
vAce2-spike1-131	PV-001901300710	-8.0	0.286	406.34	REAL	O=C(Nc1ccc(-c2ccc2o)nn1)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-132	PV-001941894789	-8.0	0.267	418.38	REAL	C(C)C(NC(=O)N)C1ccc(NC(=O)c2ccc2c1)c1nnc(C(F)(F)F)nH1
vAce2-spike1-133	PV-001943072271	-8.0	0.296	414.78	REAL	Cc1nc(Cl)ccc(NNC(=O)Nc2nc3cc4(cc3s2)OC(F)O4)nn1
vAce2-spike1-134	PV-001945405654	-8.0	0.267	401.47	REAL	CC(C)c1ccc(Cn2ccc2NC(=O)N)Nc2ccc3ccc23)ccc1
vAce2-spike1-135	PV-001945833550	-8.0	0.308	367.33	REAL	Cc1ccc2cc(NC(=O)N)C(C)C3nnc(C(F)(F)F)nH3)ccc2c1C
vAce2-spike1-136	PV-001948471911	-8.0	0.276	410.86	REAL	O=C(NC1nc(-c2ccc(Cl)c2)nn1)Nc1ccc2c(c1)C(=O)CCCC2
vAce2-spike1-137	PV-001957903211	-8.0	0.267	421.33	REAL	C(C)C(NC(=O)N)Nc1ccc2c1OC(F)O2)c1nnc(-c2ccc(F)c2)nn1
vAce2-spike1-138	PV-001957903615	-8.0	0.267	428.89	REAL	C(C)C(NC(=O)N)C(C)C(NC(=O)N)C2nnc(-c3ccc(F)c3)no2C3ccc2Cl)cc21
vAce2-spike1-139	PV-001965160239	-8.0	0.250	457.59	REAL	C(C)C(NC(=O)N)C(C)C(NC(=O)N)C2nnc(-c3ccc(F)c3)no2C3CS1(=O)=O
vAce2-spike1-140	PV-001970528943	-8.0	0.286	397.32	REAL	Cn1ccc2c(O)nH1c(NNC(=O)N)C3ccc(OC(F)(F)F)c3)cc21
vAce2-spike1-141	PV-002013387594	-8.0	0.267	410.54	REAL	Cc1ccc(Cn(Cc2nnc(N3CCCCC3)nc2C)ccc(F)cc2)nn1
vAce2-spike1-142	Z1006501812	-8.0	0.276	389.42	REAL	CC(C)c1nnc(NC(=O)c2ccc(NC(=O)c3ccc4nH1nnc4)c2)nn1H1
vAce2-spike1-143	Z1023503370	-8.0	0.242	455.49	REAL	O=C(CN1C(=O)N2(C)CCCC2)C1=O)N1CCCC[C@H](c2nc(-c3ccc(F)c3)no2)C1
vAce2-spike1-144	Z1027845972	-8.0	0.229	479.51	REAL	O=C(Nc1ccc(C(=O)N2CCOCC2)c1)N1CCCC[C@H](c2nc(-c3ccc(F)c3)no2)C1
vAce2-spike1-145	Z1028150836	-8.0	0.222	495.53	REAL	O=C(NC1CCN(C(=O)c2ccc2F)CC1)N1CCCC[C@H](c2nc(-c3ccc(F)c3)no2)C1
vAce2-spike1-146	Z102996306	-8.0	0.250	438.41	REAL	O=C(Nc1ccc(-c2nc(C3CC3)nH1)cc2)nn1c1ccc(-n2nnc2(C(F)(F)F)c1
vAce2-spike1-147	Z1067308502	-8.0	0.242	440.50	REAL	COc1ccc(C(C(=O)N2C3ccc(NC(=O)c4nc5c(C)ccc5n4)cc32)c1
vAce2-spike1-148	Z1094946062	-8.0	0.222	481.51	REAL	CC(=O)Nc1ccc(C(=O)Nc2ccc3nc(NC(=O)c4ccc(NC(C)O)c4)ccc32)c1
vAce2-spike1-149	Z1127879692	-8.0	0.242	450.50	REAL	C(C)C(NC(=O)N)C2c2c2(C)CC2)CN1C(=O)CCc1nc(-c2nnc(H)2)no1)OCCO3
vAce2-spike1-150	Z1133076467	-8.0	0.229	472.59	REAL	Cc1ccc(C(=O)N2CCC(NC(=O)N3CCC(c4nnc(-c5ccc5)nH4)CC3)CC2)cc1
vAce2-spike1-151	Z1134147875	-8.0	0.258	416.46	REAL	Cc1ccc(N2CCC[C@H](c3nc(-c4ccc(F)c4)no3)C2)nc(-c2ccc2)nn1
vAce2-spike1-152	Z1232656614	-8.0	0.267	411.39	REAL	Fc1ccc(-c2noc(C@H)3CCCN(c4nc5cc(F)c(F)cc5n4)C3)nn2c1
vAce2-spike1-153	Z1263759940	-8.0	0.267	398.47	REAL	C(C(=O)N)C1nc(-c2ccc2)nc2c1CC2)c1ccc2c(c1)CC(C(=O)N)2
vAce2-spike1-154	Z1318935695	-8.0	0.250	425.45	REAL	Cc1ccc(-c2cc(C(=O)N)NC(=O)Cc3nc4ccc4n3)ccc3)nn2o1
vAce2-spike1-155	Z1323919328	-8.0	0.258	431.38	REAL	Cc1ccc(Cn(-c2ccc(NC(=O)c3nc(C)n(-c4nnc(C(F)(F)F)nH4)n3)cc2)nn1
vAce2-spike1-156	Z1323963726	-8.0	0.267	421.34	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)nc(C)cc(O)n3)CC1)nc1nnc(C(F)(F)F)nH1
vAce2-spike1-157	Z1324998090	-8.0	0.296	378.28	REAL	Cc1nc(C(=O)Nc2nnc3ccc3)2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-158	Z1373137869	-8.0	0.242	445.52	REAL	C(C)C(NC(=O)N)N1CCCCC@H2C(=O)Nc3ccc3)CC1)nc1nnc(Cc2ccc2)no1
vAce2-spike1-159	Z1389739471	-8.0	0.258	424.46	REAL	Cc1ccc(NC(=O)CN2CCN(C(=O)N)C3nc(-c4ccc4)nn3)CC2)no1
vAce2-spike1-160	Z1392733282	-8.0	0.267	403.44	REAL	Cc1[nH]n2ncc(C(=O)N3CCC[C@H](NC(=O)c4ccc5ccc5o4)C3)cc12
vAce2-spike1-161	Z1435411180	-8.0	0.267	401.43	REAL	Cc1ccc(-c2nnc(NC(=O)c3ccc(C(=O)N)C4ccc44)c3)[nH]2o1
vAce2-spike1-162	Z1463888467	-8.0	0.286	373.38	REAL	Cn1ncc2c(O)nH1c(NNC(=O)N)C3ccc4ccc5ccc54)[nH]3)cc21
vAce2-spike1-163	Z1466173248	-8.0	0.258	418.46	REAL	Cc1nc(-c2ccc(NC(=O)N3CCN(c4nnc5nnc45)[C@H](C)C3)c2)nnH1
vAce2-spike1-164	Z1466829197	-8.0	0.286	447.20	REAL	O=C(Nc1nc(-c2ccc(Br)cc2F)nH1)c1ncc(-c2ccc(F)c2)nn1
vAce2-spike1-165	Z1613948689	-8.0	0.267	423.43	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc(-c2ccc3c(c2)OCCO3)nn1
vAce2-spike1-166	Z1637286342	-8.0	0.286	397.80	REAL	O=C(Nc1n[nH]c(Cc2ccc(F)c2)n1)c1ccc(-c2ccc(C)cc2)nn1
vAce2-spike1-167	Z1656857031	-8.0	0.258	413.44	REAL	Cc1ccc(-c2nnc(-c3ccc(C(=O)N4CCc5c(nc[nH]5)=O)C4)cc2)cc1
vAce2-spike1-168	Z1677216700	-8.0	0.348	324.37	REAL	Cc1nc(NC(=O)c2ccc3[nH]c(-c4ccc4)nc23)nn1H1
vAce2-spike1-169	Z1684172639	-8.0	0.258	435.91	REAL	Cc1ccc(-n2nc(C)c(C3nc(Cc4ccc(C)N)=O)c4)no3)ccc1C1
vAce2-spike1-170	Z1684868533	-8.0	0.276	411.84	REAL	Cc1ccc(Cl)cc1-c1ncc(C@H)2CCN(c3ccc4(c3)OCCO4)C2=O)nn1
vAce2-spike1-171	Z1685319633	-8.0	0.242	435.45	REAL	Cc1nnc(-c2ccc(-c3noc(-c4nnc(-c5ccc6ncc65)c4c3)cc2)nn1H1
vAce2-spike1-172	Z1685323835	-8.0	0.250	443.53	REAL	Cc1nnc(-c2ccc(-c3noc(C4CCN(c5ncc6ccc65)CC4)n3)cc2)nn1H1
vAce2-spike1-173	Z1732737917	-8.0	0.267	406.44	REAL	COc1ccc(-c2ncc(C@H)(C)NC(=O)N)C3ccc4cc(C)cc4n3)cc2c1
vAce2-spike1-174	Z1743436488	-8.0	0.276	393.37	REAL	O=C(Nc1ccc(-c2ncc(C)C@H)(O)C3ccc(F)c3)nn2)c1ccc1
vAce2-spike1-175	Z1767690035	-8.0	0.308	353.31	REAL	O=C1CCC2ccc(OC(=O)c3ncc(-c4ccc(F)c4)nc3)cc2)nn1
vAce2-spike1-176	Z1846548259	-8.0	0.258	416.40	REAL	Cc1nc(CO2ccc(C(=O)N)C3nnc(-c4ccc5ccc5o4)[nH]3)cc2)no1
vAce2-spike1-177	Z1846557233	-8.0	0.267	401.43	REAL	C(C)C(NC(=O)N)C1(C)C(=O)Nc1ccc(C(=O)N)C2nnc(-c3ccc4ccc4o3)[nH]2)c1
vAce2-spike1-178	Z1870107070	-8.0	0.276	392.39	REAL	C(C)C(NC(=O)N)C1(C)C(=O)Nc1ccc(C(=O)N)C2c3ccc3CN2C1=O
vAce2-spike1-179	Z1873361625	-8.0	0.276	401.30	REAL	O=C(Nc1ccc2oet(O)ccc2e1)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-180	Z1873528282	-8.0	0.276	401.31	REAL	O=C(Nc1nnc(-c2ncc2)cc1)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-181	Z1903349704	-8.0	0.276	413.80	REAL	O=C(NC1nc(-c2ccc(F)c2)no1)Nc1ccc(-c2ccc(Cl)c2)no1
vAce2-spike1-182	Z1905696049	-8.0	0.276	390.49	REAL	Cc1ccc(-c2n[nH]c(C@H)(C)NC(=O)N)C(C)C(C)C(C)C(C)C4)3)cc2)nn1
vAce2-spike1-183	Z1918078017	-8.0	0.296	361.40	REAL	Cc1ccc(-c2ncc(C@H)3CC(C(=O)N)C4ccc5c4)CC5)C3)nn2)nn1
vAce2-spike1-184	Z1995846816	-8.0	0.250	446.34	REAL	O=C(OC1nnc(C(F)(F)F)n1)c1ccc2c(O)nc(-c3ccc3)c(O)[nH]2c1
vAce2-spike1-185	Z2089226546	-8.0	0.267	398.51	REAL	Cc1ccc(Nc2ccc(C(=O)N3C[C@H](C4ccc4)C@H)4)CC[C@H](C)3)cc2)nn1
vAce2-spike1-186	Z2110662642	-8.0	0.276	399.33	REAL	O=C(Nc1ccc(-c2ccc2)nH1)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-187	Z2111544837	-8.0	0.267	426.86	REAL	CC1(C)CC(=O)c2ccc(NC(=O)N)C3nnc(-c4ccc(Cl)c4)no3)ccc2O1
vAce2-spike1-188	Z2119259111	-8.0	0.276	418.36	REAL	O=C(Nc1nnc(-c2ccc2)ns1)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-189	Z2126518026	-8.0	0.276	407.35	REAL	O=C(Nc1ccc(C@H)2CCCOC2)nH1)c1ccc(-c2noc(C(F)(F)F)n2)c1
vAce2-spike1-190	Z2157252686	-8.0	0.250	446.46	REAL	Cc1nc(-c2nc(CO3ccc4ccc43)no2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-191	Z2160349465	-8.0	0.267	392.35	REAL	Cn1ccc(-c2ncc(C@H)3CC(C(=O)N)C4ccc5c4)CC4ccc4-5)C3)cc2c1
vAce2-spike1-192	Z2160482443	-8.0	0.308	378.33	REAL	Cc1nc(-c2noc(-c3ccc(-c4ccc(C(F)(F)F)c4)nn2)no1
vAce2-spike1-193	Z2183206551	-8.0	0.267	404.47	REAL	C(C)C(NC(=O)N)N1CCCC[C@H]2(C)C3ccc3)CC1)nc1nnc(-c2ccc2)nn1
vAce2-spike1-194	Z2224596539	-8.0	0.276	433.85	REAL	Cc1ccc(Cn2nnc(C(=O)N)C3nnc(-c4(F)ccc4)C3)cc2)nn1
vAce2-spike1-195	Z2231650779	-8.0	0.250	448.41	REAL	Cc1nc(C(=O)N2CCCNC(=O)C)C@H)2C2ccc2)nn1-c1nnc(C(F)(F)F)nH1
vAce2-spike1-196	Z2307425796	-8.0	0.296	361.45	REAL	CC1nc(CNC(=O)N)C@H)2CC3ccc(-c4ccc4)cc3)nn1H1
vAce2-spike1-197	Z2335172622	-8.0	0.276	389.41	REAL	Cc1nnc(-c2ccc(C(=O)N3CC[C@H]4(C)C(=O)5ccc5O4)C3)cc2o1
vAce2-spike1-198	Z2343896663	-8.0	0.296	383.84	REAL	Cc1nc(-c2ccc(NC(=O)N3CCc4cc(C)nn4)C3)cc2)cc1C
vAce2-spike1-199	Z2444515687	-8.0	0.296	366.38	REAL	O=C(Nc1ccc1)N1CCCC2nnc(-c3ccc(O)nn3)no2)CC1
vAce2-spike1-200	Z2445229313	-8.0	0.276	388.47	REAL	CC(C)C(NC(=O)N)C1(C)C(=O)Nc1ccc4c(c3)ccc3cc3-4)CC2)nn1

Supplementary Table 10. Top 100 virtual hits of the screen against ACE2 at the Spike interaction site in which the structure with PDB ID 6M17 was used. (Screen ID: 1). The name of each compound consists of the initial letter 'v' for virtual hit, followed by the target protein name and the target site ('spike' for spike interaction site, for docking scenario 1). The score is the docking score given by

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike-1	Z226992964	-8.7	0.256	477.45	REAL	O=C(NNC(=O)C1CCN(c2ccc3mnc(C(F)F)F)n3n2)CC1)cIn[H]e2c1CCCC2
vAce2-spike-2	Z1021139114	-8.6	0.261	462.395	REAL	Cc1ccc(=O)n2nc(NC(=O)C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)n[H]e2n1
vAce2-spike-3	Z1137565832	-8.6	0.246	489.436	REAL	O=C(NC1c1nc(-c2ccc(F)cc2)n[H]1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-4	Z1024050858	-8.5	0.258	446.513	REAL	O=C1Nc2ccc2[C@@H]1C1CCN(C(=O)C2CCN(c3ccc4n4m4n3)CC2)CC1
vAce2-spike-5	Z226773826	-8.5	0.243	492.461	REAL	Cc1ccc(NC(C(=O)N)NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-6	Z226804070	-8.5	0.25	476.462	REAL	Cc1ccc(NC(=O)N)NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-7	Z12284580	-8.4	0.24	486.457	REAL	CN(Cc1nc2ccc2e(=O)n[H]1)C(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-8	Z826159176	-8.4	0.24	488.448	REAL	O=C(NC1ccc(-n2ccc2)cc(F)1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-9	Z12382148	-8.3	0.237	495.436	REAL	C[C@H](O)ccc(F)cc1)C(=O)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-10	ZINC000008656000	-8.3	0.231	486.324	ZINC	Oc1nnc(O)c2nc3nc1c2)cc1nc2c(O)nnc(O)c2nc1
vAce2-spike-11	ZINC000010816319	-8.3	0.259	465.434	ZINC	O=C(Nc1ccc2cc(F)cc2s1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-12	PV-001828987124	-8.2	0.265	440.429	REAL	NC(=O)N1CCN(C(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)CC1
vAce2-spike-13	PV-001864748066	-8.2	0.265	457.818	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-14	Z1212133020	-8.2	0.234	493.532	REAL	O=C(C1CCN(C(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)CC1)N1CCCCC1
vAce2-spike-15	Z1212363428	-8.2	0.248	466.423	REAL	Cc1ccc(NC(=O)CN(C)C(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-16	Z1215609940	-8.2	0.234	494.448	REAL	Cc1ccc(NC(=O)COC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1F
vAce2-spike-17	Z226817806	-8.2	0.234	492.461	REAL	Cc1ccc(NC(=O)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-18	Z758013340	-8.2	0.248	483.837	REAL	O=C(NNC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1)ccc(Cl)cc1O
vAce2-spike-19	PV-001850522725	-8.1	0.261	437.429	REAL	CC(C)1nnc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)n[H]1
vAce2-spike-20	PV-001869515859	-8.1	0.27	422.414	REAL	Cc1n[H]e1c(CNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1C
vAce2-spike-21	PV-001869938968	-8.1	0.27	424.361	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-22	PV-001875896075	-8.1	0.261	457.818	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-23	Z1037873644	-8.1	0.219	492.577	REAL	O=C(Nc1cccc1)C[C@H]1CC2ccc2N1C(=O)c1ccc2e(=O)n3nc2c1)CCCC3
vAce2-spike-24	Z1129810280	-8.1	0.231	486.457	REAL	O=C(Nc1ccc2ccc21)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-25	Z1487169776	-8.1	0.27	423.373	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-26	Z1684206556	-8.1	0.261	453.543	REAL	C[C@H]1CC[C@H](C)C(=O)C2CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)n2)CC1
vAce2-spike-27	Z2094121710	-8.1	0.27	424.361	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-28	Z1212178528	-8.1	0.238	481.409	REAL	O=C(CO)ccc(F)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-29	Z1215604958	-8.1	0.238	483.45	REAL	CC(=O)N1CCN(C(=O)COC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)CC1
vAce2-spike-30	Z1216411668	-8.1	0.27	419.41	REAL	Cc1ccc(NNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-31	Z1216418378	-8.1	0.27	423.373	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-32	Z12179910169	-8.1	0.3	374.369	REAL	FC(F)F)F)nc1N2CCCN3c4ccc4C[C@H]3C2c2n[H]e2n1
vAce2-spike-33	Z295543308	-8.1	0.238	471.446	REAL	O=C(NC1ccc(-n2ccc2)nc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-34	Z295744302	-8.1	0.261	433.437	REAL	C[C@H]1c2ccc2CCN1C(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-35	Z344230510	-8.1	0.231	487.528	REAL	C[C@H]1(CNC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1)N1CC2ccc2CC1
vAce2-spike-36	Z453257488	-8.1	0.231	493.532	REAL	O=C(C1CCN(C(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)CC1)N1CCCC1
vAce2-spike-37	Z512234510	-8.1	0.238	472.47	REAL	Cc1(c[C@H]1)CC(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)ccc2ccc12
vAce2-spike-38	Z758988114	-8.1	0.245	458.447	REAL	Cc1ccc2ccc(CNC(=O)C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)nc2e1
vAce2-spike-39	Z808254112	-8.1	0.279	411.431	REAL	O=C(NC1CCCC1)N1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-40	PV-001810444094	-8	0.258	441.413	REAL	C[C@H]1OCC[C@H]1C(=O)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-41	PV-001820016009	-8	0.258	441.388	REAL	CC(C)C1ccc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)nc1
vAce2-spike-42	PV-001853294706	-8	0.25	451.456	REAL	CC(C)C1c1nc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)n[H]1
vAce2-spike-43	PV-001866942754	-8	0.258	457.818	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-44	PV-001877277346	-8	0.258	454.839	REAL	O=C(NC1ccc(Cl)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-45	PV-001967929628	-8	0.267	409.449	REAL	CC(C)C1nc1[C@H]2OCCN2C(=O)N)C2ccc(-c3ccc3n2)nc1O
vAce2-spike-46	Z1024228616	-8	0.242	461.447	REAL	NC(=O)c1ccc(CCCN(C(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-47	Z1082946418	-8	0.25	450.42	REAL	Cc1ccc(CNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1O
vAce2-spike-48	Z1137565350	-8	0.258	422.427	REAL	O=C(NC1nc(-c2ccc(F)cc2)n[H]1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-49	Z1173764006	-8	0.276	404.37	REAL	Fc1ccc2c(C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)cn[H]e2c1
vAce2-spike-50	Z1345915131	-8	0.258	422.531	REAL	Cc1ccc(N2CC[C@H]1NC(=O)N)C3CCN(c4ccc(C)nc4)C3C2=O)cc1
vAce2-spike-51	Z1683430120	-8	0.25	447.395	REAL	Cc1ccc(F)cc(-n2ccc(C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)n2)cc1
vAce2-spike-52	Z1685040243	-8	0.258	434.381	REAL	Cc1ccc(Ce2nnc(C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)n2)nc1
vAce2-spike-53	Z1768354113	-8	0.258	436.397	REAL	Cc1ccc(NNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-54	Z1842699865	-8	0.267	420.398	REAL	Cc1ccc1N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-55	Z1212189084	-8	0.235	483.4	REAL	O=C(NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1)Nc1ccc(F)cc1
vAce2-spike-56	Z12150418015	-8	0.267	423.394	REAL	O=C1Cc2ccc(NC(=O)N)C3CC[C@H]3c3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-57	Z1215604214	-8	0.235	482.505	REAL	C[C@H]1CC[C@H](C)C(=O)COC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)[C@H]1C
vAce2-spike-58	Z1215607106	-8	0.229	481.477	REAL	O=C(O)C1ccc(-c2ccc2)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-59	Z1216413728	-8	0.267	419.41	REAL	Cc1ccc(NNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-60	Z1217378022	-8	0.242	467.494	REAL	O=C(C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1)N1CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)CC1
vAce2-spike-61	Z1217988951	-8	0.276	406.342	REAL	Fc1ccc2c(C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)nc2e1
vAce2-spike-62	Z226262034	-8	0.229	484.481	REAL	Cc1ccc2ccc(NC(=O)C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)ccc2e1
vAce2-spike-63	Z236324916	-8	0.229	487.528	REAL	Cc1ccc(C(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1c2ccc3ccc3)cc1
vAce2-spike-64	Z3095057191	-8	0.296	366.471	REAL	C1nc(C2nnc(N)C[C@H]3CCCN(c4ccc4)C3)n2)n[H]1
vAce2-spike-65	Z332606600	-8	0.235	459.509	REAL	C[C@H](O)C1ccc2ccc2e1)C(=O)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-66	Z338034064	-8	0.242	460.502	REAL	CC(C)C1c1ccc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-67	Z354295622	-8	0.222	493.492	REAL	Cc1ccc2n3CCN(C)nc4(-c5ccc(C(F)F)F)n5)4)CC3)ccc3n2n1
vAce2-spike-68	Z729564886	-8	0.229	487.485	REAL	CC(=O)Nc1ccc2c1CCN2C(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-69	Z758992822	-8	0.222	498.512	REAL	Cc1ccc(C)cc(-c2ccc(NC(=O)C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)n[H]e2)cc1C
vAce2-spike-70	Z827247468	-8	0.25	448.448	REAL	C[C@H](O)C1ccc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-71	Z909365366	-8	0.235	473.501	REAL	C[C@H]1C2ccc2N1CCN(C(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-72	Z941476112	-8	0.229	490.485	REAL	CC(C)C1NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1)ccc2e1)OCO2
vAce2-spike-73	Z942115388	-8	0.25	443.432	REAL	O=C(NC1ccc2ccc2n[H]1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-74	PV-001813574306	-7.9	0.282	395.348	REAL	Cc1n[H]e1c1NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-75	PV-001813819918	-7.9	0.247	451.412	REAL	CNC(=O)c1c1c(n[H]e1)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-76	PV-001836495854	-7.9	0.263	422.414	REAL	Cc1ccc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)n[H]e1C
vAce2-spike-77	PV-001839207957	-7.9	0.247	453.399	REAL	COc1ccc(F)cc(NNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-78	PV-001859311846	-7.9	0.255	457.818	REAL	O=C(NNc1ccc(F)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-79	PV-001876373820	-7.9	0.272	409.375	REAL	Cc1n[H]e1c(CNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)nc1
vAce2-spike-80	PV-001914618042	-7.9	0.263	426.348	REAL	O=C(NC[C@H]1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC2ccc21)C(F)F)F
vAce2-spike-81	PV-001957969271	-7.9	0.239	451.5	REAL	CCOC(=O)c1ccc(-c2ccc(CNC(=O)N)C[C@H]3c4ccc(F)cc4C[C@H]3)cc2)cc1n[H]1
vAce2-spike-82	Z100348012	-7.9	0.293	371.321	REAL	Cc1ccc2c1N=C(O)C2=N)Nc1ccc(C(F)F)F)n2ccc2e1
vAce2-spike-83	Z1127241276	-7.9	0.232	475.405	REAL	O=C(Nc1ccc(-c2ccc2)nc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-84	Z1317683514	-7.9	0.282	395.344	REAL	Cc1ccc(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-85	Z1433642705	-7.9	0.255	416.488	REAL	CN(Cc1nc(-c2ccc2)cn[H]1)C(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-86	Z1492669540	-7.9	0.239	446.517	REAL	Cc1ccc(-c2nnc(C)C)n2)C(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1
vAce2-spike-87	Z1544028682	-7.9	0.255	437.429	REAL	CCc1ccc(C[C@H](C)NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)n[H]1
vAce2-spike-88	Z1631630247	-7.9	0.255	436.397	REAL	COc1ccc(NNC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)nc1
vAce2-spike-89	Z1636458668	-7.9	0.255	420.403	REAL	Cc1ccc(C(=O)N2CC3c3c3n3-c3ccc(F)cc3)C2)nc2n(O)n[H]e(=O)c12
vAce2-spike-90	Z1684209528	-7.9	0.255	435.453	REAL	CC1CCC(c2nnc(C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)n2)CC1
vAce2-spike-91	Z1684721158	-7.9	0.247	447.395	REAL	Cc1ccc(F)cc(-c1ccc(C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)nc1
vAce2-spike-92	Z1731652930	-7.9	0.247	422.487	REAL	O=C(Nc1ccc(-c1ccc(-c2ccc2)cc1)N1CC2c2n[H]e1)cc2c1
vAce2-spike-93	Z1827668256	-7.9	0.247	445.408	REAL	O=C(NC1nc2ccc2n[H]1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-94	Z1842474056	-7.9	0.255	435.413	REAL	C[C@H]1c2mnc2CCN1C(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-95	Z1933265157	-7.9	0.272	428.805	REAL	Cc1n[H]e1c(NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)cc1C
vAce2-spike-96	Z2094456664	-7.9	0.263	423.402	REAL	Cc1nnc(C[C@H](C)NC(=O)C2CCN(c3ccc4nnc(C(F)F)F)n4n3)CC2)n[H]1
vAce2-spike-97	Z1212148704	-7.9	0.232	496.876	REAL	Cc1ccc(Cl)ccc1NC(=O)COC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-98	Z1212315474	-7.9	0.219	498.512	REAL	Cc1nnc(-c2ccc2)cc1)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-99	Z1212337178	-7.9	0.255	436.397	REAL	Cn1ccc1C(=O)N)NC(=O)C1CCN(c2ccc3nnc(C(F)F)F)n3n2)CC1
vAce2-spike-100	Z1215605474	-7.9	0.226	487.441	REAL	Cc1ccc2nc(COC(=O)C3CCN(c4ccc5nnc(C(F)F)F)n5n4)CC3)ccc(O)n2c1

Supplementary Table 11. Virtual hits 101 to 200 of the screen against ACE2 at the Spike interaction site in which the structure with PDB ID 6M18 was used (Screen ID: 2). Compounds were filtered so that hits had MW < 600 dalton, cLogP < 6, number of hydrogen bond acceptors < 11, and no reactive functional groups. The name of each compound consists of the initial letter 'v' for virtual hit, followed by the target protein name and the target site ('spike' for spike interaction site, 2 for docking scenario 2). The score is the docking score given by QuickV

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike2-101	Z215608452	-7.9	0.232	483.45	REAL	NC(=O)[C@@H](C)CCCN1C(=O)COC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-102	Z215609324	-7.9	0.226	494.45	REAL	C[C@H](OC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)C(=O)NCC1ccc(F)cc1
vAce2-spike2-103	Z223759864	-7.9	0.226	490.49	REAL	O=C(NC1ccc(N2COCOC2)nc1)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-104	Z2271388199	-7.9	0.272	397.53	REAL	C[C@H]1[C@@H]1c1ncc2cc(N3CCCN(C(=O)C4CCCC4)CC3)nn12
vAce2-spike2-105	Z243109748	-7.9	0.247	445.40	REAL	CN(C(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)C1c1ncc2cc2n1
vAce2-spike2-106	Z272465156	-7.9	0.247	444.46	REAL	CN(C(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)C1c1ncc2cc2n1
vAce2-spike2-107	Z2802159234	-7.9	0.293	381.46	REAL	Cn1c2ccc2c2ccc(C(=O)N3CCC[C@H](c4nn(N)O4)C3)cc21
vAce2-spike2-108	Z288227882	-7.9	0.226	477.53	REAL	C[C@H]1CC(=O)Nc2ccc2N1C(=O)CN(C)C(=O)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-109	Z2902402979	-7.9	0.226	486.46	REAL	Cc1ccc(NC(=O)C2ncc(C3CCN(c4ccc5nnc(C(F)(F)F)n5n4)CC3)2)cc1
vAce2-spike2-110	Z332645614	-7.9	0.255	423.43	REAL	O=C(NNC(=O)[C@H]1COc2ccc2O1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-111	Z332770094	-7.9	0.255	419.45	REAL	Cc1ncc2ccc2c1C(=O)NCC(=O)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-112	Z335389708	-7.9	0.255	466.37	REAL	O=C(Nc1nnc(C(F)(F)F)s1)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-113	Z343593188	-7.9	0.247	447.42	REAL	NC(=O)c1ccc(CNC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)c1
vAce2-spike2-114	Z354275670	-7.9	0.239	478.50	REAL	Cc1ccc(N2CCN(Cc3nc4sc(C)c(C)c4c(=O)nH)3)CC2)n2nc(C(F)(F)F)n2n1
vAce2-spike2-115	Z364476496	-7.9	0.232	493.56	REAL	C[C@H](CNC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)N1CC2ccc2C1
vAce2-spike2-116	Z417488960	-7.9	0.226	486.45	REAL	Cc1ccc(-c2cc(COC(=O)C3CCN(c4ccc5nnc(C(F)(F)F)n5n4)CC3)2)cc1
vAce2-spike2-117	Z666176542	-7.9	0.247	468.83	REAL	O=C(NNC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)c1ccc(Cl)nc1
vAce2-spike2-118	Z737630648	-7.9	0.232	467.55	REAL	C[C@H]1CN(c2ccc(CNC(=O)C3CCN(c4ccc5nnc4n3)CC3)cc2)F(C)C@H]1(C)C1
vAce2-spike2-119	Z905989898	-7.9	0.226	486.50	REAL	CCn1c[C@H](C)NC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)ccc2c1
vAce2-spike2-120	ZINC00002538970	-7.9	0.247	430.51	ZINC	O=C1CCN(c2ccc3nnc3n2)CC1)N1CC2(c2f1nH)3ccc23)CC1
vAce2-spike2-121	ZINC000033284077	-7.9	0.219	479.54	ZINC	Cc1ccc2c(=O)c(-c3nc(-c4ccc4C)no3)cn(C(=O)Nc3ccc(C)c(C)c3)c2n1
vAce2-spike2-122	PV-001799272195	-7.8	0.252	456.83	REAL	O=C(NC1ccc(Cl)c1)F1C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-123	PV-001803582195	-7.8	0.252	454.43	REAL	O=C(CO1c1ccc2ccc(=O)c2e1)N1CCCN(c2nnc(C(F)(F)F)s2)CC1
vAce2-spike2-124	PV-001808613223	-7.8	0.260	425.41	REAL	C[C@@]1(C)NC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)CCC(=O)N1
vAce2-spike2-125	PV-001809498175	-7.8	0.252	438.50	REAL	CC1(C)CCC[C@H](C)CNC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)C1
vAce2-spike2-126	PV-001809813662	-7.8	0.244	453.47	REAL	NC(=O)[C@H]1CC[C@H](C)CNC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)CC1
vAce2-spike2-127	PV-001818929020	-7.8	0.252	440.47	REAL	CC1(C)CCC[C@H](C)CNC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)O1
vAce2-spike2-128	PV-001849107277	-7.8	0.260	426.44	REAL	O=C(NC[C@H]1CCCC[C@H]1O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-129	PV-001871635270	-7.8	0.260	421.38	REAL	Cc1ccc(=O)nH]c1N2CC[C@H]1(C)NC(=O)c3ccc4nnc(C(F)(F)F)n4n3)CC2)C1
vAce2-spike2-130	PV-001916834661	-7.8	0.269	401.30	REAL	O=C(C1nnc(C(F)(F)F)n1)Nc1ccc2c1C(=O)c1ccc1C2=O
vAce2-spike2-131	PV-001945917134	-7.8	0.269	397.44	REAL	CN(C)C1nnc(-c2ccc(NC(=O)N3CCC[C@H](c4nc(=O)nH)4n3)C3)cc2n1
vAce2-spike2-132	PV-001948672876	-7.8	0.260	419.37	REAL	Cc1ncc(-c2cc(NC(=O)N3CCc4nH]nc1=O)cc43)cc(C(F)(F)F)n2]nH]1
vAce2-spike2-133	PV-001964840766	-7.8	0.260	428.51	REAL	CS(=O)=O)Nc1ccc2c1CCN(C(=O)N)C1C@H]1CC3ccc3CC1=O)C2
vAce2-spike2-134	Z100348054	-7.8	0.279	406.39	REAL	O=S1(=O)CC(C)=N)Nc2cc(C(F)(F)F)n3ccc23)2ccc2c1
vAce2-spike2-135	Z1014272304	-7.8	0.229	473.46	REAL	O=C(NCC(=O)N1C1CC2ccc2c1)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-136	Z1030605578	-7.8	0.252	482.35	REAL	O=C(NC1c1nc(-c2ccc(Br)cc2)nH]1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-137	Z109360480	-7.8	0.223	490.44	REAL	O=C(COC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)NCC(=O)c1ccc1
vAce2-spike2-138	Z1175821707	-7.8	0.269	411.86	REAL	O=C(NC1c1ncc(Cl)cc2]nH]1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-139	Z1209600481	-7.8	0.260	440.82	REAL	O=C(NNc1nccc1C)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-140	Z1230919530	-7.8	0.244	448.45	REAL	Cc1ccc(NCCNC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)cc1
vAce2-spike2-141	Z1276117521	-7.8	0.236	448.49	REAL	COc1ccc(-c2ncc(C[C@H](C)NC(=O)C3CCN(c4ccc5nnc5n4)CC3)2)cc1
vAce2-spike2-142	Z1303409061	-7.8	0.269	391.44	REAL	Cc1ccc2]nH]c1(CNC(=O)C3CCN(c4ccc5nnc5n4)CC3)nc21
vAce2-spike2-143	Z1324790246	-7.8	0.244	448.41	REAL	O=C(Cc1ccc1)NCC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-144	Z132927986	-7.8	0.223	478.43	REAL	Cc1ccc(N2C(=O)C1C=C)Nc3cc(C4nnc(C(F)(F)F)n4n3)3ccc3C2=O)cc1
vAce2-spike2-145	Z1334059596	-7.8	0.269	395.40	REAL	O=C(NC1c1ncc(F)cc2]nH]1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-146	Z1335551796	-7.8	0.252	440.47	REAL	C[C@]1(C)CNC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)CCC[C@H]1O
vAce2-spike2-147	Z13970692	-7.8	0.211	494.51	REAL	O=C(COC(=O)c1c2c(nc3ccc13)/C=C/c1ccc1)CC2)Nc1ccc2]nH]c1=O)nH]c2e1
vAce2-spike2-148	Z1535281063	-7.8	0.260	425.35	REAL	O=C(NNc1ncc(F)n1)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-149	Z1558764253	-7.8	0.269	399.37	REAL	O=C1ccc(Cl)ccc1(C)C2cc(C(F)(F)F)n2)C1
vAce2-spike2-150	Z1608663192	-7.8	0.300	364.44	REAL	C[C@H](OC(=O)Cn1ccc(C[C@H](C)O)nn1)C(=O)N[C@H](C)[C@H]1[C@@H]2CC[C@H]1C2
vAce2-spike2-151	Z1613948795	-7.8	0.252	422.43	REAL	O=C(Nc1nH]nH]c1(Cc2ccc(F)cc2)n1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-152	Z1613948798	-7.8	0.252	421.44	REAL	O=C(Nc1nH]nH]c1(Cc2ccc(F)cc2)n1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-153	Z1636268754	-7.8	0.260	424.36	REAL	O=C(NNc1ccc(F)c1)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-154	Z1890804295	-7.8	0.244	449.37	REAL	Oc1ccc(-c2ncc(C3CCN(c4ccc5nnc(C(F)(F)F)n5n4)CC3)2)cc1(F)c1
vAce2-spike2-155	Z1899413276	-7.8	0.252	418.46	REAL	Cc1ncc(N2nnc(C(=O)N)C3nnc(-c4ccc4)cc4)CC3)2)C2)O1
vAce2-spike2-156	Z1997039396	-7.8	0.252	437.43	REAL	C[C@H]1COCC[C@H]1c1ncc(C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)nn1
vAce2-spike2-157	Z2041539816	-7.8	0.260	402.42	REAL	Cc1ncc2(-c3ncc(C4CCN(c5ccc6nnc6n5)C4)4n3)ccc2]nH]1
vAce2-spike2-158	Z2086862814	-7.8	0.260	424.36	REAL	O=C(NNc1nccc1)F1C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-159	Z212148694	-7.8	0.229	476.46	REAL	Cc1ccc(NC(=O)COC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)cc1C
vAce2-spike2-160	Z212434048	-7.8	0.229	497.86	REAL	COc1cc(Cl)ccc1C(=O)NCC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-161	Z2143329031	-7.8	0.269	400.39	REAL	O=C1COC[C@H](C)[C@H]2CN(c3ccc4nnc(C(F)(F)F)n4n3)3ccc43)N1
vAce2-spike2-162	Z215605824	-7.8	0.223	489.41	REAL	O=C(OC1ccc(=O)ccc2cc(O)ccc12)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-163	Z216675370	-7.8	0.260	440.45	REAL	CC(C)1nnc(NC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)s1
vAce2-spike2-164	Z2193899714	-7.8	0.279	437.26	REAL	CCc1ncc(-c2ccc(Br)cc2)c1-c1ncc(-c2ccc3]nH]nnc3e2)no1
vAce2-spike2-165	Z2193902139	-7.8	0.289	358.36	REAL	CC1ncc(-c2ccc2e1)c1-c1ncc(-c2ccc3]nH]nnc3e2)no1
vAce2-spike2-166	Z246075346	-7.8	0.223	486.50	REAL	CC(C)[C@H](NC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)c1ncc2ccc2]nH]1
vAce2-spike2-167	Z2617836095	-7.8	0.312	336.36	REAL	Cc1ncc2ccc(-c3ncc(-c4n]nH]c4[C@H]4)CCCN4)n3)cc12
vAce2-spike2-168	Z269249736	-7.8	0.223	494.45	REAL	Cc1ccc(F)cc1NC(=O)[C@H](C)OC(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-169	Z2790009816	-7.8	0.339	306.37	REAL	Cc1ccc(N2N=C(c3ccc4cc3)CC4)CCC2=O)nn1
vAce2-spike2-170	Z2861631236	-7.8	0.279	384.43	REAL	FC(F)c1ncc2cc(N3C[C@H]4CCN(Cc5ccc5)C[C@H]4)C3)nn12
vAce2-spike2-171	Z289806774	-7.8	0.223	486.45	REAL	Cc1ccc(-c2ncc(COC(=O)C3CCN(c4ccc5nnc(C(F)(F)F)n5n4)CC3)2)cc1
vAce2-spike2-172	Z290274156	-7.8	0.252	420.43	REAL	Cc1ccc2c(=O)nH]c1(COC(=O)C3CCN(c4ccc5nnc5n4)CC3)nc12
vAce2-spike2-173	Z2923628161	-7.8	0.289	377.37	REAL	FC(F)[C@H]1CCC[C@H]1C[C@H]2cnc(Cc3ccc4ccc4n3)no2)O1
vAce2-spike2-174	Z317205804	-7.8	0.252	418.46	REAL	CN(C)C1ncc2ccc2e(=O)nH]1)C(=O)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-175	Z332660820	-7.8	0.252	427.44	REAL	C[C@H](O)ccc1F(C)C(=O)NCC(=O)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-176	Z332750910	-7.8	0.252	416.44	REAL	O=C(NNC(=O)C1CCN(c2ccc3nnc3n2)CC1)c1ccc2ccc2n1
vAce2-spike2-177	Z381708480	-7.8	0.223	487.45	REAL	COc1ccc1-c1ncc(NC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)]nH]1
vAce2-spike2-178	Z383796282	-7.8	0.229	495.89	REAL	CN(C(=O)Nc1ccc(Cl)c1)C(=O)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-179	Z278957546	-7.8	0.236	447.46	REAL	Cn1ncc(C(=O)NCC(=O)C2CCN(c3ccc4nnc4n3)CC2)2ccc2c1=O
vAce2-spike2-180	Z740502884	-7.8	0.229	476.48	REAL	O=C1C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)N1CC[C@H](C)[C@H]1c1ccc(F)cc1
vAce2-spike2-181	Z773724760	-7.8	0.223	466.51	REAL	O=C(Nc1ccc1-c1ncc(-c2ccc2]nH]1)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-182	Z793013988	-7.8	0.223	498.46	REAL	O=C(OCC(=O)N1CCC2(CC1)OCC2)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-183	Z804765886	-7.8	0.229	483.60	REAL	Cc1ccc(S(=O)(=O)N2CC[C@H](C)OC(=O)N3CCN(c4ccc(C)nc5nnc45)CC3)2)cc1
vAce2-spike2-184	Z814254088	-7.8	0.223	487.95	REAL	O=C(NNC(=O)c1ccc(Cn2nnc(-c3ccc3n2)cc1)N[C@H]1CC2c(Cl)ccc21
vAce2-spike2-185	Z872959800	-7.8	0.229	471.50	REAL	O=C(CNC(=O)c1ccc(-c2ccc2)nc2ccc12)Nc1ccc2c(=O)nH]nH]c1(=O)c12
vAce2-spike2-186	Z899979886	-7.8	0.236	463.42	REAL	O=C(NC1ccc(C(F)(F)F)c1)NCC(=O)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-187	Z941503214	-7.8	0.229	473.50	REAL	CN1CCC2cc(CNC(=O)C3CCN(c4ccc5nnc(C(F)(F)F)n5n4)CC3)ccc21
vAce2-spike2-188	Z961737308	-7.8	0.217	497.43	REAL	O=C(CNC(=O)c1ccc1Nc1ccc(C(F)(F)F)c1)Nc1ccc2c(=O)nH]nH]c1(=O)c12
vAce2-spike2-189	Z966257664	-7.8	0.229	475.47	REAL	Cc1ccc(NC(=O)COC(=O)C2CCN(c3ccc4nnc(C(F)(F)F)n4n3)CC2)cc1
vAce2-spike2-190	Z981218732	-7.8	0.229	476.48	REAL	O=C(NCC1(c2ccc(F)cc2)CC1)C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1
vAce2-spike2-191	Z994401724	-7.8	0.244	454.45	REAL	O=C1C1CCN(c2ccc3nnc(C(F)(F)F)n3n2)CC1)N1CC2(C2OCCO2)CC1
vAce2-spike2-192	Z996743762	-7.8	0.229	459.51	REAL	O=C1c1ccc2ccc2]nH]1)N1CCN(C(=O)C2CCN(c3ccc4nnc4n3)CC2)CC1
vAce2-spike2-193	Z997928598	-7.8	0.252	423.48	REAL	Cc1ccc(OCC(=O)N)NCC(=O)C2CCN(c3ccc4nnc4n3)CC2)cc1
vAce2-spike2-194	ZINC00000393088	-7.8	0.325	329.28	ZINC	FC(F)[C@H]1ncc2ccc2(Nc2ccc3]nH]nnc3e2)nn1
vAce2-spike2-195	ZINC000033284100	-7.8	0.217	483.50	ZINC	Cc1ccc(NC(=O)Cn2ccc(-c3ncc(-c4ccc4C)no3)c1)cc3ccc(C)cc3e1(F)c1
vAce2-spike2-196	PV-000011265908	-7.7	0.285	382.35	REAL	Cc1nH]c1(=O)nH]c1C(=O)N[C@H](C)[C@H]2CC[C@H]1Nc2ccc(C(F)(F)F)nn1
vAce2-spike2-197	PV-000383415738	-7.7	0.285	369.43	REAL	O=C(N[C@]1]2CC[C@H]1CN(C(=O)[C@H]1CCc3]nH]nnc3C)C2)c1nH]nH]1
vAce2-spike2-198	PV-001825398303	-7.7	0.285	372.43	REAL	C[C@H]1CC[C@H](C)C(N)Nc1ncc(C(=O)C1CCN(c2ccc3nnc3n2)CC1
vAce2-spike2-199	PV-001840701220	-7.7	0.296	360.29	REAL	O=C1C[C@H](NC(=O)c2ccc3nnc(C(F)(F)F)n3n2)CC1)cc12ccc21
vAce2-spike2-200	PV-001863137649	-7.7	0.296	356.38	REAL	COc1ccc2c1OCC(C(=O)N1CC[C@H](C)C1)C1CCN

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike3-101	Z343948116	-8.3	0.268	409.44	REAL	O=C(O)c1ccc2[nH]c3c(e2c1)CN(C(=O)c1ccc2(ccc4ccc42)[nH]1)CC3
vAce2-spike3-102	Z412184662	-8.3	0.231	488.59	REAL	Cc1cc(C)nc(-n2nc(C)cc2NC(=O)N2CC3(CCCC3)c3cc4cc3(C)C@H)2C)OCCO4m1
vAce2-spike3-103	Z448914410	-8.3	0.277	396.49	REAL	C[C@H](NC(=O)N)C1Cc2ccc2[C@H](c2ccc2)C1c1nc2ccc2[nH]1
vAce2-spike3-104	Z666678018	-8.3	0.224	488.59	REAL	O=C(Cc1nc2ccc3ccc3cc2c(=O)[nH]1)N1CCN(C(c2ccc2)2)ccc2)CC1
vAce2-spike3-105	Z73312466	-8.3	0.237	493.56	REAL	CC(=O)N1CCc2cc(NC(=O)C)C@H)3Cc4ccc4CN3S(=O)(=O)c3ccc(F)cc3ccc21
vAce2-spike3-106	Z740561090	-8.3	0.259	455.53	REAL	C[C@H]1c2cc3c(cc2C2)CCCC2CN1S(=O)(=O)c1ccc2c(c1)C(=O)OCCO3
vAce2-spike3-107	Z774371686	-8.3	0.259	423.43	REAL	Cc1nc(-c2ccc(NC(=O)c3ccc(N4C(=O)c5ccc5C4=O)c3)c2)[nH]1
vAce2-spike3-108	Z88505027	-8.3	0.268	410.43	REAL	C[C@H](NC(=O)c1ccc(N2C(=O)c3ccc3C2=O)c1)1c1nc2ccc2[nH]1
vAce2-spike3-109	Z993684752	-8.3	0.252	446.51	REAL	C[C@H]1(c2ccc(CNC(=O)C)C@H)3CC(=O)N(c4ccc5c(=O)CC5)C3c2)NC(=O)NC1=O
vAce2-spike3-110	ZINC00000894512	-8.3	0.224	484.55	ZINC	CC(=O)Nc1ccc(-c2ccc(N3C(=O)C@H)4[C@H]3)C(=O)C3c5ccc5C4c4ccc43)cc2)cc1
vAce2-spike3-111	ZINC000001570225	-8.3	0.296	358.44	ZINC	O=C1c2ccc2C(=C(c2ccc2)2)ccc2c2)ccc221
vAce2-spike3-112	ZINC000002291141	-8.3	0.244	452.52	ZINC	Cc1cc2nc(NC(=N)NC(=O)c3ccc3NC(=O)c3ccc3)nc(C)c2cc1C
vAce2-spike3-113	ZINC000013807109	-8.3	0.237	464.50	ZINC	O=C1[C@H]2[C@H]3[C@H]4[C@H]3c3ccc3F)N1c3ccc3)O[C@H]2C1(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-114	ZINC000100081501	-8.3	0.237	454.53	ZINC	O=C1[C@H]2[C@H]3C=C[C@H]3C=C[C@H]3C=C[C@H]3C=C[C@H]2(=O)N1c1ccc2ccc21
vAce2-spike3-115	ZINC000135602460	-8.3	0.237	464.50	ZINC	O=C1[C@H]2ON(c3ccc3)C[C@H](c3ccc3F)C[C@H]2C1(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-116	ZINC000211010329	-8.3	0.296	372.39	ZINC	O=C1N(C)C(NNC2=NC(=O)C=C(c3ccc3)N2)N1C=C1ccc1
vAce2-spike3-117	PV-001843315235	-8.2	0.273	407.55	REAL	CO1ccc(C[C@H]2[C@H]3C(=O)N[C@H](CO)C3ccc(C)cc3)C[C@H]3C[C@H]2C3)c1
vAce2-spike3-118	PV-001921200373	-8.2	0.248	466.41	REAL	O=C(N[C@H]1CN(Cc2nc(-c3ccc(F)c(F)c3)no2)CC[C@H]1c1ccc1)C(F)F
vAce2-spike3-119	PV-001921200483	-8.2	0.248	462.45	REAL	Cc1cc(-c2nc(C)N3CC[C@H](c4ccc4)C)C@H)(NC(=O)C(F)F)F3)cc1F
vAce2-spike3-120	PV-001921200560	-8.2	0.256	445.44	REAL	C[C@H](c1nc(-c2ccc2)no1)N1CC[C@H](c2ccc2)C[C@H](NC(=O)C(F)F)F3)cc1
vAce2-spike3-121	PV-001921200969	-8.2	0.248	476.52	REAL	Cc1ccc2nc(NC(=O)N)C3CC[C@H](c4ccc4)C[C@H](NC(=O)C(F)F)F3)cc21
vAce2-spike3-122	PV-001921200994	-8.2	0.248	480.49	REAL	O=C(N1CC[C@H](c2ccc2)C[C@H](NC(=O)C(F)F)F3)N1c1nc2ccc(F)cc2s1
vAce2-spike3-123	PV-001921201041	-8.2	0.241	476.50	REAL	C[C@H](C(=O)N)C(=O)Nc1ccc1)N1CC[C@H](c2ccc2)C[C@H](NC(=O)C(F)F)F3)cc1
vAce2-spike3-124	PV-001921201117	-8.2	0.248	458.48	REAL	Cc1ccc1-c1no1(C[C@H]3C(=O)N[C@H]3c3ccc3)C[C@H](NC(=O)C(F)F)F3)cc1
vAce2-spike3-125	PV-001921201119	-8.2	0.248	460.46	REAL	CO1ccc(-c2nc(C)N3CC[C@H](c4ccc4)C)C@H)(NC(=O)C(F)F)F3)cc1
vAce2-spike3-126	PV-001921202221	-8.2	0.256	445.44	REAL	Cc1ccc(-c2nc(C)N3CC[C@H](c4ccc4)C)C@H)(NC(=O)C(F)F)F3)cc1
vAce2-spike3-127	PV-001940697547	-8.2	0.248	442.52	REAL	CC(=O)N1Cc2ccc(NC(=O)N)C3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-128	PV-001944065836	-8.2	0.273	399.49	REAL	CC(=O)N1Cc2ccc(NC(=O)N)C3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-129	PV-001944651211	-8.2	0.273	409.42	REAL	C[C@H](NC(=O)N)C1c1nc(-c2ccc2)F)1c1ccc(N2CCN2=O)cc1
vAce2-spike3-130	PV-001944907645	-8.2	0.265	418.50	REAL	Cc1ccc(-c2nc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-131	PV-001944952232	-8.2	0.256	437.47	REAL	Cc1cc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-132	PV-001944952919	-8.2	0.265	422.46	REAL	Cc1ccc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-133	PV-001944976049	-8.2	0.265	438.92	REAL	Cc1ccc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-134	PV-001945052947	-8.2	0.265	419.48	REAL	Cc1ccc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-135	PV-001945053615	-8.2	0.273	404.47	REAL	Cc1ccc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-136	PV-001945885952	-8.2	0.265	435.45	REAL	O=C(N[C@H]1c1ccc2ccc12)C(F)F)N1CC2(C)C1[C@H](O)CN2=O
vAce2-spike3-137	PV-001948063025	-8.2	0.248	455.46	REAL	Cc1cc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-138	PV-001948063170	-8.2	0.256	440.45	REAL	Cc1cc(NC(=O)N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-139	PV-001950613958	-8.2	0.248	444.49	REAL	Cc1ccc(Oc2ccc(NC(=O)N)C3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-140	PV-001951312107	-8.2	0.256	435.48	REAL	C[C@H](NC(=O)N)C1c1ccc2c(=O)N(C)C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-141	PV-001952042441	-8.2	0.283	392.43	REAL	O=C(NC1c1O)ccc2c1CCCC2)N1ccc(-c2ccc2)F)1
vAce2-spike3-142	PV-001964844732	-8.2	0.256	445.48	REAL	CC1(C)C@H)(c2ccc(C(F)F)F)2)CCN1C(=O)N[C@H]1CCc2ccc2NC1=O
vAce2-spike3-143	PV-001964845097	-8.2	0.273	399.49	REAL	O=C(NC1c1ccc(-c2ccc2)cc1)N[C@H]1CCc2ccc2NC1=O
vAce2-spike3-144	Z1021061774	-8.2	0.241	450.54	REAL	C[C@H](NC(=O)c1[nH]nc1)ccc2c1)C(=O)N[C@H]1CC2c3ccc3C1c1ccc12
vAce2-spike3-145	Z1066385418	-8.2	0.228	482.51	REAL	CO1ccc(C[C@H]2C(c3ccc3)=NN2C(=O)Cn2nc(-c3ccc3F)cc2=O)cc1
vAce2-spike3-146	Z1092437218	-8.2	0.256	422.45	REAL	O=C(Nc1nc(-c2ccc2)no1)c1ccc(-c2ccc2)cc1
vAce2-spike3-147	Z1095050614	-8.2	0.256	421.46	REAL	O=C(Nc1nc(-c2ccc3ccc3n2)[nH]1)c1nc(-c2ccc2)cc1CCC2
vAce2-spike3-148	Z1132548632	-8.2	0.273	399.49	REAL	Cc1ccc(-c2ccc(CNC(=O)N)C3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-149	Z1136005230	-8.2	0.241	455.51	REAL	O=C1CCN2ccc(C(=O)OCC(=O)N3C4ccc4)C[C@H](c4ccc4)C3)cc2N1
vAce2-spike3-150	Z1147982922	-8.2	0.248	439.52	REAL	Cc1ccc(-c2mm(C)C(=O)N[C@H](c3ccc3)c3ccc4c3)CCCO4)2)cc1
vAce2-spike3-151	Z1148473113	-8.2	0.234	473.58	REAL	Cc1ccc(-c2cc(C(=O)N3CC[C@H](c4nc5n4CC5)C3)c3cmm(C)C)C3n2)cc(C)O1
vAce2-spike3-152	Z1150337726	-8.2	0.256	432.45	REAL	Cc1ccc(-c2nc(C(=O)O)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-153	Z1150338652	-8.2	0.241	468.46	REAL	Cc1ccc(-c2nc(C(=O)O)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-154	Z1150338722	-8.2	0.234	479.51	REAL	Cc1ccc(-c2nc(C(=O)O)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-155	Z1150338890	-8.2	0.234	476.46	REAL	Cc1ccc(-c2nc(C(=O)O)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-156	Z1150338952	-8.2	0.228	494.48	REAL	Cc1ccc(-c2nc(C(=O)O)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-157	Z1175699434	-8.2	0.256	419.44	REAL	Cc1ccc(-c2nc(C(=O)O)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-158	Z1177534330	-8.2	0.248	439.56	REAL	O=C(CCN(C(=O)N)C1Cc2ccc2C1)N1Cc2ccc2C1)C@H)(c2ccc2)C1
vAce2-spike3-159	Z1212624188	-8.2	0.273	400.40	REAL	CN1C(=O)c2ccc(C(=O)N)3n[nH]4c3c(-c3ccc3)mm4cc2C1=O
vAce2-spike3-160	Z1264171309	-8.2	0.265	411.50	REAL	O=C(C[C@H]1[C@H]2[C@H]1c1ccc2c(c1)OCCO2)N1Cc2ccc2C1)C@H)(c2ccc2)C1
vAce2-spike3-161	Z1272249238	-8.2	0.265	414.47	REAL	C[C@H](NC1nc2c(cnm2-c2ccc2)cc(=O)[nH]1)c1ccc(N2CCOC2=O)cc1
vAce2-spike3-162	Z1272282454	-8.2	0.248	443.46	REAL	O=C1[nH]c(N)C@H)3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-163	Z1303272370	-8.2	0.248	438.49	REAL	Cc1ccc(-c2nc(NC(=O)c3ccc(N4C(=O)CC4=O)c3)cc3)ccc2)cc1
vAce2-spike3-164	Z1324849333	-8.2	0.241	445.48	REAL	O=C(C#Cc1ccc1)NNC(=O)c1ccc(N2C(=O)c3ccc4ccc2c34)cc1
vAce2-spike3-165	Z1355701961	-8.2	0.273	399.49	REAL	CC(=O)N1Cc2ccc(NC(=O)N)C3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-166	Z1382201413	-8.2	0.248	448.57	REAL	O=C(NC1c1cc(=O)[nH]c2ccc12)N1CCN(C(=O)C2)CC4C(C)C4)C3)CC1
vAce2-spike3-167	Z1409360871	-8.2	0.256	442.91	REAL	C[C@H]1c2[nH]c3ccc3cc2C[C@H](c2ccc2)CN1C(=O)c1ccc2mm2c1
vAce2-spike3-168	Z1412310977	-8.2	0.265	422.53	REAL	C[C@H]1c2ccc3cc2C2(CCC2)CN1C(=O)N[C@H]1CCc2nc2n[nH]2c1)OCCO3
vAce2-spike3-169	Z1421207109	-8.2	0.248	438.44	REAL	C[C@H](NC(=O)c1ccc(N2C(=O)c3ccc3C2=O)c1)c1no1(-c2ccc2)cc1
vAce2-spike3-170	Z1423390904	-8.2	0.265	415.47	REAL	Cc1ccc(-c2nc(C(=O)N3CC(c4nc5ccc5[nH]4)C3)c3c2CCC3)c(F)F1
vAce2-spike3-171	Z1437253500	-8.2	0.273	395.46	REAL	Cc1no1(-c2ccc2)cc1)C(=O)N1Cc2ccc2C1)C@H)(c2ccc2)C1
vAce2-spike3-172	Z1451727055	-8.2	0.256	430.51	REAL	Cc1[nH]c2ccc2c1C1CCN(C(=O)c2ccc(C[C@H]3(C)NC(=O)NC3=O)2)CC1
vAce2-spike3-173	Z1452297979	-8.2	0.273	404.47	REAL	C[C@H]1(c2ccc(CNC(=O)N)C1C@H)3[C@H]4Cc5ccc5(C)C@H)34)c2)NC(=O)NC1=O
vAce2-spike3-174	Z1453173921	-8.2	0.265	413.48	REAL	C[C@H]1(c2ccc(C(=O)N)C1C@H)3[C@H]4Cc5ccc5(C)C@H)34)c2)NC(=O)NC1=O
vAce2-spike3-175	Z1460804037	-8.2	0.256	430.44	REAL	C[C@H](NC(=O)c1ccc(-c2ccc3c(c2)CCO3)c1)c1nc(-c2ccc(F)cc2)no1
vAce2-spike3-176	Z1493127209	-8.2	0.273	400.48	REAL	O=C(c1ccc2ccc12)N1CCN(C(=O)C)C@H)2OCC3c3ccc32)CC1
vAce2-spike3-177	Z1506345444	-8.2	0.265	420.51	REAL	O=C(Nc1ccc2c(c1)O)C1(CCCC1)O2)N1CCO(C)C@H)2(Cc3ccc3)C1
vAce2-spike3-178	Z1506531298	-8.2	0.265	415.49	REAL	O=C(Nc1ccc(Cc2ccc2)cc1)O)N1CCO(C)C@H)2(Cc3ccc3)C1
vAce2-spike3-179	Z1523926013	-8.2	0.248	443.46	REAL	O=C(N)Nc1nc(-c2ccc2)nc2)C2C2)1ccc(-c2(F)ccc2)F)1
vAce2-spike3-180	Z153868134	-8.2	0.293	399.55	REAL	CO1ccc(C[C@H]2[C@H]3C(=O)N[C@H](CCO)c3ccc3)C[C@H]3C[C@H]2C3)cc1
vAce2-spike3-181	Z1557996037	-8.2	0.265	419.48	REAL	Cc1nc[nH]c(NC(=O)c2ccc(C[C@H]3CCOC3)c2)c1-c1ccc2c(c1)OCCO2
vAce2-spike3-182	Z1590843453	-8.2	0.248	445.57	REAL	Cc1ccc(NC(=O)c2mm(-c3ccc4c3CCN(C)C4)c2)C[C@H]2[C@H]3C[C@H]2)C3)1
vAce2-spike3-183	Z1602460109	-8.2	0.265	418.48	REAL	Cc1ncm1-c1ccc(C[C@H]3C(=O)N)C(=O)N2ccc(C)nc1ccc(F)c3)cc1
vAce2-spike3-184	Z1608175908	-8.2	0.248	440.50	REAL	CC(=O)c1ccc(C(=O)N2C[C@H](C)N(C(=O)c3ccc(C)C(=O)c3)ccc3)cc1
vAce2-spike3-185	Z1618349191	-8.2	0.265	416.52	REAL	Cc1ccc2[nH]c3c(c2c1)C[C@H](NC(=O)N)C1ccc(N2CCCC2=O)c1)CC3
vAce2-spike3-186	Z1632201994	-8.2	0.265	415.54	REAL	Cc1ccc(-c2ccc(CNC(=O)N)3CC[C@H](c4[nH]c1)C5CC5)4)C3)cc2)1
vAce2-spike3-187	Z1651046671	-8.2	0.283	382.46	REAL	O=C1Cc2ccc(C)C(=O)N3Cc4ccc4[C@H](c4ccc4)C3)cc2N1
vAce2-spike3-188	Z1682559164	-8.2	0.256	425.41	REAL	Cc1ccc(-c2no1(Cc3no1-c4c[nH]n5c4nc(=O)c4ccc45)3)nc2)cc1
vAce2-spike3-189	Z1682561676	-8.2	0.265	420.44	REAL	Cc1ccc(-c2no1(Cc3no1(C4c5ccc(F)C5)CCOCC4)3)nc2)cc1
vAce2-spike3-190	Z1684080397	-8.2	0.273	403.49	REAL	CC(C)ccc(-c2nc(C3nc(N)4ccc4c3)no2)cc(O)c(C)C1c1
vAce2-spike3-191	Z1695803522	-8.2	0.265	407.44	REAL	O=C(N)Nc1nc2ccc2c1)1c1nc(-c2ccc2)cc1
vAce2-spike3-192	Z1705104924	-8.2	0.256	437.41	REAL	Cc1nc[nH]c(NC(=O)c2cc(-c3ccc(F)cc3)F)2)c1-c1ccc2c(c1)OCCO2
vAce2-spike3-193	Z1709226393	-8.2	0.273	399.49	REAL	CC(=O)N1CCc2c(NC(=O)N)C3C(=O)N[C@H]3C(=O)N1c1ccc(-c2ccc2)cc1
vAce2-spike3-194	Z1719583462	-8.2	0.273	398.50	REAL	O=C(N)C1ccc(-c2ccc2)cc1)N1CC[C@H]2(C)C1OCC1ccc12
vAce2-spike3-195	Z1829491286	-8.2	0.256	432.52	REAL	Cc1ccc(C)cc2C[C@H](NC(=O)N)3CC[C@H](c4(C)C3)C(=O)Nc3ccc34)C2=O)cc(C)1
vAce2-spike3-196	Z1850533538	-8.2	0.256	429.52	REAL	Cc1ccc(-c2nc3c2CCN(C(=O)N)C(=O)N2CC4ccc4)C3)cc1
vAce2-spike3-197	Z1903278885	-8.2	0.248	440.50	REAL	Cn1cc(=O)ccc2ccc(NC(=O)N)3CCN(C(=O)N)4ccc4ccc45)CC3)cc21

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike-101	PV-001965892100	-9.2	0.341	378.39	REAL	CC(C)(NC(=O)N[C@H]1CC2ccc(O)cc21)c1ccc(C(F)(F)F)c1
vAce2-spike-102	Z1069340454	-9.2	0.279	442.48	REAL	O=C(Nc1cenn1[C@H]1CCCC2ccc21)c1cnc2c1c1c(O)N[C@H](=O)N2C1CC1
vAce2-spike-103	Z1127362355	-9.2	0.329	378.34	REAL	C[C@H]1(c2ccc(NC(=O)c3ccc4c(c3)C(=O)NC4=O)c2)N[C@H](=O)NC1=O
vAce2-spike-104	Z1245911612	-9.2	0.287	429.45	REAL	O=C1c1ccc2ccc21)N1CCN(C(=O)c2ccc(O)N[C@H]3ccc(F)ccc23)CC1
vAce2-spike-105	Z1314145283	-9.2	0.279	449.51	REAL	O=C1Nc2ccc2[C@@]1[C@H]1CCN(C(=O)[C@H]2CCNCC2C(=O)c2ccc(O)N[C@H]2)CC1
vAce2-spike-106	Z1334452954	-9.2	0.307	401.47	REAL	C[C@H]1(C2CCN(c3nc-c4ccc4)nc4ccc34)CC2)NC(=O)NC1=O
vAce2-spike-107	Z1348480988	-9.2	0.307	410.48	REAL	O=C(Nc1ccc(C[C@H]2[C@@]1[C@H]3CC[C@H]2)N[C@H]1)[C@H]1CCCCN1(C(=O)c1ccc(O)N)H1
vAce2-spike-108	Z1550501417	-9.2	0.297	417.45	REAL	C1nc(C(=O)N2CC[C@H]2)c2nc-c3ccc3n)H2)nm1-lccc(F)c1
vAce2-spike-109	Z1559358547	-9.2	0.287	447.56	REAL	CS(=O)=O)Nc1ccc(N2CCN(C(=O)c3ccc4c(c3)-c3ccc34)CC2)c1
vAce2-spike-110	Z1612154384	-9.2	0.307	400.44	REAL	O=C(Nc1ccc-c2ccc2)on1)N1CC[C@H]1c1nc-c2ccc2n)H1
vAce2-spike-111	Z1613078336	-9.2	0.307	410.48	REAL	Cc1ccc(C)cc-c2nc(NC(=O)N3CCC4(CC3)NC(=O)N(C)C4=O)CC2c1
vAce2-spike-112	Z1684581929	-9.2	0.279	444.45	REAL	Cc1ccc(N2N=C(c3nc-c4ccc4)[C@H]5(C)NC(=O)NC5=O)c4)no3)CC2=O)c1
vAce2-spike-113	Z1684605062	-9.2	0.287	426.48	REAL	O=C1[C@H]1(c2nc(C3nc-c4ccc4)n)H3)no2)CN1c1ccc2c1)CC2
vAce2-spike-114	Z1693558636	-9.2	0.279	448.57	REAL	O=C(N[C@H]1CCO[C@H]1(c2ccc2)C1)N1CCN([C@H]2CCN(c3ccc3)C2=O)CC1
vAce2-spike-115	Z1693559789	-9.2	0.279	447.54	REAL	O=C(N[C@H]1CCO[C@H]1(c2ccc2)C1)N1CCN(Cc2nc3ccc3c(C)O)H2)CC1
vAce2-spike-116	Z1730119799	-9.2	0.297	417.40	REAL	O=C1ccc-c2nc(O-c3ccc(F)cc3)nc2)en1)N1CC2n)H1(c=O)cc2C1
vAce2-spike-117	Z1731749860	-9.2	0.287	432.46	REAL	Cc1ccc-c2nc3ccc(F)ccc3n2)ccc1NC(=O)N1CC2n)H1(c=O)cc2C1
vAce2-spike-118	Z1743879838	-9.2	0.317	403.36	REAL	O=C(N[C@H]1CCN(c2ccc2)C(F)(F)F)C1c1ccc2c(O)N[C@H]2c1
vAce2-spike-119	Z17749227	-9.2	0.279	441.42	REAL	C[C@H]1(C(=O)Nc1ccc2c1)C1(C=O)c1ccc1C2=O)N1nnc-c2ccc(F)c2n1
vAce2-spike-120	Z1846556951	-9.2	0.307	402.37	REAL	O=C(CO)ccc2ccc(O)c2)1)N1nnc-c2ccc3ccc3)H1
vAce2-spike-121	Z1846569519	-9.2	0.297	417.42	REAL	O=C(O)c1ccc(N2CC(C)C2=O)c1)Nc1nnc-c2ccc3ccc3)H1
vAce2-spike-122	Z189676640	-9.2	0.329	389.51	REAL	COCCN(C(=O)NC[C@H]1CCN(c2ccc(F)cc2)C1)[C@H]1[C@H]2CC[C@H]1C2
vAce2-spike-123	Z1918849374	-9.2	0.279	448.52	REAL	COc1ccc(Cc(=O)N2CC3ccc(NC(=O)N4CC[C@H]5(C)NC(=O)C5)C4)cc32)c1
vAce2-spike-124	Z1953218972	-9.2	0.279	446.51	REAL	O=C([C@H]1CCCCN1C(=O)c1ccc(O)N)H1)N1CCN(c2ccc3ccc3)CC1
vAce2-spike-125	Z2008042887	-9.2	0.279	441.49	REAL	C1nc-c2nm(C)c(O)c3ccc23)hnc1)N1CC[C@H]1(c2nc3ccc3)C1
vAce2-spike-126	Z2011462392	-9.2	0.297	444.49	REAL	O=C1n)H1(c=O)c2cc(Si(=O)N3CCC(N4C5ccc(F)ccc54)CC3)cc21)H1
vAce2-spike-127	Z2077302320	-9.2	0.307	420.41	REAL	O=C1CC2c2c(C(=O)N3CC[C@H]1(c4ccc(C(F)(F)F)4)C3)Fcc2N1
vAce2-spike-128	Z2091788341	-9.2	0.279	443.51	REAL	Cc1ccc2nc-c3ccc3)cc(C(=O)N3CC[C@H]3)C[C@H]3(C)NC(=O)NC3=O)c2c1
vAce2-spike-129	Z2091800037	-9.2	0.279	446.51	REAL	Cc1nnc(C)2nc-c3ccc3)cc(C(=O)N3CC[C@H]3)C[C@H]3(C)NC(=O)NC3=O)c12
vAce2-spike-130	Z2142733947	-9.2	0.317	385.43	REAL	Cc1ccc-c2nnc(C(=O)Nc3ccc-c4n)H4)cc3)C2c1
vAce2-spike-131	Z2160281118	-9.2	0.297	415.42	REAL	O=C1ccc-c2nnc3CCN(c4ccc5mm5n4)CC3)nc2)ccc22)H1
vAce2-spike-132	Z2228335002	-9.2	0.317	407.39	REAL	C[C@H]1CO[C@H]1(c2ccc(C(F)(F)F)2)C1(C=O)C=C1ccc(O)c1
vAce2-spike-133	Z225721626	-9.2	0.279	446.46	REAL	Cc1ccc(C)c(N2(C(=O)c3ccc(C(=O)N4CC(C)4)NC(=O)NC5=O)cc32)O)c1
vAce2-spike-134	Z230829654	-9.2	0.354	366.34	REAL	O=C(Nc1ccc(O)N)H1)N1(C1c2ccc(C(F)(F)F)2)CC1
vAce2-spike-135	Z2484316466	-9.2	0.317	398.46	REAL	CC(C)(C)C1nc-c2ccc(C(=O)NN(C(=O)[C@H]3[C@@]1[C@H]4CC(C)@H]3O4)c2)no1
vAce2-spike-136	Z2625123242	-9.2	0.317	389.50	REAL	O=C1NCC2c2c(NC(=O)N3CC[C@H]4(C)CC5c5ccc54)C3)ccc21
vAce2-spike-137	Z2634736442	-9.2	0.329	392.48	REAL	Cc1ccc2n)H1(c[C@H]1[C@H]3CCN(C(=O)c4ccc5oc(S)mm54)C3)nc21
vAce2-spike-138	Z2802528018	-9.2	0.317	386.45	REAL	C1nc(C(=O)N2CC[C@H]1(c3n)H4ccc34)C2)cc(O)c2ccc21
vAce2-spike-139	Z282725144	-9.2	0.297	414.47	REAL	CN(C(=O)Nc1ccc(NC(=O)c2ccc-c3ccc3)nc3c2c(C)mm3)C1
vAce2-spike-140	Z316833126	-9.2	0.256	482.54	REAL	O=C(CN1C(=O)N[C@H]1[C@H]2CC3ccc32)C1=O)N1CCN(C(=O)c2ccc3ccc3)CC1
vAce2-spike-141	Z770167530	-9.2	0.317	387.48	REAL	O=C1CC2c2c(C(=O)N3CC[C@H]1(c4ccc5ccc5)H4)3)ccc2N1
vAce2-spike-142	Z786229024	-9.2	0.297	417.40	REAL	NC(=O)c1ccc(NC(=O)c2ccc(NC(=O)c3ccc4n)H4)cc3)cc21
vAce2-spike-143	Z803605870	-9.2	0.271	476.60	REAL	Cc1c(C(=O)N2CCN(Cc3nc4ccc5c(c4=O)H)H3)CCCC5)CC2)c2)C)ccc12
vAce2-spike-144	Z804390806	-9.2	0.249	495.63	REAL	O=C([C@H]1CC(=O)Nc2ccc3c2)C2ccc2-3)C1)N1CC[C@H]1(c2nc3n2CCCC3)C1
vAce2-spike-145	Z812597010	-9.2	0.263	490.63	REAL	Cc1ccc(C)c2c(C)c(C(=O)N3CCN(Cc4nc5ccc5c(c4=O)H)H4)CCCC6)CC3)nc12
vAce2-spike-146	Z853698182	-9.2	0.287	433.47	REAL	C1nc(O)H1(c=O)c2ccc(C(=O)N3CC[C@H]1(c4ccc5ccc54)CC3)cc21
vAce2-spike-147	Z908882368	-9.2	0.297	419.48	REAL	C1nc(O)H1(c=O)c2ccc(C(=O)N3CC[C@H]1(c4ccc5ccc54)CC3)cc21
vAce2-spike-148	Z920795562	-9.2	0.297	412.49	REAL	CC(=O)N1C[C@H]1(C(=O)N2CC=C1c3ccc4ccc34)CC2(O)c2ccc21
vAce2-spike-149	Z998973034	-9.2	0.279	446.47	REAL	Cc1oncc1C(=O)Nc1ccc(NC(=O)C2CCN(c3ccc4mm4n3)CC2)c1
vAce2-spike-150	ZINC00002272003	-9.2	0.263	491.53	ZINC	CC(=O)Nc1ccc(S(=O)(=O)Nc2nc3ccc3nc2)ccc3c2)CCO3)c1
vAce2-spike-151	ZINC00002275183	-9.2	0.271	477.50	ZINC	CC(=O)Nc1ccc(S(=O)(=O)Nc2nc3ccc3nc2)ccc3c2)CCO3)c1
vAce2-spike-152	ZINC00002326512	-9.2	0.287	462.56	ZINC	Cc1ccc(Nc2nc3ccc3nc2)NS(=O)(=O)c2ccc3nnc3)cc1
vAce2-spike-153	ZINC00002639248	-9.2	0.249	498.49	ZINC	Cc1ccc(O)cc2c(O)c3ccc(C(=O)OCC(=O)N4CC(C(=O)Nc5ccc54)cc3)ccc12
vAce2-spike-154	ZINC00002861543	-9.2	0.263	464.48	ZINC	Cc1ccc(NC(=O)c2ccc-c3ccc4ccc4)cc3)O)cc1NC(=O)Nc1ccc1
vAce2-spike-155	ZINC00002956095	-9.2	0.287	473.86	ZINC	O=C1oc2ccc3ccc3c2)cc1)nc1)Nc2ccc(C(F)(F)F)ccc2)C1
vAce2-spike-156	ZINC00003137151	-9.2	0.287	447.52	ZINC	CC(=O)Nc1ccc(S(=O)(=O)Nc2nc3ccc3nc2)ccc3c2)CCO3)c1
vAce2-spike-157	ZINC00003271774	-9.2	0.287	478.88	ZINC	O=S(=O)(Nc1nc2ccc2nc1)Nc1ccc(C(F)(F)F)c1)ccc1)CC1
vAce2-spike-158	ZINC00003283259	-9.2	0.279	486.91	ZINC	O=S(=O)(Nc1nc2ccc2nc1)Nc1ccc(F)c1)ccc1)cc1)CCO2
vAce2-spike-159	ZINC00003289817	-9.2	0.287	458.46	ZINC	Cc1ccc(S(=O)(=O)Nc2nc3ccc3nc2)ccc2(C(F)(F)F)cc2)cc1
vAce2-spike-160	ZINC00003328289	-9.2	0.297	484.91	ZINC	O=S(=O)(Nc1nc2ccc2nc1)Nc1ccc(C(F)(F)F)c1)ccc1)C1
vAce2-spike-161	ZINC00004911112	-9.2	0.317	387.53	ZINC	Cc1ccc(Nc2cc(C(=O)N)C[C@H]3CC[C@H]3)C3ccc3n2)cc1)C1
vAce2-spike-162	ZINC00006074254	-9.2	0.279	459.91	ZINC	CC(=O)N1cc([C@H]2O3ccc(C)cc3)[C@H]2[C@H]3CC(C)4ccc(F)cc4)C2=O)ccc21
vAce2-spike-163	ZINC00009066553	-9.2	0.287	433.38	ZINC	O=C1OC(c2ccc3ccc32)N=C1-C1c1ccc-c2ccc(C(F)(F)F)cc12
vAce2-spike-164	ZINC00009121115	-9.2	0.249	489.51	ZINC	O=C(c1ccc(F)cc1)[C@H]1[C@H]2(C(=O)Nc3ccc4ccc43)C(=O)[C@H]2(C)C3ccc3C=NN12
vAce2-spike-165	ZINC00009274534	-9.2	0.263	481.58	ZINC	Cc1ccc(C)c2nc3n3(nc4cc(C(=O)N5CC6ccc6C5)ccc4-c3=O)2)c1
vAce2-spike-166	ZINC00009865194	-9.2	0.263	467.48	ZINC	C[C@H]1(c2ccc3ccc3)NC(=O)N1CC(=O)c2ccc(NC(=O)c3ccc3)cc2)C1=O
vAce2-spike-167	ZINC000113163846	-9.2	0.249	498.53	ZINC	O=C(Nc1ccc2c1)OC2)C1CCN(C(=O)c2ccc3c2)C1C[C@H]2(c2ccc2)OC3=O)CC1
vAce2-spike-168	ZINC00011370522	-9.2	0.271	451.46	ZINC	O=C(Nc1ccc-c2nc3ccc3c2)cc1)ccc1NC(=O)c2ccc2)CC1
vAce2-spike-169	ZINC000113564757	-9.2	0.279	459.57	ZINC	O=C(N1CCN(Cc2nc3c(c1=O)H)H2)CCC3)CC1)N1c2ccc2c2ccc21
vAce2-spike-170	ZINC000113653657	-9.2	0.297	415.45	ZINC	Cc1ccc2c(O)c2)cc(C(=O)Nc3nnc3-c3ccc4c(c3)CCCC4)oc2)C1
vAce2-spike-171	ZINC000114728806	-9.2	0.297	433.51	ZINC	O=C(Cc1ccc-c2ccc(F)cc2)N1)Nc1nc2ccc2nc1)N1CCCC1
vAce2-spike-172	ZINC000116525737	-9.2	0.279	453.48	ZINC	O=C(Nc1nc2ccc(NC(=O)c3ccc4ccc4)cc2)cc1)ccc1ccc2ccc21
vAce2-spike-173	ZINC000117988176	-9.2	0.230	521.57	ZINC	O=C(O)c1ccc2ccc2c1)ccc2(N2(C)O)C[C@H]3[C@@]1(C)C2=O)C2ccc4ccc43)cc32)c1
vAce2-spike-174	ZINC00011663879	-9.2	0.271	478.62	ZINC	O=C([C@H]1CCCN(c2m3nc4c(c3=O)CCCC4)s2)C1)N1CCN(Cc2ccc2)CC1
vAce2-spike-175	ZINC000121867469	-9.2	0.256	486.48	ZINC	O=C(c1ccc2c(O)mc3c(-c4ccc(F)cc4)mm3)2c1)N1CCN(c2ccc(F)cc2)CC1
vAce2-spike-176	ZINC000127794956	-9.2	0.297	435.87	ZINC	Cc1ccc2c(C(=O)Nc3nnc3-c3ccc4c(c3)CCCC4)cc(O)c2)cc1
vAce2-spike-177	ZINC00013254412	-9.2	0.263	493.99	ZINC	Cc1nc-c2ccc(C(=O)N3CC[C@H]1(c4ccc5ccc5)C1)c5)C4)CC3)cc2)no1
vAce2-spike-178	ZINC00013266725	-9.2	0.287	429.50	ZINC	Cc1ccc(NC(=O)C2CCN(c3nnc4nc(-c5ccc(F)cc5)cc4)CC2)c1
vAce2-spike-179	ZINC00013324788	-9.2	0.279	439.52	ZINC	Cc1ccc(-c2nc3n(n2)c(O)c2)nc3)CC(=O)N3)CC4ccc43)CC2)cc1
vAce2-spike-180	ZINC000134837496	-9.2	0.256	485.52	ZINC	O=C(Nc1ccc2c(c1)OC2)c1)Nnc1N2CCN(c3ccc3F)CC2)ccc21
vAce2-spike-181	ZINC000137246226	-9.2	0.263	465.59	ZINC	O=C1c2ccc2C(=O)c2cc3cc21)N[C@H]1CC1[C@H]2[C@@]1[C@H]4CC(C)C[C@H]3[C@H]1[C@H]24
vAce2-spike-182	ZINC00014155218	-9.2	0.279	440.48	ZINC	Cc1ncc2nc-c3ccc3F)cc(C(=O)N3)CC4c5ccc5)H4)4)C[C@H]3)cc12
vAce2-spike-183	ZINC000147892326	-9.2	0.271	472.53	ZINC	O=C(CN1C(=O)N[C@H]2(C)CC3ccc32)C1=O)Nc1nnc2c(-c3ccc3)nc2s1
vAce2-spike-184	ZINC000148985193	-9.2	0.279	437.51	ZINC	Cc1nnc(-c2ccc(Nc3ccc(NC(=O)c4n)H4)ccc45)cc3)mm2)c1)C1C
vAce2-spike-185	ZINC000149967677	-9.2	0.256	484.47	ZINC	Cc1ccc(O)cc2c(NC(=O)c3ccc(C(=O)Nc4ccc5c(C)cc(O)c54)mm3)cc2)cc12
vAce2-spike-186	ZINC000167261402	-9.2	0.307	421.84	ZINC	Fc1ccc-c2m3n3c2nc(NC2ccc(F)cc2)C1)ccc2ccc23)cc1
vAce2-spike-187	ZINC000167261404	-9.2	0.287	437.40	ZINC	Fc1ccc-c2m3n3c2nc(NC2ccc(C(F)(F)F)cc2)ccc23)cc1
vAce2-spike-188	ZINC000167262664	-9.2	0.317	390.42	ZINC	NC(=O)C1CCN(c2nc3c(-c4ccc(F)cc4)mm3)ccc3)CC1
vAce2-spike-189	ZINC000172312266	-9.2	0.307	401.47	ZINC	C[C@H]1(C2CCN(c3nc-c4ccc4)nc4ccc34)CC2)NC(=O)NC1=O
vAce2-spike-190	ZINC000196344127	-9.2	0.279	447.49	ZINC	O=C([C@H]1CC(=O)N(c2n)H3)ccc32)C1)N1CCN(Cc2ccc3c2)OC3)CC1
vAce2-spike-191	ZINC000169684223	-9.2	0.249	487.51	ZINC	Cc1ccc([C@H]2OC3(C(=O)c4ccc4C3=O)[C@H]3(C)N)4ccc5ccc54)C(=O)[C@H]23)c1
vAce2-spike-192	ZINC000225481762	-9.2	0.271	491.60	ZINC	CC1c2ccc2c2ccc(NS(=O)(=O)c3nnc(NC(=O)c4ccc(C)4)s3)cc21
vAce2-spike-193	ZINC000225801637	-9.2	0.271	498.63	ZINC	Cc1ccc1C(=O)Nc1nnc(S(=O)(=O)N)C[C@H]2CC3(C)CC3)O)c3ccc32)s1
vAce2-spike-194	ZINC000239439294	-9.2	0.249	487.51	ZINC	Cc1ccc(N2(C)O)C[C@H]3[C@@]1(C)C2=O)C2ccc4ccc43)OC3)CC1
vAce2-spike-195	ZINC000247710661	-9.2	0.249	486.53	ZINC	O=C(Nc1ccc1)C[C@H]2(C)N(c3ccc4ccc43)C(=O)[C@H]2(C)C3ccc3C=NN21
vAce2-spike-196	ZINC000253399265	-9.2	0.249	496.45	ZINC	O=C(O)c1ccc1-c1ccc([C@H]2CC(C(=O)O)c3ccc4c(O)c(-c5ccc(F)cc5)cc43)cc1
vAce2-spike-197	ZINC000257197297	-9.2	0.307	396.49	ZINC	O=C1ccc2ccc2c1)N1CC2(C)CC1)NCc1ccc3n)H1)2
vAce2-spike-198	ZINC000257566226	-9.2	0.307	402.58	ZINC	O=C1C[C@H]1(C[C@H]2(C)O)C[C@H]3[C@@]1(C)C2=O)C2ccc4ccc43)OC3)CC1
vAce2-spike-199	ZINC000408679806	-9.2	0.242	498.58	ZINC	Cc1ccc(C)cc(NC(=O)c2ccc(N3(C(=O)[C@H]4(C)C@H]3(C)O)C3=O)C3=O)C4ccc43)cc2)C1
vAce2-spike-200	ZINC000408733453	-9.2	0.249	485.54	ZINC	Cc1ccc2c(c1)OC(=O)[C@H]1C2=C[C@H]1(c2ccc2)C[C@H]2(C)N(c3ccc4ccc43)C(=O)[C@H]2

Name	Catalog ID	Score	LE	MW	Library	SMILES
vAce2-spike-5-1	ZINC00001588361	-10.2	0.3	440.509	ZINC	Nc1nc(-c2cc(-c3ccc4ccc43)nc(N)2)cc(-c2ccc3ccc32)n1
vAce2-spike-5-2	ZINC00002086234	-10.2	0.283	472.499	ZINC	Cc1ccc(-c1nc2ccc(-c3ccc4nc(-e5ccc5c3)oc(=O)4)c3)cc2(=O)1
vAce2-spike-5-3	ZINC000013661067	-10.2	0.309	434.494	ZINC	Cc1ccc([C@H]2[C@H]3C(=O)N(4cccc5ccc54)C(=O)[C@H]3ON2e2ccc2)cc1
vAce2-spike-5-4	ZINC000033433929	-10.2	0.283	476.554	ZINC	Cc1ccc(C2=N/C(=C)3c3n(C)4ccc34)C(=O)N2CC2c2[nH]c3cc(F)ccc23)cc1
vAce2-spike-5-5	ZINC000100961974	-10.2	0.309	434.494	ZINC	Cc1ccc([C@H]2[C@H]3C(=O)N(4cccc5ccc54)C(=O)[C@H]3ON2e2ccc2)cc1
vAce2-spike-5-6	PV-001872272336	-10.1	0.316	437.542	REAL	Cc1ccc(Cc(C(=O)N2CCC[C@H](C(=O)N3CCN(c4nc(C)cc(=O)nH)4)C3)C2)c1
vAce2-spike-5-7	Z1420416669	-10.1	0.326	433.487	REAL	O=c1[nH]c(=O)c2cc(S(=O)(=O)N3CCC4ccc(-e5ccc5)ccc43)cc2[nH]1
vAce2-spike-5-8	Z2072789500	-10.1	0.337	394.473	REAL	Cn1C(C(=O)N2CCc3ccc(-c4ccc4)ccc32)ccc2cc1=O
vAce2-spike-5-9	ZINC000021867174	-10.1	0.273	492.581	ZINC	Cc1ccc(-c2nm3c2nc(O)2ccc(C(=O)N4CCN(c5ccc(C)ccc5)CC4)cc23)cc1
vAce2-spike-5-10	ZINC000039742926	-10.1	0.306	434.454	ZINC	O=C(Nc1ccc(-e2ccc2)ol)lccc(NC(=O)c2ccc3ccc32)cc1
vAce2-spike-5-11	Z1334275055	-10	0.333	404.429	REAL	O=C(Nc1ccc2[nH]c(C3CCCC3)nc2c1)c1ccc2[nH]c(=O)nH]c(=O)c2c1
vAce2-spike-5-12	Z1557588975	-10	0.345	385.47	REAL	Cc1[nH]c2ccc2c1C1=CCN(C(=O)Nc2ccc(C)3c[nH]c3e2)CC1
vAce2-spike-5-13	Z1744195451	-10	0.313	419.483	REAL	O=C(c1ccc(-c2ccc2)nc2ccc12)N1CC[C@H]2(C1)C(=O)Nc1ccc12
vAce2-spike-5-14	Z1887042759	-10	0.333	411.426	REAL	O=C([C@H]1)CC2c[nH]nc(C(F)F)F2c21)N1C[C@H](C(=O)c2ccc2)cc2ccc21
vAce2-spike-5-15	ZINC00002933672	-10	0.278	513.335	ZINC	O=c1oc(-c2ccc2C)nc2ccc(-c3ccc4nc(-e5ccc5c1)oc(=O)c4c3)cc21
vAce2-spike-5-16	ZINC00003671068	-10	0.286	459.5	ZINC	O=C(O)C([H]1)C2c3ccc3C(c3ccc32)C[C@H]1(C(=O)Nc1ccc2(c1)oc1ccc12
vAce2-spike-5-17	ZINC00006610219	-10	0.323	401.468	ZINC	O=c1[nH]c(-c2nc(Cc3ccc4ccc43)ccc32)ccc2cc1
vAce2-spike-5-18	ZINC00009062176	-10	0.303	450.521	ZINC	O=C(Nc1ccc(-c2ccc2)sl)lccc(NC(=O)c2ccc3ccc32)cc1
vAce2-spike-5-19	PV-001801324572	-9.9	0.319	422.542	REAL	Cc1ccc(Cc(C(=O)N2CCC[C@H](C(=O)N3[C@H](C)C4ccc(F)ccc4[C@H]3)C2)c1
vAce2-spike-5-20	PV-001876884527	-9.9	0.309	436.554	REAL	Cc1ccc(Cc(C(=O)N2CCC[C@H](C(=O)N)C[C@H]3CC[C@H]4(4nccc(O)n4)CC3)C2)c1
vAce2-spike-5-21	Z1276023341	-9.9	0.33	402.399	REAL	O=C(c1ccc(-c2ccc2)nc2ccc(F)cc1)N1CC2ccc(-c3ccc(F)cc3)ccc21
vAce2-spike-5-22	Z1419338114	-9.9	0.33	416.5	REAL	O=c1ccc2cc(S(=O)(=O)N3CCC4ccc(-e5ccc5)ccc43)ccc2[nH]1
vAce2-spike-5-23	Z1420928818	-9.9	0.33	396.489	REAL	CC(=O)N1CC2ccc(C(=O)N3CCC4ccc(-e5ccc5)ccc43)ccc21
vAce2-spike-5-24	Z1626784209	-9.9	0.309	424.507	REAL	O=C(C1CCN(c2ccc3mmn3n2)CC1)N1CC=C(c2ccc3ccc32)C1
vAce2-spike-5-25	Z2008630355	-9.9	0.309	426.526	REAL	Cn1c(-c2ccc(-n3mm3)ccc2)nm1N1CC[C@H]2(C1)CCc3ccc32C1
vAce2-spike-5-26	Z773068506	-9.9	0.3	454.613	REAL	Cc1ccc(NC(=O)N2CCC[C@H](C(=O)N3CCC(C(=O)N4CC[C@H](C)C4)C3)C2)c1
vAce2-spike-5-27	Z773166186	-9.9	0.3	454.613	REAL	Cc1ccc(NC(=O)N2CCC[C@H](C(=O)N3CCC(C(=O)N4CC[C@H](C)C4)C3)C2)c1
vAce2-spike-5-28	Z773166186	-9.9	0.3	454.613	REAL	Cc1ccc(NC(=O)N2CCC[C@H](C(=O)N3CCC(C(=O)N4CC[C@H](C)C4)C3)C2)c1
vAce2-spike-5-29	Z998654188	-9.9	0.291	465.596	REAL	Cc1ccc(NC(=O)N2CCC[C@H](C(=O)N3CCC(C(=O)N4CC[C@H](C)C4)C3)C2)c1
vAce2-spike-5-30	ZINC00001588362	-9.9	0.291	440.509	ZINC	Nc1nc(-c2ccc3ccc32)cc(-e2cc(-c3ccc4ccc43)nc(N)2)n1
vAce2-spike-5-31	ZINC00001588368	-9.9	0.291	446.517	ZINC	Cc1[nH]c2ccc2c1-c1ccc(-c3c(C)nH]c4ccc43)nc(N)2)nc(N)n1
vAce2-spike-5-32	ZINC00004728718	-9.9	0.319	399.448	ZINC	O=C1c2ccc2C(=O)Nc1ccc2(c1)l3ccc3c2e2ccc21
vAce2-spike-5-33	ZINC00008771513	-9.9	0.283	458.563	ZINC	Cc1ccc(C2=N/C(=C)3c3n(C)4ccc34)C(=O)N2CC2c2[nH]c3ccc23)cc1
vAce2-spike-5-34	ZINC00013629718	-9.9	0.3	441.413	ZINC	O=C1OC(c2ccc2)F=N/C=C1/C=C(c2ccc3e(c2)OCCO3)Oc2ccc21
vAce2-spike-5-35	Z126023341	-9.9	0.33	402.399	REAL	Cc1ccc(-c2ccc(F)cc2)cc([C@H]2CCCN(C(=O)c3[nH]c(=O)c4ccc43)C2)n1
vAce2-spike-5-36	Z1069479288	-9.8	0.316	418.491	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)c4ccc5c4CCC5)CC3)cc2N1=O
vAce2-spike-5-37	Z106947908	-9.8	0.306	432.479	REAL	Cc1ccc(C(=O)N2CCC(C(=O)c3ccc4e(c3)NC(=O)[C@H](C)O4)C2)c2[nH]cc2c1
vAce2-spike-5-38	Z1245954502	-9.8	0.306	429.41	REAL	O=C(Nc1ccc(Cn2ccc3ccc3c2=O)c1)ccc(=O)nH]2cc(F)ccc12
vAce2-spike-5-39	Z1248573568	-9.8	0.338	379.422	REAL	Cc1nnc(-c2ccc(-c3nc4ccc(-e5ccc5)ccc4=O)nH]3)2)cc1
vAce2-spike-5-40	Z1276025054	-9.8	0.363	357.387	REAL	O=C(c1ccc2[nH]nc12)N1CC2ccc(-c3ccc(F)cc3)ccc21
vAce2-spike-5-41	Z1348016768	-9.8	0.316	411.504	REAL	C[C@H]1(C(=O)Nc2ccc(C(=O)N3CC=C(c4ccc5ccc54)CC3)ccc2N1C
vAce2-spike-5-42	Z1443313670	-9.8	0.35	368.439	REAL	Cc1ccc(C(=O)N2CC3ccc(-c4ccc4)ccc32)cc(C)nH]3)2n1
vAce2-spike-5-43	Z1546665942	-9.8	0.316	424.471	REAL	Cc1ccc(C(=O)N2CCC(C(=O)c3ccc4e(c3)NC(=O)[C@H](C)O4)CC2)cc(C)c1F
vAce2-spike-5-44	Z1720528731	-9.8	0.327	401.436	REAL	O=C(c1ccc(F)cc1)c1ccc(C(=O)N1CC[C@H]2(C1)OC1ccc12
vAce2-spike-5-45	Z1724785157	-9.8	0.306	428.455	REAL	O=c1cc2c(nH]1)CCN(c1nc(N3CC4nH]4)C(=O)c4c33ccc3n3)C2
vAce2-spike-5-46	Z1739733200	-9.8	0.306	420.431	REAL	Cn1c(=O)nH]2ccc(-c3ccc(-c4nc(-e5ccc6ccc6)nc4)3)cc21
vAce2-spike-5-47	Z1744514456	-9.8	0.306	420.471	REAL	O=C(c1ccc(-c2ccc2)nc2ccc12)N1CC[C@H]2(C1)C(=O)Nc1ccc12
vAce2-spike-5-48	Z1784008149	-9.8	0.363	358.375	REAL	O=C(c1ccc2nm[nH]12)N1CC2ccc(-c3ccc(F)cc3)ccc21
vAce2-spike-5-49	Z1941081203	-9.8	0.338	390.481	REAL	Cc1ccc2e(c1)C[C@H]1CN(C)CC[C@H]1N2C(=O)C[C@H]1(C)C2ccc2C(=O)O1
vAce2-spike-5-50	Z2160288780	-9.8	0.316	409.448	REAL	Cc1ccc2e(c1)C[C@H]1CN(C)CC[C@H]1N2C(=O)C[C@H]1(C)C2ccc2C(=O)O1
vAce2-spike-5-51	Z226359370	-9.8	0.338	390.481	REAL	Cc1ccc2e(c1)C[C@H]1CN(C)CC[C@H]1N2C(=O)C[C@H]1(C)C2ccc2C(=O)O1
vAce2-spike-5-52	Z263069322	-9.8	0.265	497.593	REAL	Cc1ccc2e(c1)C[C@H]1CN(C)CC[C@H]1N2C(=O)C[C@H]1(C)C2ccc2C(=O)O1
vAce2-spike-5-53	Z822271430	-9.8	0.306	422.487	REAL	O=C(c1ccc2e(c1)lccc1c2)N1CCN(C(=O)c2ccc3[nH]c3c2)CC1
vAce2-spike-5-54	Z999014250	-9.8	0.297	449.513	REAL	COc1ccc(N2CCN(C(=O)[C@H]3CCCN(C(=O)c4ccc5[nH]ccc54)CC3)CC2)n1
vAce2-spike-5-55	ZINC000006653912	-9.8	0.306	485.434	ZINC	Cc1ccc(C[C@H]2Nc3ccc(S(=O)(=O)Nc4cc(C)ccc4)C)cc3[C@H]3=C=CC[C@H]32)c1
vAce2-spike-5-56	ZINC00002755716	-9.8	0.297	456.51	ZINC	C[C@H]1CC[C@H]2[C@H]3C(=O)N(C)N2C(=O)c2ccc3nc(-c4ccc4)cc(C(F)F)n3)2)C1
vAce2-spike-5-57	ZINC00002859412	-9.8	0.272	472.499	ZINC	Cc1ccc(-c2nc3ccc3o2)cc1NC(=O)c1ccc(-c2cc3ccc3o2=O)c1
vAce2-spike-5-58	ZINC0000285873	-9.8	0.251	515.52	ZINC	COc1ccc(-c2cc3ccc3o2=O)cc1NC(=O)c1ccc(-c2cc3ccc3o2=O)c1
vAce2-spike-5-59	ZINC00002935991	-9.8	0.272	480.425	ZINC	O=c1oc(-c2ccc(F)cc2)nc2ccc(-c3ccc4nc(-e5ccc5)ccc43)cc21
vAce2-spike-60	ZINC00004530352	-9.8	0.338	375.426	ZINC	O=C1C[C@H]2(C[C@H]3c3ccc5ccc54)3)1)C1ccc3c2e2ccc21
vAce2-spike-61	ZINC00005955032	-9.8	0.272	495.929	ZINC	O=C(Nc1ccc2e(c1)oc1ccc12)C1c2ccc2-c2ccc21
vAce2-spike-62	ZINC00008912515	-9.8	0.306	430.55	ZINC	O=C1N2=C(NN3(C(=O)C(=C)4ccc(C)cc4)=NN(C)C@H]3N2N12c1ccc1-c1ccc12
vAce2-spike-63	ZINC000013477069	-9.8	0.265	484.554	ZINC	Cc1ccc(Cc(N2CCN(C(=O)c3ccc4e(c3)nc3n4=O)CCCC3)CC2)c1
vAce2-spike-64	ZINC000019878192	-9.8	0.288	454.387	ZINC	CC(=O)Nc1ccc(-c2ccc(N3C(=O)[C@H]4[C@H](C3=O)C35ccc5C44ccc43)cc2)cc1
vAce2-spike-65	ZINC000020634876	-9.8	0.316	409.492	ZINC	O=c1ccc3cc4e(c3ccc2e(=O)n1-c1ccc(F)c1)cc(=O)n1ccc(F)c1)4=O
vAce2-spike-66	ZINC00004379601	-9.8	0.306	444.597	ZINC	Cc1ccc(C[C@H]2CC(=O)c3c(C)nc(Nc4nc(C)ccc5n4n3)C2)c1
vAce2-spike-67	ZINC00004605854	-9.8	0.297	441.573	ZINC	Cc1ccc(C[C@H]2Nc3ccc(S(=O)(=O)Nc4cc(C)ccc4)C)cc3[C@H]3=C=CC[C@H]32)c1
vAce2-spike-68	ZINC000065074788	-9.8	0.288	488.601	ZINC	Cc1nnc(-c2ccc(C)cc2)c2c1[C@H](C(=O)c1ccc1)ccc3ccc32)cc1
vAce2-spike-69	ZINC000072340493	-9.8	0.306	445.419	ZINC	O=S(=O)c1ccc2e(c1)CCCC2N1CCC2(C1)NCCN=C2N1ccc(F)cc(F)c1
vAce2-spike-70	ZINC000072353608	-9.8	0.306	431.495	ZINC	Cc1ccc2e(c1)C[C@H]3CCCN(C(=O)c4ccc5ccc54)3)cc(C(F)F)n2n1
vAce2-spike-71	ZINC000103904800	-9.8	0.327	392.457	ZINC	Cc1ccc2e(c1)C[C@H]3CCCN(C(=O)c4ccc5ccc54)3)cc(C(F)F)n2n1
vAce2-spike-72	ZINC000198754475	-9.8	0.272	464.475	ZINC	Cc1ccc2e(c1)C[C@H]3CCCN(C(=O)c4ccc5ccc54)3)cc(C(F)F)n2n1
vAce2-spike-73	ZINC000229966438	-9.8	0.28	470.567	ZINC	O=C1c2ccc2C(=O)C2=C3C=C4C=C5=C(C(=O)c6ccc6c5)O)C5=C=C1C=C2[C@H]3[C@H]45
vAce2-spike-74	ZINC000245380417	-9.8	0.28	470.567	ZINC	Cc1ccc(N2C(=O)C[C@H]3C(=O)N(C)C[C@H]4(C)N(C)C5ccc5C44ccc43)cc2)cc1
vAce2-spike-75	ZINC000257286381	-9.8	0.306	424.503	ZINC	Cc1ccc(-c2ccc2)cc([C@H]2CCCN(C(=O)c3[nH]c(=O)c4ccc43)C2)n1
vAce2-spike-76	ZINC000409160388	-9.8	0.338	383.49	ZINC	COc1ccc([C@H]2Nc3ccc(-c4ccc4)cc3)C[C@H]3=C=CC[C@H]32)c1
vAce2-spike-77	ZINC000409332220	-9.8	0.272	471.515	ZINC	N#C/C(=C)1c1cc(C(=O)Nc2ccc3e(c2)OCCO3)2ccc12)c1ccc2ccc21
vAce2-spike-78	PV-001802204803	-9.7	0.359	359.472	REAL	Cc1ccc(Cc(-n2nc(NC(=O)c3ccc(C)4c3CCC4)cc2C)1
vAce2-spike-79	PV-001808974499	-9.7	0.334	395.343	REAL	O=C(Nc1ccc(-c2nm[nH]2)ccc1F)lccc(-c2(F)ccc2F)cc1
vAce2-spike-80	PV-001822608693	-9.7	0.359	358.44	REAL	Cc1ccc(-c2ccc(C(=O)N)C[C@H]3CCc4[nH]c(=O)nH]4)3)cc2c1
vAce2-spike-81	PV-001847827967	-9.7	0.359	358.44	REAL	Cc1ccc2e(c1)C(=O)Nc3ccc(-c4[nH]c(=O)nH]4)3)cc2c1
vAce2-spike-82	PV-001850120660	-9.7	0.334	391.401	REAL	Cc1ccc(C(=O)Nc2ccc(C3CC(=O)N(C)C(=O)C3)2)ccc(F)cc2n1
vAce2-spike-83	PV-001852209655	-9.7	0.334	394.449	REAL	CNC(=O)Nc1ccc(C(=O)N2CCC(c3[nH]c4ccc(F)cc34)CC2)c1
vAce2-spike-84	PV-001868158927	-9.7	0.346	375.442	REAL	O=C(N[C@H]1)c2ccc2CC[C@H]1F)lccc1ccc(C2ccc2)ccc1O
vAce2-spike-85	PV-001869165148	-9.7	0.346	372.387	REAL	Cc1nnc(-c2ccc2)nc1C(=O)Nn1ccc(O)nc2ccc21
vAce2-spike-86	PV-001952047195	-9.7	0.323	416.377	REAL	O=C(Nc1ccc(-c2ccc2F)nm1)N1CC2e(ccc2C(F)F)F)C1
vAce2-spike-87	Z1224578717	-9.7	0.346	376.498	REAL	Cc1ccc2e(c1)C[C@H]1CN(C)CC[C@H]1N2C(=O)C[C@H]1(C)C2ccc21
vAce2-spike-88	Z1239173478	-9.7	0.303	429.41	REAL	O=C(Nc1ccc(Cn2ccc3ccc3c2=O)c1)ccc(=O)nH]2ccc(F)cc12
vAce2-spike-89	Z1313836952	-9.7	0.313	412.448	REAL	Cc1ccc(C(=O)N2CC=C(c3ccc4ccc34)CC2)nc2m(O)nH]c(=O)c12
vAce2-spike-90	Z1439725110	-9.7	0.303	430.55	REAL	Cc1ccc(Cc(N2CCN(C(=O)c3ccc4e(=O)n5c(=n4c3)CCCC5)CC2)c1
vAce2-spike-91	Z1449831502	-9.7	0.313	411.508	REAL	O=C1Nc2ccc2[C@H]1C1CCN(c2nc(-c3ccc3)me2)CC3)C1
vAce2-spike-92	Z1466305736	-9.7	0.303	433.457	REAL	O=C(c1ccc(C(=O)N2CCc3ccc(F)cc32)c1)N1CC2ccc(F)cc21
vAce2-spike-93	Z1472869473	-9.7	0.303	422.487	REAL	O=C(Nc1ccc(C(=O)N)C[C@H]2(C[C@H]3C=C4ccc4)C[C@H]3)2)c1
vAce2-spike-94	Z1494941980	-9.7	0.303	429.518	REAL	COc1ccc(C(=O)N2CCC[C@H](C(=O)N3CCc4ccc43)C2)ccc212
vAce2-spike-95	Z1529176911	-9.7	0.323	396.489	REAL	CN1C(=O)CC2ccc(C(=O)N3CCC4ccc(-e5ccc5)ccc43)ccc21
vAce2-spike-96	Z1656881171	-9.7	0.323	399.453	REAL	O=C(Nc1ccc(-n2ccc3ccc32)cc1)N[C@H]1CCc2c[nH]c(=O)ccc21
vAce2-spike-97	Z1684735758	-9.7	0.323	397.412	REAL	Fc1ccc(-n2nc(-c3nc(-e4ccc5ccc54)nc3)3)cc2C3)cc1
vAce2-spike-98	Z1684738963	-9.7	0.323	397.412	REAL	Fc1ccc(-n1nc(-c2nc(-c3ccc4ccc43)nc2)2e1)CC2
vAce2-spike-99	Z1688216974	-9.7	0.313	417.507	REAL	C[C@H]1CCCN(C1c1ccc2e(c1)CCCN2C(=O)c1ccc2e(c1)C(=O)N)C2=O
vAce2-spike-100	Z169619690	-9.7	0.313	414.479	REAL	O=C(Nc1ccc2e(c1)C1ccc1-

Name	Catalog ID	Score	LE	MW	Library	SMILES
vPhos-as2-101	Z1010365500	-12.4	0.344	488.54	REAL	O=C(COC(=O)[C@H]1[C@@H]2CCCC[C@H]2N1C(=O)C1ccc2ccc2c1)N1Ncnc(C2CC2)O1
vPhos-as2-102	Z10154402018	-12.4	0.413	397.48	REAL	O=C(NCCN1C(=O)C2ccc2c1)N1C2ccc2c1c2ccc2c1
vPhos-as2-103	Z1030514170	-12.4	0.344	479.58	REAL	O=C(NC1nc(-c2ccc2m[nH]1)[C@H]1[C@@H]2CCCC[C@H]2N1C(=O)C1ccc2ccc2c1
vPhos-as2-104	Z1033218530	-12.4	0.365	455.47	REAL	O=C(Cn1nc2c(oc3ccc2c1)=O)N1CCCC[C@H]1c[nH](-c2ccc2)mo1
vPhos-as2-105	Z103993068	-12.4	0.365	468.54	REAL	O=S(=O)(c1ccc(-c2nnc(-c3ccc4ccc4n3)o2)c1)N1CCc2ccc2c1
vPhos-as2-106	Z1069484644	-12.4	0.387	428.49	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)C4ccc5ccc5c4)CC3)cc2N1C=O
vPhos-as2-107	Z1069527436	-12.4	0.376	445.56	REAL	Cc1ccc(C(=O)N2CCC(NC(=O)[C@H]3CC(=O)N(c4ccc5c(c4)CC5)C3)CC2)cc1
vPhos-as2-108	Z1072590256	-12.4	0.376	448.52	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)C4ccc5c(c4)O)CCCC5)CC3)cc2N1C=O
vPhos-as2-109	Z1080964630	-12.4	0.354	483.91	REAL	O=C(Nc1ccc2nc3n(c(=O)c2)1)CCC3c1ccc1c1(-c2ccc2)mo1
vPhos-as2-110	Z1082329362	-12.4	0.387	423.43	REAL	O=C(Nc1ccc2ccc2c(=O)[nH]1)c1nnc(Cc2ccc2c1)O)c2ccc2c1
vPhos-as2-111	Z1095049948	-12.4	0.387	426.48	REAL	Cc1ccc(N2C[C@H](C(=O)N3nc(-c4ccc5ccc5n4)n[nH]3)CC2=O)c1C
vPhos-as2-112	Z1099281343	-12.4	0.413	403.44	REAL	O=C(NNC(=O)N1CCCC[C@H]1c1ccc2c(c1)OC(=O)c1ccc2ccc2c1
vPhos-as2-113	Z1167665994	-12.4	0.376	436.45	REAL	O=C(Nc1ccc(-c2ccc3ccc(c2)m1)c1nm(-c2ccc(F)cc2)ccc1=O
vPhos-as2-114	Z1168208061	-12.4	0.400	415.50	REAL	CCc1cc(=O)[nH]1c(-c2ccc(N3CCC(C(=O)H)4C(=O)Nc5ccc54)CC3)nc2m1
vPhos-as2-115	Z132917118	-12.4	0.376	434.42	REAL	O=C1(C(=O)Nc2ccc3nc3nnc2)3ccc2ccc2C(=O)N1c1ccc1
vPhos-as2-116	Z1370788961	-12.4	0.376	446.55	REAL	O=C([C@H]1[C@@H]2CCCC[C@H]2N1C(=O)C1ccc2ccc2c1)N1CCN2C(=O)NC1C@H]2C1
vPhos-as2-117	Z1383818019	-12.4	0.354	463.45	REAL	O=C(Cc1nnc(-c2ccc3ccc3o2)O)N1ccc2c(c1)C(=O)C1ccc1C2=O
vPhos-as2-118	Z1456519582	-12.4	0.428	386.50	REAL	O=C([C@H]1[C@@H]1c1ccc2ccc2c1)N1CCn2c(nnc2)C2CCC2C1
vPhos-as2-119	Z1470503096	-12.4	0.376	437.50	REAL	Cc1ccc(N2C(=O)C(=O)N3ccc(C(=O)H)4CNC(=O)C4)c3ccc3cc2=O)cc1
vPhos-as2-120	Z1497614501	-12.4	0.413	407.52	REAL	O=C1c2ccc2c2(=O)N1[C@H]1CCCC[C@H]1NC2nnc3n2CCC2C1
vPhos-as2-121	Z1576646261	-12.4	0.428	406.50	REAL	CC(C)C(=O)C(=O)N1[C@H]2CC[C@H]1CC(C(=O)N)C1C@H]CO)c1ccc(F)cc1C2
vPhos-as2-122	Z1616913493	-12.4	0.376	436.51	REAL	Cc1ccc(C(=O)Nc2ccc2c2(=O)N2CC3c3(nen3-c3ccc3)C2)1
vPhos-as2-123	Z1641119041	-12.4	0.387	432.48	REAL	O=C(NN1Cc2ccc2C1=O)[C@H]1CCCC[C@H]1C(=O)NN1Cc2ccc2C1=O
vPhos-as2-124	Z1646997646	-12.4	0.376	442.52	REAL	Cn1c(COC(=O)[C@H]2CC(=O)N(c3ccc4c(c3)Cc3ccc3-4)C2)nm1C1CCC1
vPhos-as2-125	Z1682391507	-12.4	0.387	425.45	REAL	Cc1ccc(-c2ccc(-c3nc(-c4ccc(F)C(=O)5C)NC(=O)NC5=O)cc4)no3)cc1
vPhos-as2-126	Z1682391523	-12.4	0.387	445.50	REAL	Cc1ccc(Cc2nc(-c3nc(-c4ccc(F)C(=O)5C)NC(=O)NC5=O)cc4)no3)cc1
vPhos-as2-127	Z1682393317	-12.4	0.387	438.49	REAL	C[C@H]1(c2ccc(-c3nnc(F)C(=O)H)4CCN(C(=O)N)5CCCC5)C4)nc2)N1C(=O)NC1=O
vPhos-as2-128	Z1688449394	-12.4	0.387	423.43	REAL	Cc1ccc(-c2nc(-c3ccc3c3(=O)N)N3C(=O)C4ccc4C3=O)cc1
vPhos-as2-129	Z18301479	-12.4	0.344	486.44	REAL	O=C(COC(=O)c1ccc2c1C(=O)c1ccc1C2=O)N1C(=O)Nc1ccc2c1)O)CCO2
vPhos-as2-130	Z1891988670	-12.4	0.428	389.45	REAL	O=C1CCc2ccc(N3C(=O)N)C@H]1C@H]4CCc5ccc54)C3=O)cc2N1
vPhos-as2-131	Z1907685565	-12.4	0.387	446.42	REAL	O=C(NC[C@H]1O)[C@H]2[C@@H]3[C@H]4C(=O)N)C@H]3C(=O)C@H]2[C@@H]5[C@H]4)C1nnc(-c2ccc2F)c1C(F)F
vPhos-as2-132	Z1984803456	-12.4	0.376	438.47	REAL	O=C(Oc1nnc2ccc2n1)[C@H]1CC(=O)N(c2ccc3c(c2)Cc2ccc2-3)C1
vPhos-as2-133	Z200379354	-12.4	0.387	430.51	REAL	O=C(Nc1ccc2nc(N3CCOC3)cc2c1)N1[C@H]2C(=O)C(c3ccc3)C1C@H]1CC2
vPhos-as2-134	Z2086931231	-12.4	0.413	403.41	REAL	O=C1CCc2cc(F)cc2N1C(=O)N)C@H]1C@H]4Cccc5ccc54)C3=O)cc2N1
vPhos-as2-135	Z2091512148	-12.4	0.400	412.44	REAL	Cc1ccc2c(c1)C)N(C(=O)C1ccc(N3C(=O)C4ccc4C3=O)cc1)CCO2
vPhos-as2-136	Z2154232659	-12.4	0.387	424.46	REAL	Cc1ccc(N2C(=O)C(=O)Nc3ccc3c3COC4=O)c3ccc3C2=O)cc1C
vPhos-as2-137	Z2155691650	-12.4	0.443	380.45	REAL	C[C@H]1(c2ccc(-c3nnc(C4C[C@H]5CCCC[C@H]5)C4)C5)nc2)N1C(=O)NC1=O
vPhos-as2-138	Z2155693725	-12.4	0.413	399.41	REAL	Cc1ccc2ccc(-c3nc(-c4ccc(F)C(=O)5C)NC(=O)NC5=O)cc4)no3)cc1
vPhos-as2-139	Z2159748972	-12.4	0.387	426.44	REAL	O=C1[C@H]2C(=O)C1C@H]2C(=O)N1Nc1ccc(-c2nc(-c3ccc4c(F)H4m3)no2)c1
vPhos-as2-140	Z2169738309	-12.4	0.376	438.49	REAL	O=C(Nc1n[nH]c2ccc2c1)C1[C@H]2[C@@H]3C=C[C@H]1[C@H]4C(=O)N)C5ccc5c5(=O)C1C@H]34)C(=O)H]2
vPhos-as2-141	Z2171878939	-12.4	0.376	437.50	REAL	Cc1ccc(-c2nnc(N3C(=O)N)C@H]4C(=O)N)C@H]5C(=O)N)C6ccc6c6(C(=O)C@H]45)C1C@H]23)nc1
vPhos-as2-142	Z2640091421	-12.4	0.428	383.41	REAL	O=C1[C@H]2[C@@H]3[C@H]4[C@H]2[C@@H]2(C(=O)Nc5nc(-c6ccc7ccc7n6)n[nH]5)C(=O)H]1[C@H]3)C(=O)H]42
vPhos-as2-143	Z2785110607	-12.4	0.459	365.43	REAL	CCCCc1ccc1C(=O)NC1C(=O)[C@H]2[C@@H]3C(=O)[C@H]4[C@H]5C(=O)C1C@H]4)C(=O)H]23)C(=O)H]53
vPhos-as2-144	Z2869537515	-12.4	0.443	376.42	REAL	O=C(Nc1ccc2ccc2n1)N1CCCC[C@H]1c1ccc2c1)O)CCO2
vPhos-as2-145	Z2902700571	-12.4	0.344	481.52	REAL	Cc1ccc(Cn(-c2ccc(-c3nnc(-c4ccc(NN5C(=O)C@H]6CC=C[C@H]6C5=O)4)n3)cn2)m1
vPhos-as2-146	Z2902742937	-12.4	0.376	479.48	REAL	CS(=O)(=O)c1ccc(-c2nnc(C3CCN(C(=O)C4ccc(C(F)F)C4)CC3)nc2)cc1
vPhos-as2-147	Z2903521762	-12.4	0.400	442.86	REAL	Cc1c(-c2nnc(C3CCN(c4ncc5ccc(Cl)cc45)CC3)nc2)=O)[nH]1c1=O
vPhos-as2-148	Z325118426	-12.4	0.428	395.50	REAL	Cc1ccc(C23C[C@H]4C[C@H]1C(=O)OCCN5C(=O)CC5=O)C4)C2)C3)cc1
vPhos-as2-149	Z336594384	-12.4	0.354	465.51	REAL	O=C(NNC(=O)[C@H]1COc2ccc2O1)[C@H]1CC(=O)N(c2ccc3c(c2)CCC3)C1
vPhos-as2-150	Z365097060	-12.4	0.365	455.49	REAL	Cc1ccc(N2C(=O)C(=O)Nc3ccc4(c(c3)F)CCC(=O)N4)c3ccc3C2=O)cc1C
vPhos-as2-151	Z448673858	-12.4	0.354	465.51	REAL	O=C(NC[C@H]1CC2c3ccc3c1c1ccc12)N)N(C(=O)c1n[nH]1c(=O)c2ccc12
vPhos-as2-152	Z735258948	-12.4	0.365	452.51	REAL	Cc1ccc(N2C(=O)C(=O)Nc3ccc(N4CCN4=O)c3)ccc3C2=O)cc1C
vPhos-as2-153	Z735279662	-12.4	0.365	453.54	REAL	Cc1ccc(N2C(=O)C(=O)N)C@H]3CCN(c4nccn4)C3)ccc3C2=O)cc1C
vPhos-as2-154	Z804128848	-12.4	0.365	470.55	REAL	Cc1ccc2nnc(NC(=O)[C@H]3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)cc2c1C
vPhos-as2-155	Z805712366	-12.4	0.344	481.51	REAL	COc1ccc(-c2nnc(COC(=O)[C@H]3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)no2)cc1
vPhos-as2-156	Z805712484	-12.4	0.365	451.48	REAL	O=C(Oc1nnc(-c2ccc2o1)[C@H]1CC(=O)N(c2ccc3c(c2)Cc2ccc2-3)C1
vPhos-as2-157	Z805712572	-12.4	0.354	465.51	REAL	Cc1ccc2c(F)cc2(COC(=O)[C@H]3CC(=O)N(c4ccc5c(c4)Cc4ccc4-5)C3)nc2c1
vPhos-as2-158	Z826853494	-12.4	0.365	471.58	REAL	O=C(c1ccc2[nH]nc2c1)N1CCN(C(=O)C@H]2CC=C[C@H]2)nc2ccc3cc2CC1
vPhos-as2-159	Z924351782	-12.4	0.400	433.49	REAL	O=c1[nH]1c(=O)c2cc(F)cc2(S(=O)(=O)N3CC=C(c4ccc5ccc54)CC3)ccc2[nH]1
vPhos-as2-160	ZINC000005209194	-12.4	0.459	351.36	ZINC	Cc1nnc2ccc3c2C[C@H]1(c2ccc(F)cc2)CC3=O)c1ccc1
vPhos-as2-161	ZINC000009225450	-12.4	0.443	368.44	ZINC	O=C1NC2(CCCC2)C(=O)N1N(C=C1)C(=O)N(c2ccc(F)F)cc2)C(=O)c2ccc2c1
vPhos-as2-162	ZINC000033014745	-12.4	0.344	498.46	ZINC	CC1=C[C@H]2[C@@H]1[C@H]1C(=O)N(c3ccc(N4C(=O)[C@H]5[C@H]6C=C(C)C@H]6)C(=O)H]5C4=O)c3)C(=O)[C@H]21
vPhos-as2-163	ZINC000102664280	-12.4	0.413	408.41	ZINC	C[C@H]1CC(O)=C2C(=O)Nc3ccc4c(c3)N=C(C@H]2ccc(F)cc(F)cc2)C1
vPhos-as2-164	PV-001795673861	-12.3	0.424	409.88	REAL	Cc1ccc(C(=O)N2CCC[C@H]2)C(=O)Nc2nnc(-c3ccc3c3)N[nH]2c1
vPhos-as2-165	PV-001820538056	-12.3	0.397	419.52	REAL	CC(C)C1c1ccc(C(=O)N)CC(=O)[C@H]2CC(=O)N(c3ccc4c(c3)CC4)C2)cc1
vPhos-as2-166	PV-001828571076	-12.3	0.384	435.50	REAL	Cc1ccc(N2C[C@H](C(=O)Nc3nnc(-c4ccc(C)C)C)cc4)N[nH]3)CC2=O)cc1F
vPhos-as2-167	PV-001869139157	-12.3	0.410	408.54	REAL	Cc1ccc(Cc(=O)c2cc(NC(=O)[C@H]3CC(=O)N(c4CCC(C)C4)C3)n[nH]2)cc1
vPhos-as2-168	PV-001884142835	-12.3	0.424	409.88	REAL	Cc1ccc(C(=O)N2CCC[C@H]2)C(=O)Nc2nc(-c3ccc(C1cc3)N)H]2c1
vPhos-as2-169	PV-001907370542	-12.3	0.424	393.44	REAL	Cc1ccc(C(=O)N)CC(=O)[C@H]2CC(=O)N(c3ccc4c(c3)CC4)C2)cc1O
vPhos-as2-170	PV-001948778849	-12.3	0.456	360.46	REAL	Cc1ccc(C[C@H]2)C(CCCN2C(=O)Nc2ccc3ccc3nm2)1
vPhos-as2-171	PV-001948779114	-12.3	0.439	382.41	REAL	C[C@H]1(Cc2ccc(F)cc2)CCN1C(=O)Nc1ccc2ccc2n1
vPhos-as2-172	Z1014394788	-12.3	0.373	443.55	REAL	O=C(Nc1nnc2n1CCC2)[C@H]1[C@@H]2CCCC[C@H]2N1C(=O)C1ccc2ccc2c1
vPhos-as2-173	Z1069479596	-12.3	0.373	446.50	REAL	Cc1c(C(=O)N2CCC(C(=O)C3ccc4c(c3)NC(=O)[C@H]1C)O4)CC2)cc2c1
vPhos-as2-174	Z1069482914	-12.3	0.373	443.50	REAL	Cc1nnc2ccc2c1C(=O)N1CCCC(C(=O)C2ccc3c(c2)NC(=O)[C@H]1O)3)CC1
vPhos-as2-175	Z1069483960	-12.3	0.384	432.52	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)C4ccc5c(c4)CC5)C3)cc2N1C=O
vPhos-as2-176	Z1128817091	-12.3	0.373	464.95	REAL	CC(=O)N1Cc2ccc2C[C@H]1C(=O)N1CCCC[C@H]1c2nc(-c3ccc(C1cc3)mo2)C1
vPhos-as2-177	Z1190798510	-12.3	0.373	449.60	REAL	C[C@H]1(C)N(C(=O)[C@H]1CCCC[C@H]1)C(=O)N1c2ccc2C[C@H]1c1nnc2n1CCCC2
vPhos-as2-178	Z1265320245	-12.3	0.373	440.50	REAL	Cc1ccc1C[C@H]1CN(C(=O)C2ccc(N3C(=O)C4ccc4C3=O)cc2)C[C@H]1C
vPhos-as2-179	Z1267442074	-12.3	0.384	428.46	REAL	C[C@H]1[C@@H]1[C@H]1(c2ccc(F)cc2)N(C(=O)C2ccc(N3C(=O)C4ccc4C3=O)cc2)C1
vPhos-as2-180	Z1268242982	-12.3	0.373	448.47	REAL	O=C1O[C@H](C(=O)N2CCC(NC(=O)C@H]3C4ccc4C4(=O)O3)CC2)Cc2ccc2c1
vPhos-as2-181	Z1280733585	-12.3	0.397	432.95	REAL	O=C1Nc2ccc(C)ccc2C1=C1CCN(C(=O)C@H]2[C@@H]3C(=O)N(c2ccc3c(c2)CCC3)CC1
vPhos-as2-182	Z1373972850	-12.3	0.410	402.54	REAL	C[C@H]1(C(=O)N1CCCC[C@H]1)C@H]2C(=O)Nc3nnc2CCC3)C1c1ccc2ccc2c1
vPhos-as2-183	Z1384020225	-12.3	0.439	379.39	REAL	O=C(Nc1ccc2ccc(F)cc2n1)[C@H]1CC(=O)N(c2ccc3c(c2)CCC3)CC1
vPhos-as2-184	Z1391699427	-12.3	0.384	424.54	REAL	O=C(N)C@H]1CCCC(C(=O)C@H]2[C@@H]3C(=O)Nc2ccc2c1)C1ccc2ccc2c1
vPhos-as2-185	Z1407895940	-12.3	0.424	401.49	REAL	Cc1ccc(-c2nc3c(s2)C(=O)Nc2nnc4ccc4c(=O)[nH]2)CCC3)cc1
vPhos-as2-186	Z1451813869	-12.3	0.384	423.52	REAL	O=C(NC[C@H]1[C@H]2C3ccc3[C@H]1)2Nc1ccc(C(=O)N2CCc3ccc3c2)cc1
vPhos-as2-187	Z1531044259	-12.3	0.384	430.55	REAL	C[C@H]1[C@@H]1C[C@H]1C(CN(C(=O)C2ccc2NC(=O)N2CC3c3([nH]4ccc4c34)C2)C1
vPhos-as2-188	Z1533926291	-12.3	0.373	448.52	REAL	Cc1ccc(N2C[C@H](C(=O)O)[C@H]1C(=O)C3ccc4c(c3)C(=O)N4)CC2=O)cc1C
vPhos-as2-189	Z1553096181	-12.3	0.373	445.56	REAL	O=C([C@H]1[C@@H]2CCCC[C@H]2N1C(=O)C1ccc2ccc2c1)N1CCN2C(=O)C1C@H]2C1
vPhos-as2-190	Z159536070	-12.3	0.424	413.50	REAL	Cc1ccc(Cc2nnc(NC(=O)N3CC(=O)N)C1(=O)N)C4C3CCCC4)2)cc1
vPhos-as2-191	Z1610572428	-12.3	0.397	415.50	REAL	O=C1c2ccc2c2(=O)N1[C@H]1CCCC[C@H]1NC2nnc(-c3ccc3)n[nH]2)C1
vPhos-as2-192	Z1614243159	-12.3	0.410	408.50	REAL	O=c1cc(N2CCC[C@H]2)C@H]1(c3n[nH]1c(-c4ccc4n3)C2)2ccc3c(c2o1)CCC3
vPhos-as2-193	Z1614248143	-12.3	0.397	412.54	REAL	O=C1O[C@H](C(=O)N2CCC[C@H]2)C@H]3(c3n[nH]1c(C4CCCC4)n3)C2)Cc2ccc2c1
vPhos-as2-194	Z1643361093	-12.3	0.397	412.44	REAL	C[C@H]1COc2ccc2C2N1C(=O)C1ccc(N2C(=O)C3ccc3C2=O)c1
vPhos-as2-195	Z1682390649	-12.3	0.424	388.38	REAL	C[C@H]1(c2ccc(-c3nnc(C4=C5ccc5OC4)n3)cc2)N(C(=O)N)C1=O
vPhos-as2-196	Z1682390909	-12.3	0.410	402.45	REAL	C[C@

Name	Catalog ID	Score	LE	MW	Library	SMILES
vPipro-as1-1	ZINC000004625770	-9.8	0.316	408.46	ZINC	CNC(=O)C1=C(C)Nc2nc3ccc3n2[C@@H]1c1ccc2oc3ccc3c2c1
vPipro-as1-2	Z1580134599	-9.2	0.279	437.502	REAL	Cc1ccc(C=C)C(C)C2c2ccc2c3C(=O)Nc2m(C)cc2(N)O=C1
vPipro-as1-3	Z1588380887	-9.2	0.307	398.421	REAL	O=C(OCe1nc(=O)nHj1nHj1)c1c2c(nc3ccc13)C=Cc1ccc1CC2
vPipro-as1-4	Z2608120210	-9.2	0.329	379.379	REAL	C[C@H]1(c2ccc(-c3noc(C[C@H]4CCc5[nH]j5n4)3)2)NC(=O)NC1=O
vPipro-as1-5	ZINC000239338793	-9.2	0.271	472.564	ZINC	Cc1ccc2(c1)[C@H]1CN(C)CC[C@H]1N2C(=O)c1ccc2c1)S(=O)(=O)c1ccc1C2=O
vPipro-as1-6	ZINC000588226487	-9.1	0.294	422.511	ZINC	CSC1=NC(=O)C2=c3ccc3=N[C@@H]3(c4ccc4ccc4ccc43)N2N1
vPipro-as1-7	Z1162534781	-9.1	0.29	431.427	REAL	O=C(Nc1nc2ccc2c(=O)nHj1)c1ccc2c1)S(=O)(=O)c1ccc1C2=O
vPipro-as1-8	Z1313223611	-9.0	0.321	368.395	REAL	O=C(CCC(=O)c1ccc2ccc3ccc4ccc1c2c34)Nc1nc1nHj1
vPipro-as1-9	Z1381945046	-9.0	0.281	449.872	REAL	O=C(NC1nc2ccc2c(=O)nHj1)c1c2c(nc3ccc13)C=Cc1c1Fccc1C1CC2
vPipro-as1-10	Z2227159520	-9.0	0.273	431.458	REAL	O=C(Nc1nc2ccc2c(=O)nHj1)nc1c2c(nc3ccc3)cc2nc2ccc12
vPipro-as1-11	Z2476256758	-9.0	0.31	393.402	REAL	C[C@H]1(c2ccc(-c3noc(C[C@H]4C[C@H]6[C@@H]1(C)N4)[C@@H]5C6)3)2)NC(=O)NC1=O
vPipro-as1-12	ZINC000101076130	-9.0	0.237	499.521	ZINC	O=C1c2ccc2C(=O)C2O[C@@H]1(c1ccc1)[C@@H]1(C)N(c3ccc(-c4ccc4)cc3)C(=O)[C@@H]12
vPipro-as1-13	Z1329937673	-8.9	0.297	398.421	REAL	Cc1cc(C(=O)N(C)C2c3ccc3-c3ccc32)nc2n(O)nHj1c(=O)c12
vPipro-as1-14	Z2002423492	-8.9	0.278	425.483	REAL	O=C1[C@@H]2[C@@H]3[C@@H]4[C@@H]2[C@@H]3(C)C(=O)O=C5ccc(C(=O)N6CC7c1ccc7C6)c5)C[C@H]1[C@@H]3[C@@H]4[C@@H]2
vPipro-as1-15	Z2221930705	-8.9	0.287	421.412	REAL	C[C@H]1(c2ccc(-c3noc(CN4C(=O)[C@@H]5C[C@@H]6[C@@H]5C4=O)n3)2)NC(=O)NC1=O
vPipro-as1-16	Z2680004674	-8.9	0.318	379.379	REAL	C[C@H]1(c2ccc(-c3noc(C[C@@H]4CCc5[nH]j5n4)3)2)NC(=O)NC1=O
vPipro-as1-17	Z2902754635	-8.9	0.342	339.357	REAL	c1ccc(-c2ccc(-c3noc(-c4ccc5n[nH]j5n4)5)3)cc2cc1
vPipro-as1-18	Z298859774	-8.9	0.241	491.546	REAL	O=C(N[C@@H]1CCC2nHj1c(=O)ccc21)c1c2c(nc3ccc13)C=Cc1ccc3c1)OCO3)CC2
vPipro-as1-19	ZINC000002751243	-8.9	0.254	455.468	ZINC	O=C1c2cc3ccc4ccc4c4ccc4ccc4ccc2C1(=O)N1c1ccc2ccc2c1
vPipro-as1-20	ZINC000100504092	-8.9	0.287	404.512	ZINC	O=c1ccc2n1[C@@H]1[C@@H]2[C@@H]3C2c2ccc3ccc4ccc5ccc2c3c45)C1
vPipro-as1-21	PV-001843557134	-8.8	0.293	403.485	REAL	CNC(=O)Nc1ccc(C(=O)N2CCCC[C@@H]2c2nc(-c3ccc3)cnHj1)C2=O
vPipro-as1-22	PV-00186698351	-8.8	0.275	446.428	REAL	Cc1ccc(C(=O)N2CC[C@@H]3(c3ccc(C(F)F)F)3)C2(C)C)nc2n(O)nHj1c(=O)c12
vPipro-as1-23	Z1348802091	-8.8	0.284	431.467	REAL	O=C(Nc1ccc2c(c1)C(=O)CC2)c1ccc2c1)S(=O)(=O)c1ccc1C2=O
vPipro-as1-24	Z1418327339	-8.8	0.314	393.869	REAL	O=C(c1ccc(C)c2ccc2c1O)N1CCC2(C1)OCC1ccc1
vPipro-as1-25	Z1451423747	-8.8	0.275	425.487	REAL	C[C@H]1(c2ccc(C(=O)N3C4ccc4[C@@H]1(c4ccc44)C3)2)NC(=O)NC1=O
vPipro-as1-26	Z1479461244	-8.8	0.259	449.556	REAL	Cn1cnc1N1CCN(C(=O)c2c3c(nc4ccc24)C(=O)c2ccc2)CC3(C1)
vPipro-as1-27	Z1683018400	-8.8	0.284	436.345	REAL	CC(=O)Nc1ccc(-c2noc(-c3cc(NC(=O)O)C(F)F)F)ccc3O)nc2c1
vPipro-as1-28	Z1701868735	-8.8	0.267	440.502	REAL	C[C@H]1(c2ccc(CNC(=O)N3CC4c(-c5ccc5)ccc43)2)NC(=O)NC1=O
vPipro-as1-29	Z1841450164	-8.8	0.284	429.495	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CC4(CCC4)c4ccc44)ccc21
vPipro-as1-30	Z1975306154	-8.8	0.275	438.433	REAL	NC(=O)CCN(C(=O)N1ccc(NC(=O)c2ccc(-c3(F)ccc3F)c2)c1
vPipro-as1-31	Z2028189624	-8.8	0.275	433.51	REAL	O=C(c1ccc2ccc12)N1CCC[C@@H]1(C)N2CC[C@@H]2(C)C(=O)N1
vPipro-as1-32	Z2225986698	-8.8	0.275	427.507	REAL	Cc1ccc(-c2cc(C(=O)N3CCC[C@@H]1(c4nc(=O)nHj1nHj4)C3)ccc3n2)cc1c)C1
vPipro-as1-33	Z2371494791	-8.8	0.303	389.458	REAL	N#Cc1ccc1N1CCN(C(=O)Nc2ccc3c(c2)C(=O)CCCC3)C1
vPipro-as1-34	Z2905434948	-8.8	0.367	320.391	REAL	O=C1CC[C@@H]2(c2ccc(-c3ccc(C[C@@H]4CCNC4=O)c3)cc2)N1
vPipro-as1-35	Z43472214	-8.8	0.284	412.492	REAL	O=C(Nc1ccc(N2CCNC2=O)c1)N1Cc2ccc2[C@@H]1(c2ccc2)C1
vPipro-as1-36	Z734855420	-8.8	0.367	312.335	REAL	c1ccc2c(c1)C=Nc1nc3nc3nHj1c13)ccc1-12
vPipro-as1-37	Z806245950	-8.8	0.244	481.554	REAL	NC(=O)c1ccc(N2CCN(C(=O)[C@@H]3C(=O)N4ccc5c(c4)C4ccc4-5)C3)CC2)nc1
vPipro-as1-38	Z98335468	-8.8	0.267	435.486	REAL	NC1=NC2nc3cc4c(cc3n2)[C@@H]2(c3ccc3ccc3cc23)N1)OCCO4
vPipro-as1-39	Z993685582	-8.8	0.244	483.626	REAL	Cc1ccc(C23C[C@@H]4[C@@H]3C(C)C(=O)NC5ccc(C[C@@H]6(C)NC(=O)NC6=O)c5)C4(C2)C3)cc1C
vPipro-as1-40	ZINC00001588361	-8.8	0.259	440.509	ZINC	Nc1nc(-c2cc(-c3ccc4ccc43)nc1n2)cc(-c2ccc3ccc3c2)1
vPipro-as1-41	ZINC000001664790	-8.8	0.244	468.574	ZINC	O=C1c2ccc3ccc3c2CC[C@@H]1[C@@H]1([n+])2ccc2)C2Cc3ccc3ccc2C1=O
vPipro-as1-42	ZINC000006045805	-8.8	0.338	338.369	ZINC	O=C1Nc2ccc2C1=C=Nc1nc2ccc2c2ccc21
vPipro-as1-43	ZINC000011612116	-8.8	0.275	418.407	ZINC	Cn1c(=O)c2ccc3c4ccc5c6ccc(ccc7c7ccc(c2)37)c1=O)c46)cc(=O)n(C)c5=O
vPipro-as1-44	ZINC000100485510	-8.8	0.275	410.431	ZINC	O=C1c2ccc3c4c(ccc(c24)C2=NC4ccc4[C@@H]2)C1=NC2ccc2[C@@H]1C3=O
vPipro-as1-45	ZINC000100879883	-8.8	0.251	466.543	ZINC	C[C@H]1(O)C(=O)c1c2c3ccc3c1)C(=O)c1ccc1CC2c1nc(N)nc(N)C1
vPipro-as1-46	ZINC000408563977	-8.8	0.251	473.503	ZINC	O=C1Nc2ccc2[C@@H]12[C@@H]1([n+])O-1)C[C@@H]1ccc(Oc3ccc3cc1)C[C@@H]1CCCN12
vPipro-as1-47	PV-001944164475	-8.7	0.322	368.392	REAL	O=C1CCc2ccc(NC(=O)N3CC[C@@H]1(c4cc(=O)nHj1c(=O)nHj4)C3)cc21
vPipro-as1-48	PV-001944178908	-8.7	0.3	390.446	REAL	Cc1nc(-c2ccc(C)c(NC(=O)N3CC(C(=O)N)C4ccc4C3)2)nc1nHj1
vPipro-as1-49	Z1000943544	-8.7	0.272	430.506	REAL	C[C@@H]1CCc2nHj1ccc(C(=O)N)Nc4ccc(C[C@@H]5(C)NC(=O)NC5=O)c4)cc3c2C1
vPipro-as1-50	Z109881682	-8.7	0.272	450.441	REAL	C[C@@H]1CC(C(=O)c2(O)c(C)C(=O)c3)S(=O)(=O)c3ccc3C4=O)ccc(F)c21
vPipro-as1-51	Z1284391841	-8.7	0.29	397.477	REAL	CNC(=O)Cn1ccc2ccc(NC(=O)[C@@H]3[C@@H]3C2c2ccc3ccc4ccc34)cc21
vPipro-as1-52	Z1411897194	-8.7	0.29	424.476	REAL	O=C1CN(C(=O)c2ccc3c(c2)S(=O)(=O)c2ccc2C3=O)[C@@H]2CC[C@@H]2(C)C(=O)N1
vPipro-as1-53	Z1460469899	-8.7	0.3	388.422	REAL	O=C(O)C[C@@H]1CCN1=O)c1c2c(nc3ccc13)C(=O)c1ccc1CC2
vPipro-as1-54	Z1462140008	-8.7	0.272	425.53	REAL	Cc1ccc2c(c1)[C@@H]1CN(C)CC[C@@H]1N2C(=O)c1ccc(-c2ccc3c(c2)CCO3)c1
vPipro-as1-55	Z1511588001	-8.7	0.281	449.55	REAL	C[C@@H]1C1Sc2ccc2NC(=O)c2ccc3c(c2)S(=O)(=O)c3ccc3C2=O)C1
vPipro-as1-56	Z1684579508	-8.7	0.281	417.424	REAL	CN1C(=O)C[C@@H]1(c2nc(-c3ccc(C[C@@H]4(C)NC(=O)NC4=O)c3)nc2)C2ccc221
vPipro-as1-57	Z1684582706	-8.7	0.281	417.424	REAL	C[C@@H]1(c2ccc(-c3noc(CN4C(=O)CC5ccc54)3)2)NC(=O)NC1=O
vPipro-as1-58	Z1842627070	-8.7	0.29	413.394	REAL	O=C(CCC(=O)c1ccc2ccc3ccc4ccc1c2c34)NC[C@@H]1(C)C(F)F)F
vPipro-as1-59	Z1907872359	-8.7	0.3	398.368	REAL	NC(=O)N1CCC2ccc(NC(=O)[C@@H]3C(F)F)ccc(F)ccc43)O)cc21
vPipro-as1-60	Z1907890376	-8.7	0.311	375.471	REAL	NC(=O)N1CCC2ccc(NC(=O)[C@@H]3[C@@H]34CCc3ccc34)cc21
vPipro-as1-61	Z1907890391	-8.7	0.311	376.415	REAL	Cc1c(C(=O)Nc2ccc3c(c2)N(C)N)O)C(C)C3c(O)nc2ccc12
vPipro-as1-62	Z1943459592	-8.7	0.322	361.4	REAL	NC(=O)N1CCC2ccc(NC(=O)c3ccc(O)c4ccc44)cc21
vPipro-as1-63	Z1963612202	-8.7	0.272	425.53	REAL	Cc1ccc2c(c1)[C@@H]1CN(C)CC[C@@H]1N2C(=O)c1ccc(-c2ccc3c(c2)CCO3)c1
vPipro-as1-64	Z1997870618	-8.7	0.29	405.496	REAL	CC1(C)CCc2ccc2[C@@H]1NC(=O)c2ccc(C[C@@H]3(C)NC(=O)NC3=O)c2C1
vPipro-as1-65	Z2156918190	-8.7	0.3	392.389	REAL	Cc1ccc(C(=O)N[C@@H]1(C)C2ccc(F)c3ccc32)nc2n(O)nHj1c(=O)c12
vPipro-as1-66	Z2157920095	-8.7	0.3	388.382	REAL	C[C@@H]1(c2ccc(-c3noc(C[C@@H]4CC(=O)c5ccc54)3)2)NC(=O)NC1=O
vPipro-as1-67	Z2159455872	-8.7	0.281	412.412	REAL	O=C(C1ccc(-c2n[nH]j2-c2ccc22)n1)N1CCn2c1nc1ccc12
vPipro-as1-68	Z2232325149	-8.7	0.264	445.478	REAL	Cc1ccc(C)N2C(=O)c3ccc(C(=O)N4CC[C@@H]1(c5nc(=O)nHj1nHj5)C4)C3C2=O)1
vPipro-as1-69	Z226811652	-8.7	0.272	446.478	REAL	Cc1ccc(O)C(=O)c2ccc3c(c2)S(=O)(=O)c2ccc2C3=O)c2c1[C@@H]1(C)CC2=O
vPipro-as1-70	Z2651925511	-8.7	0.235	492.577	REAL	O=C(c1c2c(nc3ccc13)C=Cc1ccc1)CC2)N1Cc2ccc2N2[C@@H]1(O)C[C@@H]2C1
vPipro-as1-71	Z283995916	-8.7	0.281	414.46	REAL	O=C(N[C@@H]1CCC2nHj1c(=O)ccc21)c1ccc2c1)C[C@@H]1(c1ccc1)OC2=O
vPipro-as1-72	Z2877665446	-8.7	0.3	386.454	REAL	Cc1ccc2c(c1)[C@@H]1N2C(=O)c1ccc(-c2ccc3c(c2)CCO3)c1
vPipro-as1-73	Z2903061099	-8.7	0.281	410.432	REAL	O=C1N=CC=C[C@@H]1c1nc(F)[C@@H]2C(=O)N(c3ccc4c(c3)C3ccc3-4)C2)N1
vPipro-as1-74	Z2990878377	-8.7	0.322	383.842	REAL	Cc1nc(C[C@@H]2CCN(c3mnn3)[C@@H]3[C@@H]4C5c(C)O)cc5)C[C@@H]43)C2)N1
vPipro-as1-75	Z2991040225	-8.7	0.363	323.347	REAL	O=C1CC[C@@H]1(c2ccc(-c3ccc4c(c3)C[C@@H]1(C)O)C4)cc2)N1
vPipro-as1-76	Z56769338	-8.7	0.3	380.454	REAL	CCn1c2ccc2c2ccc(C[C@@H]3NC(N)=N4nc5ccc5n43)cc21
vPipro-as1-77	Z806008328	-8.7	0.281	416.44	REAL	Cc1nc(NNC1=O)[C@@H]2CC(=O)N(c3ccc4c(c3)C3ccc3-4)C2)nHj1c(=O)
vPipro-as1-78	Z852301160	-8.7	0.242	480.562	REAL	O=C1O[C@@H]1(c2ccc2)C2ccc(C(=O)N3CC(C(=O)N4CC5ccc54)CC3)cc2c1
vPipro-as1-79	Z858524370	-8.7	0.311	369.379	REAL	O=C(Nc1ccc2c1)C1ccc1-1)Nc1ccc2c1)C(=O)NC2=O
vPipro-as1-80	ZINC00000988780	-8.7	0.272	415.407	ZINC	O=C1c2ccc3c(=O)nc(-c4ccc4)cc1)cc4ccc(-c5nc6ccc6n5)1c2c43
vPipro-as1-81	ZINC000004265433	-8.7	0.249	473.551	ZINC	COC(=O)C1=N[C@@H]2(C)2c2ccc2-c2ccc223)C2(O)1c1ccc1-1c1ccc12
vPipro-as1-82	ZINC000005387000	-8.7	0.229	496.477	ZINC	COc1ccc(-n2c(=O)c3ccc4c5ccc6c(=O)nHj1c(=O)c7ccc(-c8ccc(-c2=O)c3c48)c5ccc6)cc1
vPipro-as1-83	ZINC000005389365	-8.7	0.281	409.484	ZINC	O=C(C(=O)C1NCCC2ccc3cc21)OCCCO3)C1c2ccc2-c2ccc221
vPipro-as1-84	ZINC000009251328	-8.7	0.272	439.506	ZINC	Cc1cc(C(=O)N2CC3(C)C2)OCCO3)cc2ccc3c(c12)C(=O)C1(C)CC(C)O3
vPipro-as1-85	ZINC000016919178	-8.7	0.256	448.517	ZINC	O=C1c2ccc2C(=O)[C@@H]2CC3=C(C)C4=C(C3)C[C@@H]3(C)O=C5ccc5C1(=O)[C@@H]3C4)C[C@@H]12
vPipro-as1-86	ZINC000020569790	-8.7	0.242	486.61	ZINC	C[C@@H]1CCC[C@@H]1(n2c(=O)c3ccc4c5ccc(c35)c2=O)c(=O)nHj1c(=O)[C@@H]2CC[C@@H]2(C)C(=O)[C@@H]3C4)C[C@@H]1O)C[C@@H]12
vPipro-as1-87	ZINC000022418719	-8.7	0.281	407.432	ZINC	O=C1Nc2ccc2c2c1)C[C@@H]1(c1ccc1)N/C(=O)Nc1ccc3cc1)N2
vPipro-as1-88	ZINC000036370631	-8.7	0.242	464.563	ZINC	O=C1[C@@H]2C3c4ccc4c(c4ccc43)C[C@@H]2(C)O)[C@@H]2C3c4ccc4c(c4ccc43)O)C1=O
vPipro-as1-89	ZINC000102319789	-8.7	0.272	414.463	ZINC	O=C1Nc2ccc2c2c1)C=Cc1ccc2ccc(C=C)C3(C)O)Nc4ccc44)cc2c1
vPipro-as1-90	ZINC000103904797	-8.7	0.29	392.457	ZINC	Cc1cc2(cc1)NC1=C(C)O[C@@H]1(c3c4ccc4ccc4ccc34)O)C1=O
vPipro-as1-91	ZINC000104480052	-8.7	0.242	490.945	ZINC	O=C(NC1=CC=C[C@@H]2(C)O)c3ccc3C(=O)[C@@H]2)c1cc(-c2ccc2)nc2ccc21
vPipro-as1-92	ZINC000104480060	-8.7	0.242	490.945	ZINC	Cc1ccc(NC(=O)c2ccc(N3C(=O)[C@@H]4[C@@H]3)O)C3c5ccc5C4ccc44)cc2)c1C
vPipro-as1-93	ZINC000408675227	-8.7	0.229	498.58	ZINC	Cc1ccc(-c2cc(NC(=O)c3nHj1c(=O)nHj1c(=O)c3)nc1)cc1ccc12
vPipro-as1-94	PV-001792855242	-8.6	0.277	413.436	REAL	CNC(=O)CN(C)C(=O)c1c(C)c(-c2ccc(-c3ccc3F)cc2)ccc(F)cc12
vPipro-as1-95	PV-001804466420	-8.6	0.253	459.495	REAL	CC(=O)NCC(=O)N1CCC[C@@H]1(C)O)Nc1cc(-c2ccc2)nc2ccc12
vPipro-as1-96	PV-001812862555	-8.6	0.277	416.48	REAL	Cn1ccc2c(=O)nc(NC(=O)c3ccc(C)C4CCNC4=O)c3)nc1nHj1c21
vPipro-as1-97	PV-001813622996	-8.6	0.319	387.786	REAL	C[C@@H]1(c2ccc(C(=O)N3CC4c(F)ccc(Br)4)C3)2)NC(=O)NC1=O
vPipro-as1-98	PV-001851509350	-8.6	0.307	446.275	REAL	O=C(c1ccc(-c2ccc2)nc1nHj1)N1CC[C@@H]1(c2ccc(O)nHj1n2)C1
vPipro-as1-99	PV-001857869184	-8.6	0.344	339.354	REAL	C[C@@H]1(c2ccc(C(=O

Name	Catalog ID	Score	LE	MW	Library	SMILES
vPpro-as1-101	PV-001875408549	-8.6	0.307	386.41	REAL	C[C@]1(e2ccc(C(=O)N3CCC4(CCN(C=O)O4)CC3)cc2)NC(=O)NC1=O
vPpro-as1-102	PV-001878878021	-8.6	0.297	390.40	REAL	Cc1ccc(-c2c(C)nnHj2c2NC(=O)c2ccc(C)3c(=O)NjHj2c(=O)nc3n2)cc1
vPpro-as1-103	PV-001878955056	-8.6	0.297	410.82	REAL	Cc1nnHj2c(NC(=O)c2ccc(C)3c(=O)NjHj2c(=O)nc3n2)1-c1ccc(C)1
vPpro-as1-104	PV-001900498784	-8.6	0.277	410.48	REAL	NC(=O)NCCNC(=O)c1ccc(-c2ccc(C)3cc2)nc2ccc12
vPpro-as1-105	Z1014363782	-8.6	0.239	480.57	REAL	O=C(NNC(=O)C@H)1C[C@H]2CCCC[C@H]2N1C(=O)c1ccc2ccc2e1e1e1nHj2ccc12
vPpro-as1-106	Z1014641074	-8.6	0.232	492.58	REAL	O=C(NNC(=O)C@H)1C[C@H]2CCCC[C@H]2N1C(=O)c1ccc2ccc2e1e1ccc2ccc12
vPpro-as1-107	Z1015254072	-8.6	0.287	418.52	REAL	CC(=O)N1CC2c2c(S(=O)(=O)N3CC4ccc4-c4ccc4C3)ccc21
vPpro-as1-108	Z1031611182	-8.6	0.269	421.50	REAL	O=C1CN(C(=O)c2ccc(-c4ccc4)cc3)nc3ccc23)CC1
vPpro-as1-109	Z112144674	-8.6	0.246	483.45	REAL	O=C(COC(=O)c1e2nc3ccc13)C=C1ccc11)CC2)NC(=O)NCC(F)F
vPpro-as1-110	Z1135059810	-8.6	0.269	425.49	REAL	Cc1ccc1-c1ccc(C@H)2NC(N)=Nc3ccc4c5c(=O)nc3)OCCO5c1
vPpro-as1-111	Z1167318249	-8.6	0.277	417.44	REAL	O=C(N[C@H]1CCOC2ccc(F)cc21)c1ccc2e1(c1)C[C@H]1c1ccc11OC2=O
vPpro-as1-112	Z1174754345	-8.6	0.269	430.47	REAL	O=C(C[C@H]1CC(=O)Nc2ccc3c(=O)C2ccc2-3)C1N1CCO[C@H]1c2nm[nH]2)C1
vPpro-as1-113	Z1195478438	-8.6	0.277	411.46	REAL	Cn1nm1COC(=O)c1e2c(nc3ccc13)C=C1ccc11)CC2
vPpro-as1-114	Z1229730348	-8.6	0.277	438.59	REAL	C[C@H]1C[C@H]2CCCC[C@H]2N1C(=O)c1ccc(S(=O)(=O)N2c3ccc3C[C@H]2)C1
vPpro-as1-115	Z1232080198	-8.6	0.277	412.41	REAL	O=C(Nc1nm[nH]1)c1e2c(nc3ccc13)C=C1ccc1c1)OC3)CC2
vPpro-as1-116	Z1250584790	-8.6	0.307	374.40	REAL	Cc1ccc(C(=O)N)C[C@H]1C2ccc3ccc23)nc2nc(O)nHj2c(=O)c12
vPpro-as1-117	Z1278192764	-8.6	0.297	394.45	REAL	NC(=O)C1ccc2ccc(NC(=O)N3CC4ccc4)F4c4[C@H]3)CC21
vPpro-as1-118	O=C1311761303	-8.6	0.261	447.49	REAL	O=C(NC[C@H]1CCC[C@H]1)N2C(=O)Nc1ccc(C(=O)N2CC3ccc3c2)cc1
vPpro-as1-119	Z1312740018	-8.6	0.307	378.39	REAL	Cc1ccc(C(=O)N2CC=Cc3ccc(O)cc3)CC2)nc2nc(O)nHj2c(=O)c12
vPpro-as1-120	Z1313109499	-8.6	0.287	402.41	REAL	Cc1ccc(C(=O)N2CC3c3c(=O)nc3)CC2)nc2nc(O)nHj2c(=O)c12
vPpro-as1-121	Z1330295941	-8.6	0.331	348.36	REAL	CN(C(=O)c1nHj2c(=O)nHj2c(=O)N)C1c2ccc2c-2ccc2e1
vPpro-as1-122	Z1330520607	-8.6	0.307	371.40	REAL	C1nc(C(=O)N)C2c3ccc3-c3ccc3)nm1-c1nm[nH]1
vPpro-as1-123	Z1333926093	-8.6	0.358	316.36	REAL	O=C1ccc2c(c1)-c1ccc1C2)N1CC2nm[nH]2C1
vPpro-as1-124	Z1369936592	-8.6	0.287	401.47	REAL	O=C(Nc1ccc(C(=O)N2CC3c3c(-c4ccc4)oc3C2)c1)NC1CC1
vPpro-as1-125	Z1417811909	-8.6	0.297	392.41	REAL	Cc1ccc(C(=O)N2CCC3(C)C2)OC2ccc23)nc2nc(O)nHj2c(=O)c12
vPpro-as1-126	Z1417819699	-8.6	0.297	392.41	REAL	Cn1c(=O)nHj2c(=O)c2ccc(C(=O)N3CC4(C)CC3)CC3)ccc34)nc21
vPpro-as1-127	Z1434566780	-8.6	0.269	423.52	REAL	CC(=O)N1CCN(C(=O)c2ccc(-c3ccc4ccc34)nc3ccc23)C@H)1C[C@H]1
vPpro-as1-128	Z14521101750	-8.6	0.319	363.42	REAL	Cc1ccc2c1CCN(C(=O)c1ccc(C@H)1C3)NC(=O)NC3=O)c12
vPpro-as1-129	Z1452804926	-8.6	0.277	423.43	REAL	C[C@H]1(c2ccc(C(=O)N3CCN(C(=O)c4ccc(O)NjHj2c2)NC(=O)NC1=O
vPpro-as1-130	Z1452857456	-8.6	0.307	385.37	REAL	C[C@H]1(c2ccc(C(=O)N3CC4c(F)ccc(F)c4C3)c2)NC(=O)NC1=O
vPpro-as1-131	Z1452890997	-8.6	0.287	405.50	REAL	Cc1ccc(C@H)2[C@H]1C[C@H]2C(C)CCN2C(=O)c2ccc(C@H)1C3)NC(=O)NC3=O)c2cc1
vPpro-as1-132	Z1462331687	-8.6	0.269	432.43	REAL	C[C@H]1(c2ccc(C(=O)OC3c3c(=O)oc4cc5c(cc34)CC5)C2)NC(=O)NC1=O
vPpro-as1-133	Z1481436666	-8.6	0.287	400.43	REAL	O=C1NC[C@H]1COC(=O)c2c3(nc4ccc24)C=C(c2ccc2)CC3)O1
vPpro-as1-134	Z1481746626	-8.6	0.287	404.43	REAL	Cc1ccc(C)c(-n2ccc(NC(=O)c3ccc(C)c4c(=O)nHj2c2)NC(=O)NC1=O
vPpro-as1-135	Z1506002348	-8.6	0.307	369.38	REAL	O=C(Cc1ccc(ccc3ccc3)2)N1c1ccc2ccc2e1(O)nHj1
vPpro-as1-136	Z1515530361	-8.6	0.277	437.52	REAL	O=C(N[C@H]1[C@H]2COC[C@H]2[C@H]2C2CC2)c1ccc2e1(S(=O)(=O)c1ccc1C2=O
vPpro-as1-137	Z1521921304	-8.6	0.269	435.43	REAL	C[C@H]1(c2ccc(CNC(=O)c3ccc(-c4(F)ccc4F)3c2)NC(=O)NC1=O
vPpro-as1-138	Z1531873572	-8.6	0.277	440.52	REAL	C1(C)CCC(NC(=O)c2ccc3c2(S(=O)(=O)c2ccc2C3=O)C(N)=O)CC1
vPpro-as1-139	Z1552640130	-8.6	0.277	419.48	REAL	CNC(=O)C@H)1CCC[C@H]1NC(=O)c1ccc2e1(c1)C(=O)Nc1ccc(F)cc1C)C2=O
vPpro-as1-140	Z1576137061	-8.6	0.261	437.46	REAL	Cc1ccc(Cc(N2C(=O)c3ccc(C(=O)Nc4ccc4-c4nm[nH]4)ccc3C2=O)c1
vPpro-as1-141	Z1667075702	-8.6	0.277	410.48	REAL	Cn1nm1COC(=O)c1e2c(nc3ccc13)C=C1ccc11)CC2
vPpro-as1-142	Z1669361714	-8.6	0.319	363.46	REAL	O=C1ccc2c1O)CC2)N1CC2(C)C1)OC1ccc12
vPpro-as1-143	Z1682711662	-8.6	0.319	362.34	REAL	O=C1CCCN1ccc1-c2nc(-c3ccc4j[nH]2c(=O)nc34)nc2e1
vPpro-as1-144	Z1684579693	-8.6	0.287	404.43	REAL	C[C@H]1(c2ccc(-c3noc(-c4cc5c(cc4)CC5)nc3)2)NC(=O)NC1=O
vPpro-as1-145	Z1684579932	-8.6	0.287	400.39	REAL	C[C@H]1(c2ccc(-c3noc(-c4cc5c(cc4)OC5)nc3)2)NC(=O)NC1=O
vPpro-as1-146	Z1684580686	-8.6	0.277	417.42	REAL	CC(=O)Nc2ccc2C[C@H]1c1nc(-c2ccc(C@H)1C3)NC(=O)NC3=O)c2no1
vPpro-as1-147	Z1684582157	-8.6	0.269	432.48	REAL	Cc1ccc1C1c2nc(-c3ccc(C@H)1C)NC(=O)NC4=O)c3)no2)CCOCC1
vPpro-as1-148	Z1720488958	-8.6	0.287	411.41	REAL	C[C@H]1(c2ccc(C(=O)N3CC=C(c4c(F)ccc4F)CC3)2)NC(=O)NC1=O
vPpro-as1-149	Z1752153169	-8.6	0.269	433.51	REAL	C[C@H]1NC(=O)N1CC[C@H]1C2(C)C(=O)Nc1ccc12)c1ccc(NC(=O)N2CC2)cc1
vPpro-as1-150	Z1834416322	-8.6	0.261	448.46	REAL	Cc1ccc(C(=O)N2CCCC[C@H]2c2nc(-c3ccc(F)3c[nH]2)nc2nc(O)nHj2c(=O)c12
vPpro-as1-151	Z1852536067	-8.6	0.307	378.43	REAL	Cc1ccc(C(=O)N)C[C@H]1C[C@H]1C(c3ccc3)C2)nc2nc(O)nHj2c(=O)c12
vPpro-as1-152	Z1867099401	-8.6	0.319	363.42	REAL	Cc1ccc2c1CN(C(=O)c1ccc(C@H)1C3)NC(=O)NC3=O)c12
vPpro-as1-153	Z1907889335	-8.6	0.269	428.49	REAL	NC(=O)N1CCc2ccc(NC(=O)C@H)1C3)CC(=O)Nc4ccc5ccc45)3)cc21
vPpro-as1-154	Z1953102765	-8.6	0.269	430.47	REAL	Cc1ccc(C(=O)N2CCCC[C@H]2c2nc(-c3ccc3)cnHj2)nc2nc(O)nHj2c(=O)c12
vPpro-as1-155	Z1954532933	-8.6	0.307	382.39	REAL	Cc1ccc(C(=O)N)C[C@H]1C[C@H]1C(c3ccc(F)3C2)nc2nc(O)nHj2c(=O)c12
vPpro-as1-156	Z1983291199	-8.6	0.269	436.51	REAL	O=C(CN(C(=O)N)C[C@H]1C[C@H]1C[C@H]2C2CC[C@H]2)C1=O)Nc1ccc(N2CCCC2=O)c1
vPpro-as1-157	Z1985378426	-8.6	0.277	412.44	REAL	O=C1CC[C@H]1OC(=O)c2c3(nc4ccc24)C=C(c2ccc2)CC3)O1
vPpro-as1-158	Z1995499474	-8.6	0.297	411.84	REAL	C[C@H]1CCN(C(=O)C@H)1NC(=O)c1ccc2e1(c1)C(=O)Nc1ccc1C)C2=O
vPpro-as1-159	Z203231200	-8.6	0.253	464.52	REAL	Cc1ccc(NC(=O)N2CCN(C(=O)c3ccc4c(=O)nc43)CC3)CC2)no1
vPpro-as1-160	Z2077116289	-8.6	0.307	368.40	REAL	O=C(Nc1ccc(-c2n[nH]2c(=O)nHj2)c1ccc2e1)C1ccc1-1
vPpro-as1-161	Z2157919690	-8.6	0.287	402.41	REAL	C[C@H]1(c2ccc(-c3noc(C@H)1C[C@H]1C[C@H]1C3)NC(=O)NC1=O
vPpro-as1-162	Z2193371631	-8.6	0.319	366.38	REAL	Cc1ccc2e1OC[C@H]1NC(=O)c1ccc(C)3c(=O)NjHj2c(=O)nc3n1)C2
vPpro-as1-163	Z222191691	-8.6	0.277	421.36	REAL	C[C@H]1(c2ccc(-c3noc(-c4nc5c(F)ccc(F)c54)nc3)2)NC(=O)NC1=O
vPpro-as1-164	Z2226903034	-8.6	0.331	349.35	REAL	O=C(Nc1nm[nH]1)c1ccc2e1(c1)C[C@H]1(c1ccc11)OC2=O
vPpro-as1-165	Z2229128118	-8.6	0.287	402.46	REAL	CN(C(=O)c1nc(N)nc2COC2)nc1)C1c2ccc2c-2ccc2e1
vPpro-as1-166	Z2233384834	-8.6	0.261	442.52	REAL	Nc1nm1C2CCN(C(=O)C@H)3CC(=O)Nc4ccc5c(4)C4ccc4-5)3)CC2)[nH]1
vPpro-as1-167	Z226196772	-8.6	0.261	471.93	REAL	O=C(CSc1ccc2c3c(ccc13)C(=O)c1ccc1-2)N1nc2ccc(C)nm12
vPpro-as1-168	Z226395670	-8.6	0.253	475.57	REAL	NC(=O)C@H)1Cc2ccc2CN1C(=O)c1ccc(S(=O)(=O)N2CC3ccc3ccc3)cc1
vPpro-as1-169	Z237114998	-8.6	0.253	448.49	REAL	Cc1nm1N(C(=O)c2ccc(-c3ccc(-c4ccc4)cc3)nc3ccc23)nHj2c1
vPpro-as1-170	Z2439188373	-8.6	0.307	396.47	REAL	O=C1c2ccc2S(=O)(=O)c2ccc(C(=O)N3CC[C@H]4CC[C@H]4)C)N4)cc21
vPpro-as1-171	Z2444377924	-8.6	0.297	388.43	REAL	C[C@H]1(c2ccc(-c3noc(C@H)1C)C)C2ccc54)nc3)2)NC(=O)NC1=O
vPpro-as1-172	Z2621676662	-8.6	0.297	388.47	REAL	O=C1CCC2ccc(NC(=O)N3CC4(C)C=C5ccc5O4)CC3)cc21
vPpro-as1-173	Z2636421396	-8.6	0.297	398.47	REAL	C[C@H]1CN(C(=O)C@H)2C2CC3nHjnm3)CN1C(=O)NjHj1CCC2[nH]nm21
vPpro-as1-174	Z2709567915	-8.6	0.297	388.47	REAL	O=C1CCC2ccc(NC(=O)N3CCN(c4ccc5[nH]jcc45)CC3)cc21
vPpro-as1-175	Z28263645	-8.6	0.261	435.53	REAL	CC(=O)N1CCN(C(=O)c2ccc(-c3ccc(-c4ccc4)cc3)ccc2)3)CC1
vPpro-as1-176	Z2902754744	-8.6	0.319	354.37	REAL	O=C1nHj2ccc(-c3nc(-c4ccc(-c5ccc5)cc4)no3)2)nc1H1
vPpro-as1-177	Z2903525227	-8.6	0.297	417.45	REAL	Cc1ccc(N2CCS2(=O)=O)ccc1-c1nc(-c2c(C)nc1c(=O)nHj2e2)O)no1
vPpro-as1-178	Z2905434901	-8.6	0.344	334.37	REAL	O=C1C[C@H]1C2ccc(-c3ccc(C@H)4)CC(C(=O)N4)cc3)2)C(=O)N1
vPpro-as1-179	Z29293949	-8.6	0.253	488.54	REAL	NC(=O)c1ccc(-c2ccc2)sc1NC(=O)c1ccc2e1(S(=O)(=O)c1ccc1C2=O
vPpro-as1-180	Z2962557287	-8.6	0.307	376.46	REAL	O=C1c1ccc2e1(c1)-c1ccc1C2)N1CC2(C)C1)C[C@H]1OC2=O
vPpro-as1-181	Z2991040262	-8.6	0.344	337.37	REAL	O=C1CC[C@H]1C2ccc(-c3ccc4c3)C[C@H]1(C(=O)O)CCO4)cc2)N1
vPpro-as1-182	Z3009936908	-8.6	0.307	382.38	REAL	C[C@H]1c2ccc(F)ccc(F)c2CCN1c1nm1-c2nc3nc[nH]j23)nc1C
vPpro-as1-183	Z325118426	-8.6	0.297	395.50	REAL	Cc1ccc(C23C[C@H]4[C@H]1C[C@H]1C)C(C(=O)O)CCN5(C(=O)CC5=O)(C4)C2)C3)cc1
vPpro-as1-184	Z37498794	-8.6	0.253	449.47	REAL	O=C(C1c2ccc2O2ccc2e1)Nc1ccc(-n2nc3c(=O)nHj1nc32)cc1
vPpro-as1-185	Z393909394	-8.6	0.277	438.59	REAL	C[C@H]1CCN(C(=O)c2ccc(S(=O)(=O)N3CC4ccc43)2)C[C@H]2CCCC[C@H]12
vPpro-as1-186	Z56768780	-8.6	0.307	363.42	REAL	NC1=Nc2nc3ccc3n2)C[C@H]1(c2ccc3ccc3ccc23)N1
vPpro-as1-187	Z731266442	-8.6	0.232	487.52	REAL	Cn1nc2e1(O)nHj2c(COC(=O)c3ccc(-c4ccc(-c5ccc5)cc4)me4ccc34)nc21
vPpro-as1-188	Z731270762	-8.6	0.239	477.52	REAL	Cn1nc2e1(O)nHj2c(COC(=O)c3ccc(-c4ccc(-c5ccc5)cc4)me4ccc34)nc21
vPpro-as1-189	Z941454500	-8.6	0.287	418.43	REAL	O=C(Nc1ccc2e1(c1)C(=O)NC2)c1ccc2e1(S(=O)(=O)c1ccc1C2=O
vPpro-as1-190	ZINC00001588362	-8.6	0.253	440.51	ZINC	Nc1nc(-c2ccc3ccc3c2)cc1-c2ccc(-c3ccc4ccc4)nc(N)2)no1
vPpro-as1-191	ZINC00008763747	-8.6	0.239	473.53	ZINC	OC1ccc2e1O)C[C@H]1c1ccc3noc(-c4ccc4)3c1)N1N(C(=O)CC3ccc3)C[C@H]21
vPpro-as1-192	ZINC00009612292	-8.6	0.232	496.58	ZINC	C1CCN(C2ccc(N3CCN(c4ccc(F)cc4)CC3)c3noc4c3c2(=O)c2ccc2-4)CC1
vPpro-as1-193	ZINC000012895162	-8.6	0.253	476.90	ZINC	Nc1nc(N)nc(COC(=O)c2c3(nc4ccc42)C=C(c2(F)ccc2)C)CC3)1
vPpro-as1-194	ZINC000013304715	-8.6	0.253	472.56	ZINC	Cc1ccc2e1(c1)C[C@H]1CN(C)C[C@H]1N2C(=O)c1ccc2e1(S(=O)(=O)c1ccc1C2=O
vPpro-as1-195	ZINC000018200371	-8.6	0.307	375.43	ZINC	Cc1nc2ccc2nc1[C@H]1c2c(O)nHj2c2NC2=C1C(=O)CC(C)C2
vPpro-as1-196	ZINC000020464723	-8.6	0.269	429.51	ZINC	Cc1c(C(=O)N2CC3ccc3C2)oc2ccc3c(12)C(=O)CC1(C)CC1)O3
vPpro-as1-197	ZINC00002528214	-8.6	0.253	449.51	ZINC	CC(C)1ccc(C[C@H]2N)C(=O)N3c4ccc43)Nc3ccc4c4[nH]j2c(=O)c3)cc1
vPpro-as1-198	ZINC000026780145	-8.6	0.239	490.95	ZINC	O=C(NC1=CC=C[C@H]2C(=O)c3ccc3C(=O)C[C@H]12)c1ccc(-c2ccc2)cc2e1
vPpro-as1-199	ZINC000027389463	-8.6	0.269	429.52	ZINC	Cc1ccc2nc(C[C@H]3)CCCN3C(=O)C[C@H]1C3)nc[nH]2e1c4ccc43)ncj2cc1C
vPpro-as1-200	ZINC000092077956	-8.6	0.307	379.42	ZINC	Cc1ccc(N2CCN(C(=O)c3ccc(-c4ccc4)O)nHj3)CC2)nc(N)n

Supplementary Table 24. Virtual screening hits 101 to 200 of the screen against the active site of PL^{pro}

Name	Catalog ID	Score	LE	MW	Library	SMILES
vPlpro-as2-1	Z1476773581	-10.1	0.337	421.839	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc2c(c1)C[C@H](c1cccc1)OC2=O
vPlpro-as2-2	Z1555227240	-9.9	0.341	411.848	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc2c(c1)Onc3nc2c1)CCCC3
vPlpro-as2-3	Z1132505833	-9.8	0.35	385.506	REAL	CC(C)(C)OC(=O)Nc1ccc(NC(=O)N[C@H]2[C@@H](C)[C@H]3[C@@H]2)C[C@@H]3)C[C@@H]3)cc1
vPlpro-as2-4	Z2178142149	-9.8	0.306	425.443	REAL	O=C(Nc1cccc2[nH]c(=O)oc12)[C@H]1CC(=O)N(c2ccc3c(c2)C2ccc2c3)C1
vPlpro-as2-5	Z812555872	-9.8	0.28	468.559	REAL	O=C(C12C[C@H]3[C@@H](C)[C@H]1)CC(C(=O)Nc1ccc4ccc4[nH]1)(C3)C2)Nc1ccc2ccc2[nH]1
vPlpro-as2-6	Z1555223912	-9.7	0.323	441.85	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc2c(c1)S(=O)(=O)c1ccc1C2=O
vPlpro-as2-7	Z1915736221	-9.7	0.303	426.435	REAL	O=C(NNc1ccc(-n2ccc2)nn1)c1ccc2c(c1)C[C@H](c1cccc1)OC2=O
vPlpro-as2-8	Z24062633	-9.7	0.269	482.447	REAL	C[C@H](OC(=O)c1ccc2c(c1)C(=O)N(C)C2=O)C(=O)Nc1ccc2c(c1)C(=O)c1ccc1C2=O
vPlpro-as2-9	Z1306303559	-9.6	0.3	431.451	REAL	C[C@H](c1ccc2c(c1)C(=O)N(C)C2=O)N(C)C(=O)ccc3ccc34)2)NC(=O)NC1=O
vPlpro-as2-10	Z1383548864	-9.6	0.291	436.47	REAL	O=C(NNc1ccc(-c2ccc2)nn1)c1ccc2c(c1)C[C@H](c1cccc1)OC2=O
vPlpro-as2-11	Z1908699121	-9.6	0.291	443.51	REAL	Cc1ccc(-c2[nH]c(Cl)(C@H)1)CC(NC(=O)c3ccc4c(=O)n5c1nc4c3)CCCC5n2)c1
vPlpro-as2-12	Z810119250	-9.6	0.3	429.45	REAL	NC(=O)c1ccc(F)c(NC(=O)C[C@H]2CC(=O)N(c3ccc4c(c3)C3ccc3c4)C2)C1
vPlpro-as2-13	Z92394424	-9.6	0.267	479.491	REAL	Cc1ccc2c(c1)O[C@H](C)C(=O)Nc3ccc4c(c3)C(=O)c3ccc3c4=O)ccc2nc1C
vPlpro-as2-14	ZINC000408567169	-9.6	0.274	473.503	ZINC	O=C1Nc2ccc2[C@@H]2[C@@H]([N+](=O)[O-])[C@H](c1ccc(OCc3ccc(F)c3)cc1)[C@@H]1CCCCN12
vPlpro-as2-15	Z1095049106	-9.5	0.264	473.495	REAL	O=C(Nc1ccc(-c2ccc3ccc3n2)[nH]1)c1nn(Cc2ccc2)cc(=O)c2ccc12
vPlpro-as2-16	Z1233511775	-9.5	0.306	438.434	REAL	Cc1ccc(NC(=O)c2ccc3c(c2)S(=O)(=O)c2ccc2C3=O)C(=O)Nc1F
vPlpro-as2-17	Z1311051704	-9.5	0.297	439.471	REAL	C[C@H]1(C2CCN(C(=O)CN3C(=O)N[C@@H]1C4C5ccc54)C3=O)CC2)NC(=O)NC1=O
vPlpro-as2-18	Z1341825286	-9.5	0.317	405.457	REAL	NC(=O)[C@H]1CCCC[C@@H]1NC(=O)c1ccc(NC(=O)c2ccc3c1)nc3c2c1
vPlpro-as2-19	Z1342001023	-9.5	0.328	403.413	REAL	C[C@H]1(C2CCN(C(=O)Nc3ccc4c(c3)F)CC(C(=O)N4)C2)NC(=O)NC1=O
vPlpro-as2-20	Z1555220899	-9.5	0.339	394.817	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc(-c2ccc3c(c2)CCO3)c1
vPlpro-as2-21	Z1555221295	-9.5	0.317	420.811	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc(N2C(=O)c3ccc3C2=O)c1
vPlpro-as2-22	Z1555224002	-9.5	0.317	420.811	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc(N2C(=O)c3ccc3C2=O)c1
vPlpro-as2-23	Z1555233322	-9.5	0.365	363.803	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc2c(c1)-c1ccc1C2
vPlpro-as2-24	Z1576368580	-9.5	0.288	440.462	REAL	Cc1cccc1Cn1c(NC(=O)c2cc(C)c3(=O)N)H1c(O)nc3n2)ccc2c1
vPlpro-as2-25	Z1843805410	-9.5	0.297	448.502	REAL	O=C(NS(=O)(=O)c1ccc2ccc2c1)c1ccc2c(c1)S(=O)(=O)nc2c1)CCCC3
vPlpro-as2-26	Z1846547768	-9.5	0.297	428.407	REAL	O=C(Nc1ccc(-c2ccc3ccc3o2)[nH]1)c1c[nH]nc1-c1ccc2c(c1)OC2=O
vPlpro-as2-27	Z1891420891	-9.5	0.297	431.451	REAL	CCc1ccc(C(C)C)c2ncc(-c3c[nH]n4c3nc(=O)c3ccc34)n2)cc1OC
vPlpro-as2-28	Z3094324441	-9.5	0.328	393.421	REAL	Cn1c([C@H]2C3ccc(F)ccc3NC2=O)nn1N1CCc2ccc(F)cc2C1
vPlpro-as2-29	Z66691734	-9.5	0.279	455.509	REAL	C[C@H](OC(=O)c1ccc2c(c1)C[C@H](c1ccc1)OC2=O)Nc1ccc2c(c1)C(=O)Nc1C
vPlpro-as2-30	Z87493126	-9.5	0.257	486.538	REAL	O=C(N[C@H](c1cccc1)c1nn[nH]1)c1cc(-c2ccc2)nc2c1nn2c1ccc1
vPlpro-as2-31	Z96789853	-9.5	0.257	499.525	REAL	CC[C@H]1(c2ccc2)NC(=O)N(NC(=O)CN2C(=O)N[C@@H]1(C)C(=O)c3ccc4ccc34)C2=O)C1=O
vPlpro-as2-32	ZINC000009111256	-9.5	0.306	413.476	ZINC	C[C@H](c1ccc1)N1C(=O)NC(=O)[C@H]2(Cc3c4ccc4ccc3N(C)C2)C1=O
vPlpro-as2-33	ZINC000408563977	-9.5	0.271	473.503	ZINC	O=C1Nc2ccc2[C@@H]2[C@@H]([N+](=O)[O-])[C@H](c1ccc(OCc3ccc3F)cc1)[C@@H]1CCCCN12
vPlpro-as2-34	PV-001798547283	-9.4	0.276	458.492	REAL	CCc1ccc(NC(=O)c2cc(-c3ccc(F)cc3)nc2-c2ccc(C)c2)cc(C)N=O)c1
vPlpro-as2-35	PV-001801548796	-9.4	0.324	434.257	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc(-c2ccc(C)F)c2)cc1CCC2
vPlpro-as2-36	PV-001801549308	-9.4	0.324	450.712	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc(-c2ccc(C)F)c2)cc1CCC2
vPlpro-as2-37	PV-001806954558	-9.4	0.303	442.397	REAL	NC(=O)c1ccc(F)c(F)ccc1NC(=O)c1ccc2c(c1)S(=O)(=O)c1ccc1C2=O
vPlpro-as2-38	PV-001817117737	-9.4	0.313	409.391	REAL	Cc1ccc2c(c1)C(=O)O[C@H](C)C(=O)Nc1ccc(-c3ccc(F)c(F)c3)n1)C2=O
vPlpro-as2-39	PV-001826077043	-9.4	0.285	454.432	REAL	O=C(Nc1ccc(CNC(=O)[C@H](CO)NC(=O)c1ccc(F)nc1)c1ccc(F)cc1
vPlpro-as2-40	PV-001829757973	-9.4	0.285	444.498	REAL	CN(C)c1ccc(CO)c2ccc(NC(=O)c3ccc(-c4nn(C)c4)c3)c2)nc(=N)nH1
vPlpro-as2-41	PV-001834388437	-9.4	0.336	386.407	REAL	C[C@H]1(C(=O)N2CC[C@@H]1(C)C(=O)N(C)C(=O)C2)Oc2ccc2NC1=O
vPlpro-as2-42	PV-001850780549	-9.4	0.324	394.342	REAL	Cn1c(O)c2c(C(=O)N(C)C(=O)C[C@H]3(C)C(=O)Nc4ccc4C3=O)ccc21
vPlpro-as2-43	PV-001871635223	-9.4	0.313	410.472	REAL	Cc1ccc2c(c1)C(=O)O[C@H](C)C(=O)N[C@H]1CCCN(Cc3ccc(C)cc(=O)nH)3)C1C2
vPlpro-as2-44	PV-001880465236	-9.4	0.294	448.546	REAL	O=C(Cc1ccc(-c2ccc2)cs1)N(NC(=O)c1ccc(C(=O)N)N2CCCCC2)C1
vPlpro-as2-45	PV-001914591406	-9.4	0.348	397.787	REAL	C[C@H]1(c2ccc(C)F)F)cc2)CCN1c1nc(C)nc2n(O)nH)12
vPlpro-as2-46	PV-001950481491	-9.4	0.285	451.481	REAL	CC1(C)COc2ccc(NC(=O)Nc3ccc(C[C@@H]1C)NC(=O)N4C=O)c3ccc2NC1=O
vPlpro-as2-47	PV-001950692474	-9.4	0.348	432.233	REAL	O=C1COc2ccc(NC(=O)N[C@H]3Cc4cc(Br)nc4NC3=O)c2N1
vPlpro-as2-48	PV-001950837724	-9.4	0.324	399.406	REAL	C[C@H]1(c2ccc(NC(=O)N3CC[C@@H]1c4cc(=O)nH)1c4)C3)COC(=O)N1
vPlpro-as2-49	Z1004366854	-9.4	0.269	467.528	REAL	Cc1ccc(C(=O)Nc2ccc(CNC(=O)NCC(=O)N)Nc3ccc4ccc34)c2)cc1
vPlpro-as2-50	Z1014390962	-9.4	0.254	499.609	REAL	O=C(NC1CCN(C(=O)c2ccc2)CC1)[C@H]1C[C@H](C2)C[C@@H]1C2N1C(=O)c1ccc2ccc2c1
vPlpro-as2-51	Z1074810042	-9.4	0.269	469.539	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)Nc4ccc5ccc4)CC5)CC3)cc2NC1=O
vPlpro-as2-52	Z1074879778	-9.4	0.261	487.558	REAL	Cc1ccc(Nc(-c2ccc(NC(=O)N3CCC(C(=O)c4ccc5c4)NC(=O)[C@H](C)O5)CC3)c2)n1
vPlpro-as2-53	Z1116925916	-9.4	0.261	479.491	REAL	Cc1[nH]c1(-c2ccc2)nc1C(=O)O[C@H](C)C(=O)Nc1ccc2c(c1)C(=O)c1ccc1C2=O
vPlpro-as2-54	Z1132160593	-9.4	0.294	433.467	REAL	C[C@H]1Oc2ccc(NC(=O)N3CCC(c4nc(-c5ccc5)no4)CC3)cc2NC1=O
vPlpro-as2-55	Z1242104040	-9.4	0.336	378.366	REAL	Cc1ccc(-c2ccc2F)nc1C(=O)N[C@H](c1ccc1)c1nnn1H1
vPlpro-as2-56	Z1270029508	-9.4	0.285	449.445	REAL	Cc1ccc(C(=O)Nc2cc(-c3nnc4n3)CCCC4)ccc2F)nc2(O)nH)1c(=O)c12
vPlpro-as2-57	Z1333760456	-9.4	0.313	397.481	REAL	O=C(NNc1ccc(-c2ccc2)nc2c1)C[C@H]1(C)C(=O)Nc2ccc2c1)C2=O
vPlpro-as2-58	Z1410595931	-9.4	0.303	419.484	REAL	NC(=O)[C@H]1CCCC[C@@H]1NC(=O)c1ccc(NC(=O)c2ccc3[nH]nc3c2)c1
vPlpro-as2-59	Z1413476503	-9.4	0.285	445.453	REAL	Cn1c(NC(=O)CN2C(=O)N[C@@H]1(C)C(=O)c3ccc4ccc43)C2=O)nc2c(F)ccc21
vPlpro-as2-60	Z1613253586	-9.4	0.294	434.455	REAL	C[C@H]1(C2CCN(C(=O)Nc3ccc4nc(-c5ccc5)oc4c3)CC2)NC(=O)NC1=O
vPlpro-as2-61	Z1681528804	-9.4	0.285	434.458	REAL	O=C(CCC(=O)c1ccc2ccc3ccc4ccc1c2c34)NNc1nnc2n[nH]12
vPlpro-as2-62	Z1723439126	-9.4	0.294	446.897	REAL	C[C@H](NC(=O)c1ccc(-c2ccc3[nH]c(=O)n(C)c3c2)c1)c1ccc2c(c1)C(=O)Nc2ccc2[nH]1
vPlpro-as2-63	Z1723442805	-9.4	0.285	440.462	REAL	C[C@H](NC(=O)c1ccc(-c2ccc3[nH]c(=O)n(C)c3c2)c1)c1ccc2c(c1)C(=O)Nc2ccc2n1
vPlpro-as2-64	Z172351122	-9.4	0.261	480.475	REAL	Cc1ccc(-c2ccc2)nc1C(=O)O[C@H](C)C(=O)Nc1ccc2c(c1)C(=O)c1ccc1C2=O
vPlpro-as2-65	Z1768170280	-9.4	0.294	446.446	REAL	O=C(NS(=O)(=O)c1ccc(-c2nnc2)nc1)c1ccc2[nH]c3ccc3c(=O)c2c1
vPlpro-as2-66	Z1843807546	-9.4	0.303	429.455	REAL	O=C(NS(=O)(=O)c1ccc2ccc2c1)c1ccc2[nH]c3ccc3c(=O)c2c1
vPlpro-as2-67	Z2167347380	-9.4	0.303	424.431	REAL	C[C@H]1Oc2ccc(NC(=O)N3CCC(c4ncc5cc(F)ccc45)C3)cc2NC1=O
vPlpro-as2-68	Z2196044717	-9.4	0.285	445.482	REAL	Cc1ccc(O)nH)1c2ccc(C(=O)Nc3ccc(OCc4nnc(N)nc(N)C4)c3)cc12
vPlpro-as2-69	Z2233592864	-9.4	0.324	385.382	REAL	O=C1O[C@H](C(=O)Nc2cc(-c3ccc4ccc4n3)nH)2)C2ccc2c1
vPlpro-as2-70	Z2524828114	-9.4	0.276	458.56	REAL	C[C@H]1(c2ccc(C(=O)N3(C)C[C@H]3(C)C[C@H]3(C)C5ccc5)C1)C(=O)Nc2ccc21
vPlpro-as2-71	Z3094324410	-9.4	0.324	395.412	REAL	Cn1c([C@H]2C3ccc(F)ccc3NC2=O)nn1N1CCc2ccc(F)cc2C1
vPlpro-as2-72	Z804197044	-9.4	0.285	436.474	REAL	O=C(Nc1ccc(-c2nnc2)nc1)[C@H]1(C)C(=O)Nc2ccc2c1)C2=O
vPlpro-as2-73	Z817512642	-9.4	0.261	493.546	REAL	C[C@H]1(c2ccc(NC(=O)c3ccc(-c4ncc5ccc54)nc4c3)C2)NC(=O)NC1=O
vPlpro-as2-74	Z827905556	-9.4	0.313	440.862	REAL	NC(=O)c1ccc(C)ccc1NC(=O)c1ccc2c(c1)S(=O)(=O)c1ccc1C2=O
vPlpro-as2-75	Z828086234	-9.4	0.285	443.51	REAL	C[C@H](NC(=O)c1ccc(NC(=O)c2ccc3[nH]nc3c2)c1)c1nnc2n1)CCCCC2
vPlpro-as2-76	Z89989485	-9.4	0.269	486.547	REAL	CCN(C(=O)COC(=O)c1ccc2c(c1)C[C@H](c1ccc1)OC2=O)c1ccc2ccc2s1
vPlpro-as2-77	Z920840756	-9.4	0.313	397.433	REAL	Cc1ccc(NC(=O)c2ccc3c(c2)C[C@H](c1ccc2)OC3=O)c2[nH]nc12
vPlpro-as2-78	Z929407976	-9.4	0.294	425.487	REAL	Cc1ccc(C(N)O)c1NC(=O)[C@H]1CC(=O)Nc2ccc3c(c2)C3ccc2c3)C1
vPlpro-as2-79	Z941828156	-9.4	0.303	415.456	REAL	C[C@H](NC(=O)c1ccc(NC(=O)c2ccc3[nH]nc3c2)c1)c1nnc2n1)CCCC2
vPlpro-as2-80	Z956278970	-9.4	0.348	363.38	REAL	O=C(N[C@H](c1ccc1)c1nnn1H1)c1ccc(N2CCN2)C1=O
vPlpro-as2-81	Z956279018	-9.4	0.336	442.251	REAL	O=C(N[C@H](c1ccc1)c1nnn1H1)c1nnc(-c2ccc2F)cc1Br
vPlpro-as2-82	ZINC00008444419	-9.4	0.324	390.37	ZINC	C/C(=N)Nc1ccc2ccc3[nH]c2n1)c1nnc(-c2nnc2)Nc1
vPlpro-as2-83	ZINC00012360280	-9.4	0.285	431.45	ZINC	O=C1Nc2ccc2[C@@H]2[C@@H]1c1ccc1C(=O)Nc2ccc2c1)ccc1ccc12
vPlpro-as2-84	ZINC000107176340	-9.4	0.276	451.525	ZINC	Cc1ccc2c(c1)NC(=O)[C@H]2[C@@H](C)Nc3ccc4ccc43)C(=O)[C@H]2(C)C[C@@H]2)C[C@@H]2)cc1
vPlpro-as2-85	ZINC000408569802	-9.4	0.269	473.503	ZINC	O=C1Nc2ccc2[C@@H]2[C@@H]([N+](=O)[O-])[C@H](c1ccc(OCc3ccc(F)cc3)cc1)[C@@H]1CCCCN12
vPlpro-as2-86	PV-001798358790	-9.3	0.31	430.841	REAL	Cc1ccc(NC(=O)c2nnc(-c3ccc(C)F)cc3)C2CCC3c(C)N(C)O)cc1F
vPlpro-as2-87	PV-001801549732	-9.3	0.3	456.909	REAL	NC(=O)c1nc(Cl)ccc1NC(=O)c1ccc2c(c1)S(=O)(=O)c1ccc1C2=O
vPlpro-as2-88	PV-001808957571	-9.3	0.291	450.493	REAL	Cc1nnc(NC(=O)c2ccc3ccc3c2)NS(C(=O)O)cc(-c2ccc(F)cc2)n1
vPlpro-as2-89	PV-001810356674	-9.3	0.31	420.444	REAL	Cc1ccc(NC(=O)c2ccc3c(c2)S(=O)(=O)c2ccc2C3=O)cc(C(N)O)c1
vPlpro-as2-90	PV-001810357670	-9.3	0.321	396.396	REAL	Cc1ccc(NC(=O)c2nnc(-c3ccc(F)c(F)c3)c2)C3C2)C3)cc(C)N=O)c1
vPlpro-as2-91	PV-001810731842	-9.3	0.31	420.444	REAL	Cc1ccc(C(N)O)c1NC(=O)c1ccc2c(c1)S(=O)(=O)c1ccc2C3=O)c1
vPlpro-as2-92	PV-001829124324	-9.3	0.3	421.452	REAL	Cc1ccc2c(c1)C(=O)O[C@H](C)C(=O)Nc1ccc(C[C@H]3(C)NC(=O)N3=O)C1C2
vPlpro-as2-93	PV-001829759358	-9.3	0.291	451.51	REAL	CN(C)c1ccc(CO)c2ccc(NC(=O)c3ccc4c(c3)OC(F)O4)c2)nc(=N)nH1
vPlpro-as2-94	PV-001829760146	-9.3	0.291	444.397	REAL	CN(C)c1ccc(CO)c2ccc(NC(=O)c3ccc4c(c3)OC(F)O4)c2)nc(=N)nH1
vPlpro-as2-95	PV-001834243815	-9.3	0.332	391.817	REAL	NC(=O)c1ccc(Cl)ccc1NC(=O)c1ccc(-c2nnc3)H)ccc3c2)cc1
vPlpro-as2-96	PV-001852481239	-9.3	0.282	456.541	REAL	C[C@H](O)[C@H](NC(=O)C1CCCC1)C(=O)Nc1ccc(N2C(=O)N3(C)CC3)C2=O)c1
vPlpro-as2-97	PV-001863327318	-9.3	0.358	347.341	REAL	O=C(N[C@H](c1ccc1)c1nnn1H1)c1ccc(-c2nnc2)F)cc1
vPlpro-as2-98	PV-001863327977	-9.3	0.291	429.483	REAL	CC(C)c1ccc(OCc2ccc2)c(C(=O)N)C[C@H](c1ccc2c(c1)C(=O)Nc2ccc2)nc2n[nH]2n1
vPlpro-as2-99	PV-001942086262	-9.3	0.282	455.557		

Name	Catalog ID	Score	LE	MW	Library	SMILES
vMpro-mpriol-1	Z735794618	-9.1	0.303	415.516	REAL	O=C(C[C@H]1S/C(=Nc2ccc3c(e2)CCC3)NC1=O)Nc1ccc2ccc2c1
vMpro-mpriol-2	Z1957164301	-8.8	0.267	444.486	REAL	CC1(C)C(C)=C(c2ccc3c(e2)NC(=O)CO3)C(=O)C=C(c2ccc3c(e2)NC(=O)CO3)C1
vMpro-mpriol-3	Z144904151	-8.7	0.256	448.564	REAL	O=C(NC(C)[C@H]1C[C@@H]2C[C@@H]3[C@H]1)C1=CC=C(C=C1)N(C)C(C)[C@H]2[C@@H]3C4C[C@@H]2)C1=O
vMpro-mpriol-4	Z1739548330	-8.7	0.272	428.534	REAL	Cc1nc2c2cc(NC(=O)N3C[C@H]1[C@@H]2[C@@H]3C[C@@H]1)C1=CC=C(C=C1)Nc1ccc2ccc2c1
vMpro-mpriol-5	Z1839408167	-8.7	0.264	448.478	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)C)[C@H]1C4C[C@@H]5C[C@@H]4)C3)C2=O
vMpro-mpriol-6	Z2093731375	-8.7	0.264	446.462	REAL	O=C1NC(=O)C2(CCC(NC(=O)c3ccc(CN4C(=O)c5ccc(C4=O)c3)CC2)N1
vMpro-mpriol-7	Z744861644	-8.7	0.256	457.532	REAL	O=C(NNC(=O)N1CCN(CC(=O)N2CC3c3ccc32)C1)c1ccc2ccc2e1
vMpro-mpriol-8	Z955807442	-8.7	0.235	499.565	REAL	O=C(NNC(=O)[C@H]1[C@H]2CC[C@H]1)C1=CC=C(C=C1)Nc1ccc2ccc2c1
vMpro-mpriol-9	Z1069485244	-8.6	0.239	488.582	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)C)C(=O)c4ccc5c(e4)CC5)C3)C2=O
vMpro-mpriol-10	Z1161081819	-8.6	0.232	494.553	REAL	C[C@H]1(c2ccc3ccc3e2)NC(=O)N(C)C(=O)Nc2ccc(-c3nnc4n3CCCC4)cc2)C1=O
vMpro-mpriol-11	Z1170164505	-8.6	0.253	448.485	REAL	O=C1N[C@H]2(Cc2ccc(-c3ccc(Cn4c5ccc54)c3)no2)Nc2ccc12
vMpro-mpriol-12	Z1312817858	-8.6	0.277	411.504	REAL	CN1CCC(=O)Nc2ccc(C(=O)N3C4c4ccc44)C[C@H]1(c4ccc44)C3)cc21
vMpro-mpriol-13	Z1329925738	-8.6	0.287	403.481	REAL	Cc1ccc2c(c1)N(C(=O)c1ccc3c(e1)nc4nc31)CCCC4)C1C@H]2(C)O2
vMpro-mpriol-14	Z1631362590	-8.6	0.269	435.433	REAL	Cc1ccc(F)c2nc(O)ccc(C(=O)N)C1[C@H]3CC4nnc(-c5ccc(F)cc5)n4C3)c2c1
vMpro-mpriol-15	Z1733801359	-8.6	0.269	427.55	REAL	Cc1nc(C[C@H]2CCCN(C(=O)N)C1[C@H]3CC4c5ccc5C3c3ccc34)C2)n1nH1
vMpro-mpriol-16	Z1983285517	-8.6	0.297	395.433	REAL	O=C1N[C@H]2(C[C@H]3C[C@H]2)C[C@H]3)C1=O)N1Cc1ccc(-c2ccc(F)c2)n1
vMpro-mpriol-17	Z2233377075	-8.6	0.261	446.456	REAL	C[C@H]1(NC(=O)c2ccc(F)ccc23)CCN(C(=O)c2ccc(F)ccc23)C1
vMpro-mpriol-18	Z238167628	-8.6	0.239	492.524	REAL	C[C@H]1(c2ccc(F)cc2)N(C(=O)N)CC(=O)N2CCN(Cc3ccc4ccc34)CC2)C1=O
vMpro-mpriol-19	Z70913644	-8.6	0.239	482.578	REAL	CN1CCC2(CC1)C[C@H]1(NC(=O)c1ccc3c(e1)C1[C@H]1c1ccc1)OC3=O)c1ccc1O2
vMpro-mpriol-20	Z735794652	-8.6	0.297	407.493	REAL	CC(=O)c1ccc(NC(=O)C[C@H]2S/C(=N/c3ccc4c(e3)CCC4)N2=O)c1
vMpro-mpriol-21	ZINC00002256624	-8.6	0.261	459.911	ZINC	Cc1ccc(C(=O)N=C2=NN3C(=N(C4ccc(C1)cc=C[C@H]3)3ccc(F)cc3)N2)cc1
vMpro-mpriol-22	ZINC000017988176	-8.6	0.215	521.571	ZINC	O=C(O)c1ccc2ccc2c1)C1=CC=C(C=C1)N(C)C(=O)C2=C4C3c3ccc32)c1
vMpro-mpriol-23	ZINC000019782240	-8.6	0.253	461.648	ZINC	CC1(C)C[C@H]2(CCCN(Cc3nc4e(e1)nc[nH]3)C3)CCCC3)C3c3ccc34)C2)CCO1
vMpro-mpriol-24	ZINC000101835312	-8.6	0.269	421.503	ZINC	Cc1ccc(C(=O)Nc2nc3n(n2)[C@H]1c2ccc(F)cc2)C=C(c2ccc(C)cc2)N3)cc1
vMpro-mpriol-25	ZINC000101836350	-8.6	0.261	439.493	ZINC	Cc1ccc(C(=O)Nc2nc3n(n2)[C@H]1c2ccc(F)cc2)C=C(c2ccc(C)cc2)N3)cc1
vMpro-mpriol-26	ZINC000408966831	-8.6	0.253	445.521	ZINC	Cn1cc(C=C/N2C(=O)C[C@H]3(C)C@H]1(C2=O)C2c4ccc4C3c3ccc32)c2ccc21
vMpro-mpriol-27	PV-001813621319	-8.5	0.274	434.377	REAL	Cn1ccc2e(e1)nc(NC(=O)C[C@H]3CC(=O)N(C4ccc(C(F)F)F4)C3)nH2)cc1
vMpro-mpriol-28	PV-001841355465	-8.5	0.266	430.482	REAL	Cc1ccc(-c2cc(C(=O)N)NC(=O)C2)ccc(F)cc4ccc34)nH2)cc1
vMpro-mpriol-29	PV-001866699826	-8.5	0.283	418.458	REAL	CC1(C)[C@H]2(c2ccc(C(F)F)F)C2)CCN1C(=O)c1ccc(-c2ccc(C)cc2)C1=O
vMpro-mpriol-30	PV-001880912833	-8.5	0.315	359.388	REAL	Cc1ccc(-c2nnc(NC(=O)Cc3ccc4ccc4e(e1)nc[nH]3)nH2)cc1
vMpro-mpriol-31	Z1007201180	-8.5	0.236	486.526	REAL	C[C@H]1(c2ccc(CNC(=O)C[C@H]3CCN3C(=O)c3ccc4ccc43O)c2)NC(=O)NC1=O
vMpro-mpriol-32	Z1210043489	-8.5	0.266	433.546	REAL	C[C@H]1c2ccc(cc2)C(CCC2)CN1C(=O)C[C@H]1OCCc2ccc21)OCCO3
vMpro-mpriol-33	Z1251851504	-8.5	0.304	373.426	REAL	O=C(C[C@H]1C[C@H]2C[C@H]1)N1CC=C(C2)C1
vMpro-mpriol-34	Z1274012075	-8.5	0.258	448.517	REAL	Cc1cc2c(c1)O[C@H]1(C(=O)N)CCC(C(=O)c3ccc4c(e3)NC(=O)C[C@H]2(C)O4)CC1
vMpro-mpriol-35	Z1282626410	-8.5	0.266	428.491	REAL	O=C(NNC(=O)c1ccc2ccc2c1)N(C)[C@H]1CC(=O)N1[C@H]2(C)[C@H]2c2ccc2)C1
vMpro-mpriol-36	Z1450310091	-8.5	0.266	427.546	REAL	Cc1ccc(CNC(=O)C2CCN(C(=O)c3ncc(-c4ccc(C)cc4)c3)C2)cc1
vMpro-mpriol-37	Z1466534626	-8.5	0.274	419.531	REAL	C[C@H]1CN(C(=O)N)C[C@H]2(C)C(C)C(C)C3c3ccc32)CCN1C1ncc2nnc12
vMpro-mpriol-38	Z1682770450	-8.5	0.274	415.456	REAL	Nc1nc(C2ncc(-c3ccc4c(e3)O)CCCC4)2)nc(Nc2ccc2)n1
vMpro-mpriol-39	Z1682772382	-8.5	0.266	429.483	REAL	Nc1nc(C2ncc(-c3ccc(C[C@H]4CCOC4)3)nc(Nc2ccc2)n1
vMpro-mpriol-40	Z1685085222	-8.5	0.25	449.669	REAL	O=C1C[C@H]2(c2nc(-c3ccc4[nH]c(e1)nc[nH]4)4c3)no2)CN1c1ccc2e(c1)Cc1ccc1-2
vMpro-mpriol-41	Z1704439649	-8.5	0.266	428.53	REAL	C[C@H]1CCN(C(=O)C)CCN(C(=O)c3ccc4ccc43)CC2)2c(O)ccc21
vMpro-mpriol-42	Z1723445137	-8.5	0.236	479.542	REAL	Cn1c(e1)nc[nH]2ncc(-c3ccc(C(=O)N4CC(C)C[C@H]1)5n[nH]1e(-c6ccc6n5)C4)c3)cc21
vMpro-mpriol-43	Z1739749623	-8.5	0.266	423.435	REAL	Cn1c(e1)nc[nH]2ncc(-c3ccc(-c4nc(Ce5[nH]6nccc56)no4)c3)cc21
vMpro-mpriol-44	Z2001060769	-8.5	0.25	447.497	REAL	O=C1C[C@H]2(c2nc(Cc3ccc4[nH]ncc43)no2)CN1c1ccc2e(c1)Cc1ccc1-2
vMpro-mpriol-45	Z2087242474	-8.5	0.266	436.302	REAL	O=C1N[C@H]2(c2ccc3ccc32)C(=O)N1c1ccc(-c2ccc(C(F)F)F)cc2)n1
vMpro-mpriol-46	Z2233591161	-8.5	0.304	371.399	REAL	O=C(Nc1ccc(-c2ccc3ccc3n2)nH1)1)C[C@H]1OCC2ccc2c1
vMpro-mpriol-47	Z2370152275	-8.5	0.293	387.442	REAL	CC1(C)C[C@H]2(c2nc(Cc3nc(-c4ccc44)nH3)no2)c2ccc21
vMpro-mpriol-48	Z3094405269	-8.5	0.283	399.453	REAL	Cn1c(-c2ccc3ccc3nH1)3)2)nc1N1CC(C)C[C@H]2(C)C1=O
vMpro-mpriol-49	Z806191076	-8.5	0.243	471.52	REAL	O=C(Cn1nnc1)N1CCN(C(=O)C[C@H]2(C)C(=O)N1C3ccc4c(e3)C3c3ccc34)C2)CC1
vMpro-mpriol-50	Z920796942	-8.5	0.25	451.525	REAL	O=C(NC1C(=O)N)C[C@H]2(C)C(C)C(C)C1=O)N1CC=C(C2)C1
vMpro-mpriol-51	Z924791026	-8.5	0.283	402.496	REAL	Cc1nc(-c2ccc(NC(=O)N)C[C@H]3CC(C)C(C)C4ccc43)cc2)cc(O)nH1
vMpro-mpriol-52	Z961874654	-8.5	0.266	477.527	REAL	Cc1ccc1-e1cc(NC(=O)c2ccc(C(=O)Nc3ccc(-c4ccc4C)nH3)2)nc[nH]1
vMpro-mpriol-53	ZINC000002249520	-8.5	0.243	489.912	ZINC	OC/C=C(c1ccc(F)cc1)=N(C1=NN2C(=N(C3ccc(C1)cc=C[C@H]2)2ccc(F)cc2)N1
vMpro-mpriol-54	ZINC000100891431	-8.5	0.266	445.884	ZINC	O=C(Nc1nc2n1)1)C[C@H]1(c1ccc1)C=C(c1ccc(C1)N2)c1ccc(F)cc1
vMpro-mpriol-55	PV-001795683452	-8.4	0.255	449.549	REAL	Cc1ccc(Cc2=NO)C[C@H]1(C(=O)N)C3ccc(C(=O)N4)C[C@H]1(C)O)C[C@H]1(C)C4)cc3)C2)c1
vMpro-mpriol-56	PV-001795949565	-8.4	0.323	366.851	REAL	O=C(C[C@H]1)C2c2ccc2C1)Nc1ncc(-c2ccc(C1)2)nH1
vMpro-mpriol-57	PV-001816830401	-8.4	0.311	423.309	REAL	Cc1ccc(C2=NO)C[C@H]1(C(=O)N)C3ccc(Br)4ccc43)C2)cc1
vMpro-mpriol-58	PV-001817114279	-8.4	0.262	432.429	REAL	O=C(CCN(C(=O)c1ccc2ccc2e1)Nc1ccc(-c2ccc(F)F)cc2)n1
vMpro-mpriol-59	PV-001827574151	-8.4	0.271	435.953	REAL	O=C(NC(C(=O)N)CCC(c2ccc3ccc32)CC1)Nc1ccc(C1)cc1
vMpro-mpriol-60	PV-001852481517	-8.4	0.262	445.44	REAL	Cc1ccc(C(=O)Nc2ccc(N3C(=O)NC4(CCC4)C3=O)c2)cc1(C(F)F)F
vMpro-mpriol-61	PV-001867454921	-8.4	0.255	444.505	REAL	O=C(CCN(C(=O)C)CCN(C(=O)C=C(c2ccc2)CC1)c1ccc(F)cc2)ccc12
vMpro-mpriol-62	PV-001880913380	-8.4	0.271	412.492	REAL	Cc1ccc(-c2nnc(NC(=O)C)C3ccc(O)C4ccc(C)4)c3)nH2)cc1
vMpro-mpriol-63	PV-001884141760	-8.4	0.323	362.819	REAL	O=C(Cc1ccc2ccc2)Nc1nc(-c2ccc(C1)2)nH1
vMpro-mpriol-64	PV-001893362365	-8.4	0.3	413.263	REAL	O=C(Cc1cc(C)cc2ccc2)Nc1nnc(-c2ccc(O)c(C1)2)nH1
vMpro-mpriol-65	PV-001918402502	-8.4	0.28	400.528	REAL	Cc1cc(C)cc(C2=CCN(C[C@H]1(C)C3nc(N)nc(Nc4ccc4n3)CC2)c1
vMpro-mpriol-66	PV-001943424279	-8.4	0.255	458.439	REAL	O=C(Nc1ccc(-c2ccc2)on1)N[C@H]1CCCN(Cc2ccc(C(F)F)F)cc2)C1=O
vMpro-mpriol-67	PV-001945276015	-8.4	0.29	388.43	REAL	Cc1ccc(C)cc(-c2cc(NC(=O)N)C3nnc(-c4ccc4)no3)nH2)cc1
vMpro-mpriol-68	PV-001955706252	-8.4	0.255	455.42	REAL	C[C@H]1(c2ccc(CNC(=O)N)C3ccc(-c4ccc(F)cc4)3)no2)NC(=O)NC1=O
vMpro-mpriol-69	Z1014458650	-8.4	0.233	484.598	REAL	C[C@H]1(Cc1n[nH]1)C(=O)c2ccc(12)Nc1nnc(-c2ccc(Br)cc2)nH1
vMpro-mpriol-70	Z1091072178	-8.4	0.311	425.245	REAL	O=C(Nc1nnc(C(F)F)F)nH1)1)C1c2c(nc3ccc13)C(C=C1)ccc3e(c1)OCC3)CC2
vMpro-mpriol-71	Z1097147018	-8.4	0.24	479.417	REAL	Cc1ccc2c1C[C@H]2N(C(=O)C[C@H]1)CCCN(C2ncc2)C(F)F)F)C1
vMpro-mpriol-72	Z1129712783	-8.4	0.29	403.447	REAL	C[C@H]1CN(C(=O)c2ccc3c(e2)C[C@H]1c2ccc2)OC3=O)c2ccc2O1
vMpro-mpriol-73	Z1173530296	-8.4	0.28	399.445	REAL	Cc1ccc(CNC(=O)C2CCN(C(=O)C)[C@H]3(C)C[C@H]3c3ccc4ccc43)CC2)cc1
vMpro-mpriol-74	Z1322887690	-8.4	0.262	426.558	REAL	Cc1ccc(-c2cc(C(=O)N)NC(=O)Nc3ccc4ccc43)C[C@H]2)cc1
vMpro-mpriol-75	Z1438518877	-8.4	0.28	399.453	REAL	Cc1ccc2e(e1)nc[nH]1(COC(=O)c3ccc(S(=O)(=O)N4CC5C5ccc54)c3)nc12
vMpro-mpriol-76	Z148969640	-8.4	0.24	489.551	REAL	O=C1N[C@H]2(C)C[C@H]3(C)C[C@H]3C4c4ccc4243)nc2ccc12
vMpro-mpriol-77	Z1544877647	-8.4	0.336	330.39	REAL	O=C(Cc1cc2cc(c3ccc32)o1)Nc1Nc2ccc22)nH1
vMpro-mpriol-78	Z1563969320	-8.4	0.311	356.384	REAL	O=C1(C)[C@H]2c3ccc3CCN2C(=O)N1CCN(Cc2ccc(-c3ccc3n2)CC1
vMpro-mpriol-79	Z1612409440	-8.4	0.255	442.517	REAL	O=C(NC1ccc2c1)C(=O)N2C1c1ccc(NC(=O)C[C@H]2)C3c3ccc32)C1
vMpro-mpriol-80	Z1667259234	-8.4	0.255	441.486	REAL	O=C(NC1ccc2c1)C(=O)N2C1c1ccc(NC(=O)C[C@H]2)C3c3ccc32)C1
vMpro-mpriol-81	Z1671353188	-8.4	0.255	444.533	REAL	O=C(Cc1ccc2ccc2)N(NC(=O)N)C1ccc(NC(=O)C2CC3CC2)cc1
vMpro-mpriol-82	Z1671628574	-8.4	0.262	426.475	REAL	Cc1ccc(C2ncc(NC(=O)N)NC(=O)c3ccc4ccc43)c2=O)c1
vMpro-mpriol-83	Z1674151959	-8.4	0.262	430.51	REAL	O=C1NCCc2ccc(CNC(=O)N3CC(C)C[C@H]1)4n[nH]1(-c5ccc5n4)C3)cc21
vMpro-mpriol-84	Z1676450116	-8.4	0.255	441.49	REAL	Cn1nc(CNC(=O)CN2C(=O)N)C[C@H]1(C)C3ccc4ccc43)C2=O)c2ccc21
vMpro-mpriol-85	Z1682409982	-8.4	0.262	444.514	REAL	Cc1ccc2c(C3nnc(-c4cc(Cc5ccc5)ccc4O)n3)nH2)cc1
vMpro-mpriol-86	Z1682771434	-8.4	0.28	399.413	REAL	Cc1ccc2cc(-c3nc(C4nc(N)nc(Nc5ccc5n4)no3)no2)cc12
vMpro-mpriol-87	Z1715973129	-8.4	0.29	402.375	REAL	Cc1ccc2c(c1)C[C@H]1(C(=O)N)Nc1ccc(-c3ccc3C(F)F)F)n1)CO2
vMpro-mpriol-88	Z1719399387	-8.4	0.255	448.517	REAL	Cc1ccc2c(c1)C[C@H]1(C(=O)N)CCC(C(=O)c3ccc4c(e3)NC(=O)C[C@H]2(C)O4)CC1)CO2
vMpro-mpriol-89	Z1723430646	-8.4	0.247	453.457	REAL	Cn1c(e1)nc[nH]2ncc(-c3ccc(C(=O)N)NC(=O)c4ccc5ccc54O)c3)cc21
vMpro-mpriol-90	Z1723437952	-8.4	0.262	429.41	REAL	Cn1c(e1)nc[nH]2ncc(-c3ccc(C(=O)N)Nc4ccc(-c5ccc5F)no4)c3)cc21
vMpro-mpriol-91	Z1723445065	-8.4	0.271	410.436	REAL	Cn1c(e1)nc[nH]2ncc(-c3ccc(C(=O)N)Nc4ccc5ccc54)c3)cc21
vMpro-mpriol-92	Z1765050171	-8.4	0.247	449.513	REAL	O=C(c1ccc2nH1)C3ccc3c(e1)2)N1CCC(c2ncc(-c3ccc3)nH2)CC1
vMpro-mpriol-93	Z178248753	-8.4	0.255	441.577	REAL	Cc1ccc(N2CCN(C(=O)N)C[C@H]3(C)C4c5ccc5C3c3ccc34)CC2)nH1
vMpro-mpriol-94	Z186902407	-8.4	0.262	427.503	REAL	O=C(Cc1ccc1)N1CC(C)[C@H]2(C)C(=O)N1C[C@H]1(c3ccc4ccc43)C2=O)C1
vMpro-mpriol-95	Z1883096891	-8.4	0.255	437.498	REAL	O=C1N[C@H]2(C)C(Cc3ccc32)C(=O)N1CC(=O)N1C[C@H]1(c2ccc2)2ccc221
vMpro-mpriol-96	Z1891911863	-8.4	0.28	397.433	REAL	Cc1nc(-c2ccc(N3C(=O)N)C[C@H]1(c4ccc5ccc54)C3=O)c2)cc1
vMpro-mpriol-97	Z1892034646	-8.4	0.3	371.395	REAL	O=C1N[C@H]2(c2ccc2)C(=O)N1c1ccc(-c2ccc3c(e2)CCO3)c1
vMpro-mpriol-98	Z1897868293	-8.4	0.271	432.459</		

Name	Catalog ID	Score	LE	MW	Library	SMILES
vMpro-mpr01-101	Z2066206380	-8.4	0.271	430.43	REAL	Cc1onc(-c2cccnc2)c1C(=O)N1CCN(Cc2ccc(C(F)F)2)CC1
vMpro-mpr01-102	Z2071462070	-8.4	0.271	414.51	REAL	Cc1nc(-c2ccc(NC(=O)N)3C[C@H](c4ccc4)C@H)4CCC(C@H)43jcc2(=O)[nH]1
vMpro-mpr01-103	Z2145998018	-8.4	0.255	449.51	REAL	C[C@H]1Oe2ccc(C(=O)C3CCN(C(=O)N)C@H)4c5ccc5O(C@H)4C(C)3)cc2NC1=O
vMpro-mpr01-104	Z2166666151	-8.4	0.300	375.45	REAL	C[C@H]1c2(F)ccc2CCN1c1nnc1Cn2ccc3ccc32)1C
vMpro-mpr01-105	Z2166788903	-8.4	0.255	434.50	REAL	Cn1c(-c2[nH]jcc2(=O)c3ccc23)nn1N1C2ccc22[C@H](c2ccc2)C1
vMpro-mpr01-106	Z2222904009	-8.4	0.262	423.52	REAL	Cc1ccc2c(C(=O)N)3CC[C@H](NC(=O)j4ccc5ccc5e4)3)cc2c1
vMpro-mpr01-107	Z2227194367	-8.4	0.280	400.48	REAL	Cc1c(NC(=O)e2ccc3(c2)CCC3)n[nH]1NC(=O)1ccc2c(c1)CCC2
vMpro-mpr01-108	Z273919386	-8.4	0.247	451.48	REAL	O=C(Nc1ccc2nc3n(c(=O)e2)1CCC3)1ccc(CO2ccc3ccc3e2)1
vMpro-mpr01-109	Z2749929283	-8.4	0.280	395.46	REAL	O=C[C@H](c2ccc(NC3c4ccc4ccc4ccc34)cc2)NC(=O)N1
vMpro-mpr01-110	Z298859774	-8.4	0.227	491.55	REAL	O=C(N)C[C@H]1CCc2[nH]1c(=O)ccc21)c1c2c(fnc3ccc13)/C=C/C1ccc3C1OC03)CC2
vMpro-mpr01-111	Z3136368895	-8.4	0.290	389.50	REAL	Cc1ccc2c(C(=O)N)3CC4(C)C3[C@H](N)3ccc3304[nH]1c12
vMpro-mpr01-112	Z3214715191	-8.4	0.240	469.55	REAL	Cc1ccc(C(=O)N)CCn2nnc2N2CCN(C(=O)j3ccc4ccc43)CC2)cc1
vMpro-mpr01-113	Z365380428	-8.4	0.262	447.43	REAL	Cc1onc(-c2ccc(F)cc2)c1C(=O)N1CCN(Cc2ccc(C(F)F)2)CC1
vMpro-mpr01-114	Z424332426	-8.4	0.240	470.53	REAL	C[C@H]1(c2ccc(NC(=O)O)C@H)3CCN(C(=O)4ccc5ccc545)3)2)NC(=O)NC1=O
vMpro-mpr01-115	Z48966018	-8.4	0.290	403.51	REAL	Cc1ccc(N=C2NC(=O)O)C@H)1(Cc1(=O)Nc3ccc4ccc43)S2)cc1C
vMpro-mpr01-116	Z641838178	-8.4	0.280	398.42	REAL	O=C1c1nc2[nH]1c(=O)[nH]1c(=O)c2c1)N1C2ccc22[C@H](c2ccc2)C1
vMpro-mpr01-117	Z650301094	-8.4	0.240	465.55	REAL	O=C(NC1C(=O)N)C@H)2(Cc3ccc3C2)C(=O)N1C2ccc22[C@H](c2ccc2)C1
vMpro-mpr01-118	Z735794490	-8.4	0.290	429.93	REAL	COc1ccc(C)cc1NC(=O)C[C@H]1S(C(=O)Nc2ccc3(c2)CCC3)NC1=O
vMpro-mpr01-119	Z819321846	-8.4	0.240	470.57	REAL	NC(=O)e1ccc(F)cc1C(=O)N2CC[C@H]2(C(=O)N2CC(C)c3[nH]4ccc43)CC2)cc1
vMpro-mpr01-120	Z968517082	-8.4	0.247	454.49	REAL	Cc1n[nH]1c(-c2ccc(NC(=O)N)3C(=O)N)C@H)1(C)4ccc5ccc54)C3(=O)c2n1
vMpro-mpr01-121	Z997744568	-8.4	0.227	494.55	REAL	Cc1ccc(N2C(=O)C=C(N)C3ccc(C@H)4(C)NC(=O)N4)O)C3)ccc3C2=O)cc1C
vMpro-mpr01-122	ZINC000000659882	-8.4	0.221	496.57	ZINC	O=C1c1ccc(c1)ccc2c(c1)NC1=C(C(=O)C)C@H)3(c3ccc3)C1[C@H]1c3ccc3C(=O)N21
vMpro-mpr01-123	ZINC000001714466	-8.4	0.205	560.59	ZINC	O=C1C=C(Nc2ccc(S(=O)(=O)c3ccc(NC4=CC(=O)C(=O)c5ccc54)3)cc2)ccc2C1=O
vMpro-mpr01-124	ZINC000002256453	-8.4	0.247	471.92	ZINC	OC(C=C)1ccc1c1=NC1=NN2C(=NC(c3ccc(C)cc3)=C[C@H]2c2ccc(F)cc2)N1
vMpro-mpr01-125	ZINC000002401785	-8.4	0.227	489.51	ZINC	O=C(c1ccc(F)cc1)[C@H]1[C@H]2(C(=O)N1(c3ccc4ccc4c3)C(=O)C@H)2[C@H]2)3ccc3C=NN21
vMpro-mpr01-126	ZINC000008449797	-8.4	0.221	493.56	ZINC	O=C1[C@H]2[C@H]1(C(=O)N1c1ccc(Oc3ccc4ccc4c3)cc1)C1c3ccc3C2ccc22
vMpro-mpr01-127	ZINC000011838451	-8.4	0.271	435.91	ZINC	O=C(C=C)1ccc(C)1c1N1CC2nnc(CNC(=O)c3ccc3)2CC1
vMpro-mpr01-128	ZINC000013018541	-8.4	0.227	489.49	ZINC	O=C(NNC(=O)e1ccc(-n2enn2)cc1)ccc(CNC2(=O)c3ccc4ccc2c34)cc1
vMpro-mpr01-129	ZINC000017057457	-8.4	0.255	447.62	ZINC	CC1(C)C[C@H]2(CCCN(Cc3nc4(c(=O)[nH]3)C3(CCC3)C3)ccc33-4)CC2)CCO1
vMpro-mpr01-130	ZINC000021867163	-8.4	0.233	482.52	ZINC	Cc1ccc(-c2nnn3c2nc(O)2ccc(C(=O)N4CCN(c5ccc(F)cc5)C4)cc23)1C
vMpro-mpr01-131	ZINC000024963763	-8.4	0.240	494.57	ZINC	Cc1ccc(C)cc(-c2nnc(SCC(=O)N)3CCN(C(=O)O)C@H)4CO5ccc5O4(C)3)cc2)1
vMpro-mpr01-132	ZINC000032848695	-8.4	0.271	430.50	ZINC	C[C@H]1Sc1nc(-c2[nH]1ccc3c2)1)nc1Nnc(Nc2ccc2)1
vMpro-mpr01-133	ZINC000100847054	-8.4	0.262	462.34	ZINC	O=C(Nc1nc2n1)[C@H](c1ccc1)C=C(c1ccc(C)cc1)N2ccc(C)cc1
vMpro-mpr01-134	ZINC000100861439	-8.4	0.247	471.92	ZINC	O=C(C=C)1ccc(F)cc1)Nc1nc2n1)[C@H](c1ccc1)C=C(c1ccc(C)cc1)N2
vMpro-mpr01-135	ZINC000101016697	-8.4	0.262	441.92	ZINC	Cc1ccc(C(=O)Nc2nc3n2)[C@H](c2ccc2)C=C(c1ccc2)N3)cc1
vMpro-mpr01-136	ZINC000101262733	-8.4	0.262	428.45	ZINC	Cc1ccc(-c2nnc(CN3N=C@H)4(C(=O)Nc5ccc6(c5)CCC6)C(=O)C@H)4j3)cc1
vMpro-mpr01-137	ZINC000101262738	-8.4	0.262	428.45	ZINC	Cc1ccc(-c2nnc(CN3N=N)C@H)4(C(=O)Nc5ccc6(c5)CCC6)C(=O)C@H)4j3)cc1
vMpro-mpr01-138	ZINC000101835650	-8.4	0.233	493.59	ZINC	Cc1ccc(C[C@H]2C=C(c3ccc3)Nc3ncNS(=O)(=O)4ccc5ccc54)mm32)cc1
vMpro-mpr01-139	ZINC000101835741	-8.4	0.255	459.91	ZINC	Cc1ccc(C[C@H]2C=C(c3ccc(C)cc3)Nc3ncNC(=O)4ccc(F)54)mm32)cc1
vMpro-mpr01-140	ZINC000101835965	-8.4	0.271	411.46	ZINC	Cc1ccc(C2=C[C@H]1c3ccc(C)cc3)Nc3ncNC(=O)4ccc4)mm32)cc1
vMpro-mpr01-141	ZINC000101836019	-8.4	0.262	441.92	ZINC	Cc1ccc(C(=O)Nc2nc3n2)[C@H](c2ccc(C)cc2)C=C(c1ccc2)N3)cc1
vMpro-mpr01-142	ZINC000245377192	-8.4	0.227	488.54	ZINC	O=C1[C@H]2[C@H]3C=C[C@H](C)C@H)3(C)C@H)2(C(=O)N1c1ccc2c(1)-c1cc(N3C(=O)C@H)4(C)H)5C=C[C@H](C5)C[C@H]4C3=O)ccc1C2
vMpro-mpr01-143	ZINC000253412163	-8.4	0.227	489.48	ZINC	Cn1ccc(C=C2)O3c(cc4c3)C[C@H](c3ccc5ccc5c3=O)CC(=O)O4)C2=O)2ccc221
vMpro-mpr01-144	ZINC000257219292	-8.4	0.262	427.51	ZINC	Cc1ccc2[nH]1c(C(=O)N)3CCO(C)C@H)4ccc(Nc5ccc5C)Cn4)C3)cc1
vMpro-mpr01-145	ZINC000408688101	-8.4	0.221	498.58	ZINC	Cc1ccc(NC(=O)e2ccc(N3C(=O)C)C@H)4(C)C@H)3(C)3c5ccc5c54c4ccc43)2)cc1C
vMpro-mpr01-146	PV-001825233883	-8.3	0.277	416.40	REAL	Cc1ccc2[nH]1cc2c1C(=O)N1CCN(C(=O)2ccc(C(F)F)2)CC1
vMpro-mpr01-147	PV-001828294963	-8.3	0.296	405.56	REAL	CC(C)C(O)C(=O)NCCc1nc(C(=O)N)C@H)2(C)C@H)3(C)C@H)2(C)C@H)3)cc1
vMpro-mpr01-148	PV-001828578687	-8.3	0.319	407.27	REAL	O=C(Cc1ccc2ccc2)1)Nc1nnc(-c2ccc(Br)cc2)[nH]1
vMpro-mpr01-149	PV-001841353548	-8.3	0.268	416.48	REAL	Cc1ccc(-c2ccc(C(=O)N)NC(=O)c3ccc4c(c3)CC4C(=O)j[nH]2)cc1C
vMpro-mpr01-150	PV-001944455366	-8.3	0.259	455.34	REAL	O=C(NCCc1ccc2c1OC(F)F)O2)Nc1nnc(-c2nnc2C)C(F)F)1
vMpro-mpr01-151	PV-001949905716	-8.3	0.252	446.51	REAL	Cc1ccc(-c2cc(C(=O)N)NC(=O)Nc3ccc4c(c3)C[C@H](C)CC(C(=O)N4)C)j[nH]2)cc1C
vMpro-mpr01-152	PV-001950141570	-8.3	0.244	456.54	REAL	COc1ccc(C)C@H)C2cc(C)cc2)NC(=O)Nc2ccc3[nH]1c(CN(=O)c2)cc3c2)1
vMpro-mpr01-153	PV-001957986370	-8.3	0.252	457.41	REAL	O=C(NNC(=O)e1ccc2ccc2n1)N[C@H]1CC(=O)N1c2ccc(C(F)F)2)CC1
vMpro-mpr01-154	PV-001969232762	-8.3	0.268	416.44	REAL	Cc1ccc(-c2cc(C(=O)N)NC(=O)Nc3c[nH]1c(=O)c4ccc34)j[nH]2)cc1
vMpro-mpr01-155	Z1000936770	-8.3	0.231	484.51	REAL	C[C@H]1(c2ccc(CNC(=O)c3ccc(NC(=O)O)C)C@H)4Cc5ccc5O4)C2)NC(=O)NC1=O
vMpro-mpr01-156	Z1000940884	-8.3	0.231	481.51	REAL	Cc1ccc(-c2nnc(-c3ccc(C(=O)N)Cc4ccc(C(=O)j5(C)NC(=O)C5)2)O)c2)cc1
vMpro-mpr01-157	Z1000941172	-8.3	0.231	481.51	REAL	Cc1nc2ccc2c(=O)n1-c1ccc(C(=O)N)Cc2ccc(C@H)3(C)NC(=O)NC3)O)2)cc1
vMpro-mpr01-158	Z1014558476	-8.3	0.252	450.49	REAL	O=C(Nc1ccc(-c2cc[nH]n2)cc1)[C@H]1[C@H]2(C)C@H)2(C)C@H)2)1F
vMpro-mpr01-159	Z1021036848	-8.3	0.277	434.84	REAL	O=C1Nc2cc(C)cc2C1=C1CCN(C(=O)C)2ccc(C(F)F)2)CC1
vMpro-mpr01-160	Z1022496460	-8.3	0.224	495.62	REAL	O=C(NCC(=O)N)1CCc2ccc2C1)[C@H]1[C@H]2(C)C@H)2(C)C@H)2)1
vMpro-mpr01-161	Z1022503832	-8.3	0.259	430.51	REAL	O=C(NCC(=O)N)1CCc2ccc2C1)ccc2c(=O)n3(nc2e1)CCC33
vMpro-mpr01-162	Z1028479320	-8.3	0.231	492.51	REAL	C[C@H]1(c2ccc(CNC(=O)N)3CC[C@H](c4nc(-c5ccc(F)c5)ccc2)NC(=O)NC1=O
vMpro-mpr01-163	Z1039646216	-8.3	0.231	483.57	REAL	O=C1c1ccc2[nH]1ncc2)1N1CC[C@H]C@H)1(C)N2CC(C)3nnc(-c4ccc4)j[nH]3)CC2)C1
vMpro-mpr01-164	Z1069480524	-8.3	0.231	487.51	REAL	C[C@H]1Oe2ccc(C(=O)C3CCN(C(=O)e4ccc(NC(=O)e5ccc5)4)C3)cc2NC1=O
vMpro-mpr01-165	Z1069481792	-8.3	0.231	485.58	REAL	C[C@H]1Oe2ccc(C(=O)C3CCN(C(=O)e4ccc[nH]1)6c(c54)CCCCC6)C3)cc2NC1=O
vMpro-mpr01-166	Z1069482782	-8.3	0.244	465.48	REAL	C[C@H]1Oe2ccc(C(=O)C3CCN(C(=O)O)C@H)4Cc5ccc5e4)Nc(=O)4)C3)cc2NC1=O
vMpro-mpr01-167	Z1069483370	-8.3	0.259	454.91	REAL	C[C@H]1Oe2ccc(C(=O)C3CCN(C(=O)O)C@H)4Cc5ccc5e4)Nc(=O)4)C3)cc2NC1=O
vMpro-mpr01-168	Z1069484924	-8.3	0.231	490.51	REAL	Cc1cc(=O)2ccc(OCC(=O)N)3CC(C)C(=O)4ccc5c(e4)NC(=O)4)C3)cc2)cc12
vMpro-mpr01-169	Z1103945220	-8.3	0.231	494.44	REAL	O=C(Cc1nc2c(=O)nm2-c2ccc2)2)cc(=O)[nH]1)Nc1nc(-c2ccc(C(F)F)2)CC1
vMpro-mpr01-170	Z1117098552	-8.3	0.231	488.57	REAL	O=C1Nc2ccc2[C@H]1[C]CCN(C(=O)N)2ccc(-c3nnc4CCCC4)ccc2)F11
vMpro-mpr01-171	Z1122829524	-8.3	0.231	482.59	REAL	O=C(N)C[C@H]1CC2ccc3cc3C1c1ccc12)N(C(=O)C)CCN2nnc2)CC1
vMpro-mpr01-172	Z1128863346	-8.3	0.244	453.50	REAL	CC(C)1nnc(NC(=O)e2c3c(nc4ccc24)C=Cc2ccc4e2)OCCO4)3)j[nH]1
vMpro-mpr01-173	Z1249275940	-8.3	0.259	432.52	REAL	Cc1ccc(C(=O)N2CC(C)NC(=O)N)C[C@H](C)1c3nnc(-c4ccc4)3)CC2)1
vMpro-mpr01-174	Z1251877223	-8.3	0.259	438.45	REAL	O=C(H)1Oe2ccc(C(=O)C3CCN(C(=O)O)C@H)4Cc5ccc5e4)C3)cc2NC1=O
vMpro-mpr01-175	Z1283506798	-8.3	0.259	428.49	REAL	O=C(NNC(=O)e1ccc2ccc2)1)N[C@H]1CC(=O)N1C[C@H]2(C)C@H)2)2)CC1=O
vMpro-mpr01-176	Z1301415790	-8.3	0.268	412.46	REAL	Cn1c(=O)c2ccc2n2c(CN3Cn4c(nnc4-c4ccc4)C3)mm12
vMpro-mpr01-177	Z1394794482	-8.3	0.252	440.50	REAL	Cc1ccc2c(O)c(C(=O)N)3CC[C@H](C)C@H)1NC(=O)4ccc5ccc54)C3)nc2n1
vMpro-mpr01-178	Z14090835	-8.3	0.244	461.52	REAL	O=C(NC1C(=O)N)C@H)2(CCCc3ccc3)2)C1=O)Nc1ccc2c(1)O1(CCCC1)O2
vMpro-mpr01-179	Z14136476	-8.3	0.252	438.48	REAL	C[C@H]1(c2ccc3ccc3c2)NC(=O)N1Cc2cc(O)cc3ccc4ccc23)CC4)C1=O
vMpro-mpr01-180	Z1437003676	-8.3	0.268	430.43	REAL	Cc1onc(-c2cccnc2)c1C(=O)N1CCN(Cc2ccc(C(F)F)2)CC1
vMpro-mpr01-181	Z1437003689	-8.3	0.268	430.43	REAL	Cc1onc(-c2cccnc2)c1C(=O)N1CCN(Cc2ccc(C(F)F)2)CC1
vMpro-mpr01-182	Z1446847326	-8.3	0.252	445.45	REAL	C[C@H]1(c2ccc3ccc3)2)NC(=O)N1CC(=O)c2cc3cc(F)2)NC(=O)CC3)C1=O
vMpro-mpr01-183	Z1446853476	-8.3	0.252	445.45	REAL	C[C@H]1(c2ccc3ccc3)2)NC(=O)N1CC(=O)c2cc3cc(F)2)NC(=O)CC3)C1=O
vMpro-mpr01-184	Z1449091094	-8.3	0.244	449.55	REAL	O=C(NC[C@H]1[C@H]2Cccc3[C@H]1)1c1ccc(C(=O)N)C[C@H]2[C@H]3C4ccc44(C@H)2)3)1
vMpro-mpr01-185	Z1449095738	-8.3	0.252	439.51	REAL	C[C@H]1(c2ccc3ccc3)2)NC(=O)N1CC(=O)N1C[C@H]2[C@H]3C4ccc44(C@H)2)3)1
vMpro-mpr01-186	Z1522533358	-8.3	0.259	433.51	REAL	C[C@H]1C2cc(-c3ccc(CNC(=O)C4CC5(C)4)NC(=O)N5)O)ccc2O1
vMpro-mpr01-187	Z1553127176	-8.3	0.268	420.44	REAL	O=C(n[nH]1c(C)1)[C@H]1COCCN1C(=O)c1ccc2nnc(-c3ccc(F)cc3)2c1
vMpro-mpr01-188	Z1614241915	-8.3	0.268	421.54	REAL	CN1C(=O)C[C@H](C(=O)N2CC[C@H](C)3[nH]1c4(C)CC(C)4)3)C2)ccc2c1
vMpro-mpr01-189	Z1614248130	-8.3	0.268	409.49	REAL	O=C(C=C)1c1ccc2ccc2)1)N1CC[C@H](c2n[nH]1c(-c3ccc3)2)C1
vMpro-mpr01-190	Z1618474375	-8.3	0.252	446.48	REAL	Cc1ccc(F)2nc(O)cc(C(=O)N)3CCN(C(=O)C)4c[nH]1ccc5ccc54)C3)2c1
vMpro-mpr01-191	Z1626782479	-8.3	0.252	435.53	REAL	O=C1c1ccc2c(=O)n3(nc2e1)CCC33)N1CC=C(c2ccc3ccc3)C1
vMpro-mpr01-192	Z1631990546	-8.3	0.252	448.46	REAL	C[C@H]1(c2ccc(C(=O)N)C)C@H)3C4c4nnc(-c5ccc(F)cc5)4)C3)cc2)NC1=O
vMpro-mpr01-193	Z1678212354	-8.3	0.259	424.51	REAL	Cn1nc(CNC(=O)N)C2ccc(Cn3nc4ccc4)3)2)ccc2c1
vMpro-mpr01-194	Z1682560636	-8.3	0.259	433.49	REAL	Cc1ccc(-c2nnc(C3ncc(C)C@H)4CCCN(Cc5ccc(F)cc5)C4)3)2)cc1
vMpro-mpr01-195	Z1684581792	-8.3	0.252	438.44	REAL	C[C@H]1(c2ccc(-c3nnc(Cc4ccc5ccc5cc5)4)3)2)NC(=O)NC1=O
vMpro-mpr01-196	Z1723432865	-8.3	0.244	456.		

Name	Catalog ID	Score	LE	MW	Library	SMILES
vPipro-dub1-101	Z1685438116	-9.1	0.276	437.45	REAL	O=C1CCc2cc(-c3noc(-4ccc5c4)C[C@H](c4ccc4)OC5=O)n3ccc2N1
vPipro-dub1-102	Z1703807856	-9.1	0.284	449.47	REAL	Cn1c(NC(=O)2ccc(NC3=NS(=O)=O)c4ccc43)cc2ccc(F)c21
vPipro-dub1-103	Z1733398265	-9.1	0.294	419.49	REAL	O=C1CCN(c2ccc3mnm3n2)CC1)N1CCCC[C@]2(C1)OCc1ccc12
vPipro-dub1-104	Z184820682	-9.1	0.268	471.50	REAL	O=C(NNC(=O)1ccc2ccc2n1)c1ccc(NC2=NS(=O)=O)c3ccc32)cc1
vPipro-dub1-105	Z1936480527	-9.1	0.294	421.47	REAL	C[C@]H(C)(=O)N1CCN(C(=O)c2ccc2F)CC1)1ccc2ccc2e1=O
vPipro-dub1-106	Z198667882	-9.1	0.284	462.55	REAL	CCc1ccc2nc(NC(=O)c3ccc(NC4=NS(=O)=O)c5ccc54)ccc32e1
vPipro-dub1-107	Z2041545958	-9.1	0.284	448.51	REAL	Cc1nc2(-c3noc(C4CCN(C5=NS(=O)=O)c6ccc65)CC4)n3)ccc22[nH]1
vPipro-dub1-108	Z2107458903	-9.1	0.284	428.47	REAL	Cc1cc(-c2ncc(F)ccc3n2C)ccc1NC(=O)N1c1nnc2ccc12
vPipro-dub1-109	Z2156411824	-9.1	0.284	420.43	REAL	O=c1c2ccc2[nH]c2ccc(-c3nc(-c4ccc(Cn5cnc5)cc4)no3)cc12
vPipro-dub1-110	Z2157310224	-9.1	0.276	437.46	REAL	O=C1CN(c2ccc(-c3noc(-c4ccc5[nH]c6ccc6c(=O)c5c4)no3)cc2)CCN1
vPipro-dub1-111	Z2158784959	-9.1	0.276	442.45	REAL	O=c1c2ccc2[nH]c2ccc(-c3nc(-c4ccc(N5COCOC5)c(F)c4)no3)cc12
vPipro-dub1-112	Z2159873762	-9.1	0.284	444.88	REAL	O=C(Cc1ncc(-c2ccc3[nH]c4ccc4c(=O)c32)n1)N1CC(C)C1
vPipro-dub1-113	Z2180030189	-9.1	0.284	432.45	REAL	O=C(NNC(=O)N1CC(C)c2ncc3(F)ccc23)CC1)c1ccc2ccc2e1
vPipro-dub1-114	Z2902659410	-9.1	0.260	461.48	REAL	Cc1c(-c2nc(-c3ccc(OC4ccc4)cc3)no2)nmn1-c1ccc2ccc2e1
vPipro-dub1-115	Z2902663274	-9.1	0.260	459.47	REAL	O=c1nc2(-c3nc(-c4ccc(Cn5c6ccc6c5)cc4)no3)c[nH]n2ccc12
vPipro-dub1-116	Z2902665125	-9.1	0.260	463.50	REAL	O=C1C[C@]H(C)C2ccc(-c3nc(-c4ccc(Cn5c6ccc6c5)cc4)no3)cc2(C=O)N1
vPipro-dub1-117	Z2902675641	-9.1	0.268	446.47	REAL	O=C(c1ccc1)c1nc[nH]c1-c1ccc(-c2ccc(Cn3cnc4ccc43)ec2)no1
vPipro-dub1-118	Z2902677365	-9.1	0.294	408.46	REAL	c1ccc(Cn2c3ccc32)cc(-c2ncc(C[C@]H3C4ccc4403)n2)c1
vPipro-dub1-119	Z2902891095	-9.1	0.268	453.52	REAL	Fc1ccc(N2CCN(c3ccc(-c4noc([C@]H5[C@]H6C7ccc7[C@]H6)5)n4)ccc3)CC2)cc1
vPipro-dub1-120	Z2902950191	-9.1	0.276	435.48	REAL	O=C1C[C@]H(C)C2nc(-c3ccc4c(C)CCO4)no2)CN1c1ccc2(c1)C1ccc1-c2
vPipro-dub1-121	Z393496026	-9.1	0.246	496.57	REAL	O=C(Nc1ccc(Cc1=O)N2CCN(c3ccc3)CC2)cc1c1ccc(N2C(=O)CC2)O=c1
vPipro-dub1-122	Z396724670	-9.1	0.268	451.48	REAL	O=C(c1ccc(N2(C=O)c3ccc3C2=O)c1)N1CCC[C@]H(C)C2ccc3cc3C1
vPipro-dub1-123	Z402807448	-9.1	0.268	450.54	REAL	C[C@]H(C)C1nc(-c2ccc2)no1)N1CCN(C(=O)c2ccc3c(c2)-c2ccc23)CC1
vPipro-dub1-124	Z402809840	-9.1	0.268	450.54	REAL	C[C@]H(C)C1nc(-c2ccc2)no1)N1CCN(C(=O)c2ccc3c(c2)C2ccc2-3)CC1
vPipro-dub1-125	Z413441340	-9.1	0.253	484.60	REAL	O=C(Cc1ccc(NC(=O)N2CCO[C@]H(c3ccc3)C2)cc1)N1CCN(c2ccc2)CC1
vPipro-dub1-126	Z503753174	-9.1	0.260	487.54	REAL	O=C(Nc1ccc2cc(cc2s1)OCCO3)cc1ccc(NC(=O)C)C@H2C3ccc32O2e1
vPipro-dub1-127	Z604030594	-9.1	0.276	445.57	REAL	C[C@]H1CCCCN1C(=O)c1ccc(NC(=O)N2CC[C@]H(C)C3c4ccc4nH3)C2)cc1
vPipro-dub1-128	Z685869690	-9.1	0.284	422.45	REAL	c1ccc(-c2nm(Cc3ccc(-c4nnc(-c5ccc5c4)cc3)no2)C)cc2ccc2e1
vPipro-dub1-129	Z685869976	-9.1	0.276	434.46	REAL	C1=C2nnc(-c3ccc(Cn4nnc(-c5ccc5c4)cc3)no2)C2ccc2e1
vPipro-dub1-130	Z757782482	-9.1	0.268	455.47	REAL	C[C@]H2CCC(=O)N1c1ccc1C(=O)N2CC(=O)Nc1ccc2[nH]c1-c3ccc32)cc1
vPipro-dub1-131	Z770162286	-9.1	0.268	449.51	REAL	O=C(c1ccc(N2C(=O)c3ccc3C2=O)c1)N1CCC[C@]H(C)C2ccc3cc3C1
vPipro-dub1-132	Z806333512	-9.1	0.260	465.55	REAL	C[C@]H(NC(=O)C)C@H1CC(=O)N(c2ccc3c(c2)C2ccc2-3)C1c1ccc2e1)C1CC(=O)N2
vPipro-dub1-133	Z806363806	-9.1	0.260	467.52	REAL	O=C(Nc1ccc(N2CCOC2=O)c1)C[C@]H1CC(=O)N(c2ccc3c(c2)C2ccc2-3)C1
vPipro-dub1-134	Z806434386	-9.1	0.260	485.57	REAL	O=C(c1ccc(NC2=NS(=O)=O)c3ccc32)cc1)N1CC(C)c2[nH]c3ccc23)CC1
vPipro-dub1-135	Z806888942	-9.1	0.260	469.54	REAL	O=C(Nc1ccc(N2CCOC2=O)cc1)c1ccc(NC(=O)C)C@H2C3ccc32O2e1
vPipro-dub1-136	Z855225378	-9.1	0.268	489.58	REAL	Cc1ccc(-c2nnc(NC(=O)c3ccc(NC4=NS(=O)=O)c5ccc54)ccc32)cc1(C)c1
vPipro-dub1-137	Z982689964	-9.1	0.276	440.46	REAL	O=C1CO2ccc(C(=O)Nc3ccc(Cn4nnc(-c5ccc5c4)cc3)cc2)N1
vPipro-dub1-138	ZINC000001714466	-9.1	0.222	560.59	ZINC	O=C1C=C(N2ccc(S(=O)=O)c3ccc(NC4=CC(=O)C(=O)c5ccc54)ccc3)cc2ccc2C1=O
vPipro-dub1-139	ZINC000002079077	-9.1	0.228	528.56	ZINC	Cc1ccc(N2C(=O)c3ccc(C(=O)c4ccc5c(c4)C(=O)N4ccc(C)cc4)C5=O)cc2)cc1(C)C
vPipro-dub1-140	ZINC000012890378	-9.1	0.253	484.55	ZINC	Cc1c2ccc3(cc2o=c1)CC(=O)N1C[C@]H2C[C@]H(C)C1c1ccc(-o1n1)C2)no1c3CCCC1
vPipro-dub1-141	ZINC000013735971	-9.1	0.276	460.41	ZINC	O=C(c1ccc2nc(C(F)F)F)nH2c1)N1CCN(C(=O)C)C@H2C3ccc32O2e1
vPipro-dub1-142	ZINC000019877423	-9.1	0.253	484.51	ZINC	O=C(c1ccc(N2CCN(C)C@H3CC(=O)N(c4ccc5c(c4)OC5)C3=O)CC2)cc1c1ccc1
vPipro-dub1-143	ZINC000021867256	-9.1	0.246	492.58	ZINC	Cc1ccc(-c2nm3c2n(O)c2ccc(C(=O)N4CCN(c5ccc(C)ccc5C)CC4)cc2)cc1
vPipro-dub1-144	ZINC000026780145	-9.1	0.253	490.95	ZINC	O=C(NC1=CC=C[C@]H2)C(=O)c3ccc3C(=O)C)C@H2)2)cc1(-c2ccc2)C1n2ccc2e1
vPipro-dub1-145	ZINC000065113766	-9.1	0.246	494.59	ZINC	Cc1ccc(C(=O)N2CCC(c3nc(-c4ccc(C(=O)Nc5ccc5C)cc4)no3)CC2)cc1
vPipro-dub1-146	ZINC000070691633	-9.1	0.276	455.68	ZINC	CC(=O)N1C[C@]H(C)C[C@]H2)C[C@]H3)C[C@]H4)C=C5C(C)C@H(C)C[C@]H5)C(C)C@H6)C(C)C@H7)C(C)C@H8)C(C)C@H9)C(C)C@H10)C(C)C@H11)C(C)C@H12)C(C)C@H13)C(C)C@H14)C(C)C@H15)C(C)C@H16)C(C)C@H17)C(C)C@H18)C(C)C@H19)C(C)C@H20)C(C)C@H21)C(C)C@H22)C(C)C@H23)C(C)C@H24)C(C)C@H25)C(C)C@H26)C(C)C@H27)C(C)C@H28)C(C)C@H29)C(C)C@H30)C(C)C@H31)C(C)C@H32)C(C)C@H33)C(C)C@H34)C(C)C@H35)C(C)C@H36)C(C)C@H37)C(C)C@H38)C(C)C@H39)C(C)C@H40)C(C)C@H41)C(C)C@H42)C(C)C@H43)C(C)C@H44)C(C)C@H45)C(C)C@H46)C(C)C@H47)C(C)C@H48)C(C)C@H49)C(C)C@H50)C(C)C@H51)C(C)C@H52)C(C)C@H53)C(C)C@H54)C(C)C@H55)C(C)C@H56)C(C)C@H57)C(C)C@H58)C(C)C@H59)C(C)C@H60)C(C)C@H61)C(C)C@H62)C(C)C@H63)C(C)C@H64)C(C)C@H65)C(C)C@H66)C(C)C@H67)C(C)C@H68)C(C)C@H69)C(C)C@H70)C(C)C@H71)C(C)C@H72)C(C)C@H73)C(C)C@H74)C(C)C@H75)C(C)C@H76)C(C)C@H77)C(C)C@H78)C(C)C@H79)C(C)C@H80)C(C)C@H81)C(C)C@H82)C(C)C@H83)C(C)C@H84)C(C)C@H85)C(C)C@H86)C(C)C@H87)C(C)C@H88)C(C)C@H89)C(C)C@H90)C(C)C@H91)C(C)C@H92)C(C)C@H93)C(C)C@H94)C(C)C@H95)C(C)C@H96)C(C)C@H97)C(C)C@H98)C(C)C@H99)C(C)C@H100)C(C)C@H101)C(C)C@H102)C(C)C@H103)C(C)C@H104)C(C)C@H105)C(C)C@H106)C(C)C@H107)C(C)C@H108)C(C)C@H109)C(C)C@H110)C(C)C@H111)C(C)C@H112)C(C)C@H113)C(C)C@H114)C(C)C@H115)C(C)C@H116)C(C)C@H117)C(C)C@H118)C(C)C@H119)C(C)C@H120)C(C)C@H121)C(C)C@H122)C(C)C@H123)C(C)C@H124)C(C)C@H125)C(C)C@H126)C(C)C@H127)C(C)C@H128)C(C)C@H129)C(C)C@H130)C(C)C@H131)C(C)C@H132)C(C)C@H133)C(C)C@H134)C(C)C@H135)C(C)C@H136)C(C)C@H137)C(C)C@H138)C(C)C@H139)C(C)C@H140)C(C)C@H141)C(C)C@H142)C(C)C@H143)C(C)C@H144)C(C)C@H145)C(C)C@H146)C(C)C@H147)C(C)C@H148)C(C)C@H149)C(C)C@H150)C(C)C@H151)C(C)C@H152)C(C)C@H153)C(C)C@H154)C(C)C@H155)C(C)C@H156)C(C)C@H157)C(C)C@H158)C(C)C@H159)C(C)C@H160)C(C)C@H161)C(C)C@H162)C(C)C@H163)C(C)C@H164)C(C)C@H165)C(C)C@H166)C(C)C@H167)C(C)C@H168)C(C)C@H169)C(C)C@H170)C(C)C@H171)C(C)C@H172)C(C)C@H173)C(C)C@H174)C(C)C@H175)C(C)C@H176)C(C)C@H177)C(C)C@H178)C(C)C@H179)C(C)C@H180)C(C)C@H181)C(C)C@H182)C(C)C@H183)C(C)C@H184)C(C)C@H185)C(C)C@H186)C(C)C@H187)C(C)C@H188)C(C)C@H189)C(C)C@H190)C(C)C@H191)C(C)C@H192)C(C)C@H193)C(C)C@H194)C(C)C@H195)C(C)C@H196)C(C)C@H197)C(C)C@H198)C(C)C@H199)C(C)C@H200)C(C)C@H201)C(C)C@H202)C(C)C@H203)C(C)C@H204)C(C)C@H205)C(C)C@H206)C(C)C@H207)C(C)C@H208)C(C)C@H209)C(C)C@H210)C(C)C@H211)C(C)C@H212)C(C)C@H213)C(C)C@H214)C(C)C@H215)C(C)C@H216)C(C)C@H217)C(C)C@H218)C(C)C@H219)C(C)C@H220)C(C)C@H221)C(C)C@H222)C(C)C@H223)C(C)C@H224)C(C)C@H225)C(C)C@H226)C(C)C@H227)C(C)C@H228)C(C)C@H229)C(C)C@H230)C(C)C@H231)C(C)C@H232)C(C)C@H233)C(C)C@H234)C(C)C@H235)C(C)C@H236)C(C)C@H237)C(C)C@H238)C(C)C@H239)C(C)C@H240)C(C)C@H241)C(C)C@H242)C(C)C@H243)C(C)C@H244)C(C)C@H245)C(C)C@H246)C(C)C@H247)C(C)C@H248)C(C)C@H249)C(C)C@H250)C(C)C@H251)C(C)C@H252)C(C)C@H253)C(C)C@H254)C(C)C@H255)C(C)C@H256)C(C)C@H257)C(C)C@H258)C(C)C@H259)C(C)C@H260)C(C)C@H261)C(C)C@H262)C(C)C@H263)C(C)C@H264)C(C)C@H265)C(C)C@H266)C(C)C@H267)C(C)C@H268)C(C)C@H269)C(C)C@H270)C(C)C@H271)C(C)C@H272)C(C)C@H273)C(C)C@H274)C(C)C@H275)C(C)C@H276)C(C)C@H277)C(C)C@H278)C(C)C@H279)C(C)C@H280)C(C)C@H281)C(C)C@H282)C(C)C@H283)C(C)C@H284)C(C)C@H285)C(C)C@H286)C(C)C@H287)C(C)C@H288)C(C)C@H289)C(C)C@H290)C(C)C@H291)C(C)C@H292)C(C)C@H293)C(C)C@H294)C(C)C@H295)C(C)C@H296)C(C)C@H297)C(C)C@H298)C(C)C@H299)C(C)C@H300)C(C)C@H301)C(C)C@H302)C(C)C@H303)C(C)C@H304)C(C)C@H305)C(C)C@H306)C(C)C@H307)C(C)C@H308)C(C)C@H309)C(C)C@H310)C(C)C@H311)C(C)C@H312)C(C)C@H313)C(C)C@H314)C(C)C@H315)C(C)C@H316)C(C)C@H317)C(C)C@H318)C(C)C@H319)C(C)C@H320)C(C)C@H321)C(C)C@H322)C(C)C@H323)C(C)C@H324)C(C)C@H325)C(C)C@H326)C(C)C@H327)C(C)C@H328)C(C)C@H329)C(C)C@H330)C(C)C@H331)C(C)C@H332)C(C)C@H333)C(C)C@H334)C(C)C@H335)C(C)C@H336)C(C)C@H337)C(C)C@H338)C(C)C@H339)C(C)C@H340)C(C)C@H341)C(C)C@H342)C(C)C@H343)C(C)C@H344)C(C)C@H345)C(C)C@H346)C(C)C@H347)C(C)C@H348)C(C)C@H349)C(C)C@H350)C(C)C@H351)C(C)C@H352)C(C)C@H353)C(C)C@H354)C(C)C@H355)C(C)C@H356)C(C)C@H357)C(C)C@H358)C(C)C@H359)C(C)C@H360)C(C)C@H361)C(C)C@H362)C(C)C@H363)C(C)C@H364)C(C)C@H365)C(C)C@H366)C(C)C@H367)C(C)C@H368)C(C)C@H369)C(C)C@H370)C(C)C@H371)C(C)C@H372)C(C)C@H373)C(C)C@H374)C(C)C@H375)C(C)C@H376)C(C)C@H377)C(C)C@H378)C(C)C@H379)C(C)C@H380)C(C)C@H381)C(C)C@H382)C(C)C@H383)C(C)C@H384)C(C)C@H385)C(C)C@H386)C(C)C@H387)C(C)C@H388)C(C)C@H389)C(C)C@H390)C(C)C@H391)C(C)C@H392)C(C)C@H393)C(C)C@H394)C(C)C@H395)C(C)C@H396)C(C)C@H397)C(C)C@H398)C(C)C@H399)C(C)C@H400)C(C)C@H401)C(C)C@H402)C(C)C@H403)C(C)C@H404)C(C)C@H405)C(C)C@H406)C(C)C@H407)C(C)C@H408)C(C)C@H409)C(C)C@H410)C(C)C@H411)C(C)C@H412)C(C)C@H413)C(C)C@H414)C(C)C@H415)C(C)C@H416)C(C)C@H417)C(C)C@H418)C(C)C@H419)C(C)C@H420)C(C)C@H421)C(C)C@H422)C(C)C@H423)C(C)C@H424)C(C)C@H425)C(C)C@H426)C(C)C@H427)C(C)C@H428)C(C)C@H429)C(C)C@H430)C(C)C@H431)C(C)C@H432)C(C)C@H433)C(C)C@H434)C(C)C@H435)C(C)C@H436)C(C)C@H437)C(C)C@H438)C(C)C@H439)C(C)C@H440)C(C)C@H441)C(C)C@H442)C(C)C@H443)C(C)C@H444)C(C)C@H445)C(C)C@H446)C(C)C@H447)C(C)C@H448)C(C)C@H449)C(C)C@H450)C(C)C@H451)C(C)C@H452)C(C)C@H453)C(C)C@H454)C(C)C@H455)C(C)C@H456)C(C)C@H457)C(C)C@H458)C(C)C@H459)C(C)C@H460)C(C)C@H461)C(C)C@H462)C(C)C@H463)C(C)C@H464)C(C)C@H465)C(C)C@H466)C(C)C@H467)C(C)C@H468)C(C)C@H469)C(C)C@H470)C(C)C@H471)C(C)C@H472)C(C)C@H473)C(C)C@H474)C(C)C@H475)C(C)C@H476)C(C)C@H477)C(C)C@H478)C(C)C@H479)C(C)C@H480)C(C)C@H481)C(C)C@H482)C(C)C@H483)C(C)C@H484)C(C)C@H485)C(C)C@H486)C(C)C@H487)C(C)C@H488)C(C)C@H489)C(C)C@H490)C(C)C@H491)C(C)C@H492)C(C)C@H493)C(C)C@H494)C(C)C@H495)C(C)C@H496)C(C)C@H497)C(C)C@H498)C(C)C@H499)C(C)C@H500)C(C)C@H501)C(C)C@H502)C(C)C@H503)C(C)C@H504)C(C)C@H505)C(C)C@H506)C(C)C@H507)C(C)C@H508)C(C)C@H509)C(C)C@H510)C(C)C@H511)C(C)C@H512)C(C)C@H513)C(C)C@H514)C(C)C@H515)C(C)C@H516)C(C)C@H517)C(C)C@H518)C(C)C@H519)C(C)C@H520)C(C)C@H521)C(C)C@H522)C(C)C@H523)C(C)C@H524)C(C)C@H525)C(C)C@H526)C(C)C@H527)C(C)C@H528)C(C)C@H529)C(C)C@H530)C(C)C@H531)C(C)C@H532)C(C)C@H533)C(C)C@H534)C(C)C@H535)C(C)C@H536)C(C)C@H537)C(C)C@H538)C(C)C@H539)C(C)C@H540)C(C)C@H541)C(C)C@H542)C(C)C@H543)C(C)C@H544)C(C)C@H545)C(C)C@H546)C(C)C@H547)C(C)C@H548)C(C)C@H549)C(C)C@H550)C(C)C@H551)C(C)C@H552)C(C)C@H553)C(C)C@H554)C(C)C@H555)C(C)C@H556)C(C)C@H557)C(C)C@H558)C(C)C@H559)C(C)C@H560)C(C)C@H561)C(C)C@H562)C(C)C@H563)C(C)C@H564)C(C)C@H565)C(C)C@H566)C(C)C@H567)C(C)C@H568)C(C)C@H569)C(C)C@H570)C(C)C@H571)C(C)C@H572)C(C)C@H573)C(C)C@H574)C(C)C@H575)C(C)C@H576)C(C)C@H577)C(C)C@H578)C(C)C@H579)C(C)C@H580)C(C)C@H581)C(C)C@H582)C(C)C@H583)C(C)C@H584)C(C)C@H585)C(C)C@H586)C(C)C@H587)C(C)C@H588)C(C)C@H589)C(C)C@H590)C(C)C@H591)C(C)C@H592)C(C)C@H593)C(C)C@H594)C(C)C@H595)C(C)C@H596)C(C)C@H597)C(C)C@H598)C(C)C@H599)C(C)C@H600)C(C)C@H601)C(C)C@H602)C(C)C@H603)C(C)C@H604)C(C)C@H605)C(C)C@H606)C(C)C@H607)C(C)C@H608)C(C)C@H609)C(C)C@H610)C(C)C@H611)C(C)C@H612)C(C)C@H613)C(C)C@H614)C(C)C@H615)C(C)C@H616)C(C)C@H617)C(C)C@H618)C(C)C@H619)C(C)C@H620)C(C)C@H621)C(C)C@H622)C(C)C@H623)C(C)C@H624)C(C)C@H625)C(C)C@H626)C(C)C@H627)C(C)C@H628)C(C)C@H629)C(C)C@H630)C(C)C@H631)C(C)C@H632)C(C)C@H633)C(C)C@H634)C(C)C@H635)C(C)C@H636)C(C)C@H637)C(C)C@H638)C(C)C@H639)C(C)C@H640)C(C)C@H641)C(C)C@H642)C(C)C@H643)C(C)C@H644)C(C)C@H645)C(C)C@H646)C(C)C@H647)C(C)C@H648)C(C)C@H649)C(C)C@H650)C(C)C@H651)C(C)C@H652)C(C)C@H653)C(C)C@H654)C(C)C@H655)C(C)C@H656)C(C)C@H657)C(C)C@H658)C(C)C@H659)C(C)C@H660)C(C)C@H661)C(C)C@H662)C(C)C@H663)C(C)C@H664)C(C)C@H665)C(C)C@H666)C(C)C@H667)C(C)C@H668)C(C)C@H669)C(C)C@H670)C(C)C@H671)C(C)C@H672)C(C)C@H673)C(C)C@H674)C(C)C@H675)C(C)C@H676

Name	Catalog ID	Score	LE	MW	Library	SMILES
vMpro-mp2-1	ZINC000017862766	-11.4	0.285	520.587	ZINC	O=C(Nc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc3c2)1
vMpro-mp2-2	Z2785110607	-11.1	0.411	365.428	REAL	CCCOC1ccc1c(=O)CNC(=O)[C@H]2[C@@H]3C(=O)[C@H]4[C@H]5[C]C(=O)[H]([C@@H]4)[C@H]2[C@H]5
vMpro-mp2-3	ZINC000240824838	-10.8	0.277	516.556	ZINC	O=C1[C@@H]2[C@H]3C=C[C@@H](C3)[C@H]2C(=O)N1c1ccc(-c2nc3ccc(N4C(=O)[C@H]5[C@H]6[C@H]7[C@@H](C6)[C@H]5C4=O)c3[H]2)cc1
vMpro-mp2-4	Z108236914	-10.7	0.345	426.515	REAL	C[C@H]1CC(C)(C)C[C@@H]2[C@H]1NC(=O)N(CC(=O)N1C[C@H](N=O)Cc3ccc3c1)C2=O
vMpro-mp2-5	Z1531172578	-10.7	0.334	444.495	REAL	CN1C(=O)CC[C@H](C1=O)N2C3Cccc3C(C)(C)C2[C@H]1C1ccc(C(F)F)Fcc1
vMpro-mp2-6	ZINC000017988176	-10.7	0.268	521.571	ZINC	O=C(Oc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc3c2)1
vMpro-mp2-7	Z1147822896	-10.6	0.312	470.45	REAL	O=C(c1ccc(-c2nc(C(F)F)F)nc2)c1N1CCC(C(=O)N)2CC3Cccc3C2C1
vMpro-mp2-8	ZINC000100505727	-10.6	0.286	488.542	ZINC	O=C1[C@@H]2[C@H]3C=C[C@H](C3)[C@H]2C(=O)N1c1ccc2(c1)-c1ccc(N3C(=O)[C@H]4[C@H]5C=C[C@H](C5)[C@@H]4C3=O)ccc1C2
vMpro-mp2-9	ZINC000101343712	-10.6	0.303	460.488	ZINC	O=C(c1ccc1[C@@H]1[C@H]2[C@H]1C(=O)N(c3ccc4ccc4c3)C(=O)[C@H]2[C@H]2C3=CC(=O)N2C3=CN12
vMpro-mp2-10	Z1072127096	-10.5	0.292	482.582	REAL	Cc1ccc2[nH]c([C@H]3CCCN(C(=O)[C@H]4CCN4C(=O)c4ccc5ccc5c4O)3)nc2c1
vMpro-mp2-11	Z1250586272	-10.5	0.318	438.486	REAL	Cc1cc(C(=O)N)[C@H]2CC3C4ccc4C2c2ccc23)nc2nc(O)nH1c(=O)c12
vMpro-mp2-12	Z1323884037	-10.5	0.339	425.373	REAL	Cc1nc(C(=O)Nc2ccc3c(c2)C2c2ccc23)nn1-c1nnc(C(F)F)F)nH1
vMpro-mp2-13	Z1766229415	-10.5	0.339	410.472	REAL	O=C(N[C@H]1CC2(CC2)Oc2ccc21)c1ccc2[nH]c3ccc3c2O)c2c1
vMpro-mp2-14	ZINC000011880414	-10.5	0.292	489.593	ZINC	Cc1nc(N2CCC(C(=O)N3CCN(C(=O)[C@H]3c3ccc(F)c3)CC2)nc2C(C)(C)C)cc12
vMpro-mp2-15	ZINC000101421018	-10.5	0.284	488.542	ZINC	O=C(Nc1ccc2c(c1)C(=O)lccc1-2)[C@H](C)Cc1ccc1N1C(=O)[C@H]2[C@H]3C=C[C@H](C3)[C@@H]2C1=O
vMpro-mp2-16	PV-001801086753	-10.4	0.347	413.516	REAL	C[C@H]1CC(C)(C)C[C@@H]2[C@H]1NC(=O)N(CC(=O)N1CC(C)(O)c3ccc3c1)C2=O
vMpro-mp2-17	PV-001801233687	-10.4	0.325	44.2	REAL	CNCN(C(=O)lccc(NC(=O)c2ccc3nc(C(F)F)F)nc3)cc12
vMpro-mp2-18	PV-001815343469	-10.4	0.359	459.295	REAL	CC1(C)COc2ccc(NC(=O)[C@H]3C4ccc(Br)ccc4C(=O)O3)cc2NC1=O
vMpro-mp2-19	PV-001942447235	-10.4	0.325	447.456	REAL	Cc1nc(N(=O)N2CC3ccc(C(F)F)F)ccc3C2)ccc1C(=O)N1CCOC1
vMpro-mp2-20	PV-001950485965	-10.4	0.335	433.41	REAL	CN(Cc1ccc2(c1)OC(F)F)O2(C(=O)Nc1ccc2(c1)NC(=O)C(C)CO2
vMpro-mp2-21	Z1091251226	-10.4	0.297	480.405	REAL	O=C(Nc1ccc2c2n1Cc1ccc(C(F)F)F)l1c1nc2[nH]c([=O)nH]j2c(=O)c2c1
vMpro-mp2-22	Z1095050586	-10.4	0.297	465.472	REAL	Cc1cc(-c2cc(C(=O)Nc3nc(-c4ccc5ccc5n4)[nH]3)c3c(C)nc3n2)c(C)O1
vMpro-mp2-23	Z3121383986	-10.4	0.4	371.504	REAL	Cc1sc(=O)n(C)C(=O)N[C@H]2CCN3(CCC3)C2c1-c1ccc1
vMpro-mp2-24	Z80629372	-10.4	0.289	480.523	REAL	C[C@H]1(c2ccc(NC(=O)[C@H]3CC(=O)N(c4ccc5c(c4)C4ccc45)3)C2)NC(=O)N1=O
vMpro-mp2-25	Z979337174	-10.4	0.315	395.661	REAL	Cc1ccc-n2nc(C(=O)N3CC(C)C(=O)[H]4c4ccc5cc(C)ccc53)cc1C2CC3cc1
vMpro-mp2-26	ZINC00008449797	-10.4	0.274	493.561	ZINC	O=C1[C@H]2[C@H](C(=O)N1c1ccc(Oc3ccc4ccc4c3)cc1)C1c3ccc3C2c2ccc21
vMpro-mp2-27	ZINC00013036826	-10.4	0.281	499.538	ZINC	O=C1C2c2ccc2O2c2ccc21)N1CCN(c2nc3c2n3n3-c2ccc2)C1
vMpro-mp2-28	ZINC000020464531	-10.4	0.281	491.506	ZINC	O=C(c1ccc(-c2ccc2)cc1)N1Cc2nc[nH]2c2[C@H]1c1nc(-c2ccc3c2)OC03)nc1
vMpro-mp2-29	ZINC000101094105	-10.4	0.306	444.485	ZINC	O=C1c2ccc3ccc3c2(C(=O)[C@H]2[C@H]3[C@H]3C(=O)O4ccc5ccc5c4C(=O)O)C@H]3[C@H]12
vMpro-mp2-30	ZINC0002302002081	-10.4	0.297	478.425	ZINC	O=C(c1ccc1)[C@H]1[C@H]2[C@H]2(C=O)N(c3ccc(C(F)F)F)3)C1=O)[C@H]2[C@H]2c3ccc3C=CN12
vMpro-mp2-31	ZINC000252021496	-10.4	0.297	493.582	ZINC	Cc1nc(Ns(=O)=O)c2ccc3c2)[C@H]2[C@H]1[C@H]1CC[C@H]2[C@H]1C1c1ccc(C(=O)O)c2)N3)cc1C
vMpro-mp2-32	PV-001814171865	-10.3	0.355	404.362	REAL	Cc1cc(F)c2nc(O)cc(C(=O)N3CC4ccc(C(F)F)F)ccc4C3)cc21
vMpro-mp2-33	PV-002098001064	-10.3	0.312	478.436	REAL	Cc1cc(C(F)F)F)cc1Cn1c([C@H]2CCOC2)nn1N1CCO(C(=O)N1C(C)F)F)C1
vMpro-mp2-34	Z1014751880	-10.3	0.312	459.467	REAL	C[C@H]1(c2ccc(CNC(=O)C34ccc(C(F)F)F)4)CC33)cc2)NC(=O)N1=O
vMpro-mp2-35	Z1069482880	-10.3	0.286	492.574	REAL	C[C@H]1CN(c2ccc(C(=O)N3CC(C)C(=O)c4ccc5c(c4)NC(=O)[C@H]2[C@H]3C=C[C@H](C3)[C@@H]2C1=O
vMpro-mp2-36	Z1166685113	-10.3	0.343	438.454	REAL	O=C(Nc1ccc2c3c2c1)OC(F)F)O3)N1CCC(C(=O)N2CC2)CC1
vMpro-mp2-37	Z1232342590	-10.3	0.322	424.467	REAL	Cc1nmm1-c1ccc1NC(=O)lccc2(C)nm1-c3ccc3c2)2n1
vMpro-mp2-38	Z1274039105	-10.3	0.322	439.44	REAL	O=C(Nc1ccc2c2n1Cc1ccc(C(F)F)F)l1)[C@H]1CC2n[nH]2c2C1
vMpro-mp2-39	Z1324964303	-10.3	0.322	427.345	REAL	Cc1nc(C(=O)Nc2ccc3c2c1)ccc2ccc23)nn1-c1nnc(C(F)F)F)nH1
vMpro-mp2-40	Z1325401657	-10.3	0.355	406.327	REAL	Cc1nc(C(=O)Nc2ccc3c2)NC(=O)CC3)nn1-c1nnc(C(F)F)F)nH1
vMpro-mp2-41	Z1452514506	-10.3	0.343	397.433	REAL	C[C@H]1(c2ccc(C(=O)N3C4ccc4-c4ccc43)cc2)NC(=O)N1=O
vMpro-mp2-42	Z1488358401	-10.3	0.332	443.35	REAL	Cc1nc2c(c(F)F)F)n1[C]C[C@H](C(=O)Nc1ccc(C(F)F)F)cc3[nH]1)CC2
vMpro-mp2-43	Z1521653481	-10.3	0.355	405.453	REAL	C[C@H]1[C]C[C@H](C)CC2(C1)NC(=O)N(CC(=O)N1CC3(C)C1)NC(=O)N3=O)C2=O
vMpro-mp2-44	Z1546785129	-10.3	0.322	433.558	REAL	C[C@H]1CNc2ccc3nc2n2CC[C@H]1(c3nn4n3CC4)C2[C]C[C@H](C)O1
vMpro-mp2-45	Z1673511399	-10.3	0.312	440.502	REAL	C[C@H]1(c2ccc(CNC(=O)N3CC=C(c4ccc5ccc45)3)cc2)NC(=O)N1=O
vMpro-mp2-46	Z1685438116	-10.3	0.312	437.454	REAL	O=C1CC2ccc(-c3nc(-c4ccc5c4)C[C@H]4)ccc5)OC5=O)3)ccc2N1
vMpro-mp2-47	Z2157918107	-10.3	0.322	428.447	REAL	C[C@H]1(Oc1ccc2ccc2c1)c1nc(-c2ccc(C[C@H]3)NC(=O)NC3=O)c2)nc1
vMpro-mp2-48	Z2207852801	-10.3	0.343	416.366	REAL	Cc1nc(C(=O)N2CCn3cc4ccc43)C2)nn1-c1nnc(C(F)F)F)nH1
vMpro-mp2-49	Z2209929430	-10.3	0.332	432.441	REAL	C[C@H]1CO[C@H]2(c2ccc(C(F)F)F)2)CN1C(=O)[C@H]1CN(C)C(=O)c2ccc21
vMpro-mp2-50	Z2207384981	-10.3	0.368	391.348	REAL	O=C1COc2ccc(NC(=O)N3CC4ccc(C(F)F)F)ccc4C3)cc2N1
vMpro-mp2-51	Z3046818953	-10.3	0.368	382.506	REAL	O=C(N[C@H]1[C]C[C@H]2(C)CCN2)Oc2ccc21)N1C[C@H]2[C@H]3C[C@H]1NC3)[C@H]2C1
vMpro-mp2-52	Z358867962	-10.3	0.343	415.532	REAL	Cc1ccc(C[C@H]1CC(=O)[C@H]2[C@H]1C(=O)N1C[C@H]2[C@H]3C[C@H]1NC3)NC(N)=O)c1
vMpro-mp2-53	Z767247218	-10.3	0.303	471.409	REAL	C[C@H]1(c2ccc(NC(=O)c3cc(F)ccc3-c3ccc(C(F)F)F)cc3)cc2)NC(=O)N1=O
vMpro-mp2-54	Z804312190	-10.3	0.355	390.402	REAL	O=C(Nc1ccc2c(c1)nc2CC(C)C)l1nc2[nH]c([=O)nH]j2c(=O)c2c1
vMpro-mp2-55	Z805930424	-10.3	0.312	439.47	REAL	Cc1cc(C(=O)N)N2C(=O)N(Cc3ccc3c3)cc2)cc1
vMpro-mp2-56	Z956280640	-10.3	0.303	474.544	REAL	O=C(N[C@H]1c1ccc1)l1nmm1[nH]1c1ccc(S(=O)(=O)N2Cc3ccc3C2)c1
vMpro-mp2-57	ZINC00003178975	-10.3	0.264	525.529	ZINC	Cn1c2ccc2c2c(N/C=C2)c4ccc4C(=O)N(c4ccc(C(F)F)F)4)3)cc21
vMpro-mp2-58	ZINC00018181098	-10.3	0.278	487.51	ZINC	Cc1ccc(C[C@H]2OC3(C(=O)c4ccc4C3=O)[C@H]3C(=O)N(c4ccc5ccc54)C(=O)[C@H]23)cc1
vMpro-mp2-59	ZINC00020366557	-10.3	0.271	503.608	ZINC	Cc1ccc(C(=O)N2CCN(c3ccc(Nc4cnc5nc(-c6ccc5c6)nn5)3)CC2)cc1
vMpro-mp2-60	ZINC000034812740	-10.3	0.322	433.457	ZINC	Cc1ccc2c(c1)Oc1ccc1C1NCCN(C(=O)c3ccc(F)cc3)CC1)nc2
vMpro-mp2-61	ZINC000064980242	-10.3	0.294	479.515	ZINC	O=C1oc2ccc2cc1-c1nc(-c2ccc3c2)Sc2ccc2C(=O)N3CC2C1
vMpro-mp2-62	ZINC000100415678	-10.3	0.278	487.51	ZINC	Cc1ccc(C[C@H]2OC3(C(=O)c4ccc4C3=O)[C@H]3C(=O)N(c4ccc5ccc54)C(=O)[C@H]23)cc1
vMpro-mp2-63	ZINC000229904975	-10.3	0.286	486.53	ZINC	O=C1[nH]2ccc3c1[C@H]2[C@H]1C[C@H]1mnm1[C]C[C@H]1CCO1)N1CC2ccc21)CCO3
vMpro-mp2-64	ZINC000229930169	-10.3	0.24	589.046	ZINC	CC1=C[C@H]2[C@H]3C(=O)C3)C[C@H]2(C(=O)lccc1)C1[C@H]1(C(=O)lccc3c1)OC03)[C@H]2[C@H]2C(=O)Nc2ccc2c1
vMpro-mp2-65	ZINC000231657553	-10.3	0.294	472.504	ZINC	O=C1[nH]2ccc3c1[C@H]2[C@H]1mnm1[C]C[C@H]1CCO1)N1CC2ccc21)OC03
vMpro-mp2-66	ZINC000245254646	-10.3	0.303	479.556	ZINC	Cc1ccc(Ns(=O)=O)c2ccc3c2)[C@H]2[C@H]1C[C@H]1CCO1)N1CC2ccc21)OC03
vMpro-mp2-67	ZINC000253414049	-10.3	0.286	478.455	ZINC	O=C(O)c1ccc(-c2ccc(C[C@H]2[C@H]1C[C@H]1CCO1)N1CC2ccc21)OC03
vMpro-mp2-68	ZINC000408674312	-10.3	0.286	476.574	ZINC	CC1CCN(C(=O)c2ccc(N3C(=O)[C@H]4[C@H]3(C=O)C35ccc5C44ccc43)cc2)CC1
vMpro-mp2-69	ZINC000408674316	-10.3	0.286	476.574	ZINC	Cc1cc(C)cc(NC(=O)c2ccc(N3C(=O)[C@H]4[C@H]3(C=O)C35ccc5C44ccc43)cc2)1
vMpro-mp2-70	ZINC000408679811	-10.3	0.271	498.58	ZINC	CN(C(=O)c1ccc2nc3c4ccc4c4ccc4c3nc2e1)c1ccc2ccc2c1
vMpro-mp2-71	ZINC000408974666	-10.3	0.286	465.515	ZINC	O=C(O)c1ccc(NC(=O)CN2C(=O)[C@H]3[C@H]2[C@H]2C(=O)C24ccc4C3c3ccc3c2)cc1
vMpro-mp2-72	ZINC000409205109	-10.3	0.303	452.465	ZINC	CC(C)COC(=O)[C@H]1(C(=O)N)C2ccc(NC(=O)c3ccc3)cc2[C]C[C@H]2[C]1C1C2
vMpro-mp2-73	PV-001794027686	-10.2	0.309	449.549	REAL	Cc1ccc2c(c1)C(=O)[C@H]1(C)C(=O)N1c1ccc(C(=O)N3CC(C)C(=O)[C@H]3)cc1C2
vMpro-mp2-74	PV-001796088840	-10.2	0.319	434.534	REAL	Cc1ccc2c(c1)C(=O)[C@H]1(C)C(=O)N1c1ccc(C(=O)N3CC(C)C(=O)[C@H]3)cc1C2
vMpro-mp2-75	PV-001796254702	-10.2	0.319	434.534	REAL	Cc1ccc2c(c1)C(=O)[C@H]1(C)C(=O)N1c1ccc(C(=O)N3CC(C)C(=O)[C@H]3)cc1C2
vMpro-mp2-76	PV-001829216634	-10.2	0.392	354.536	REAL	CN(C)lccc1ccc(C(=O)N2CC(C)C(=O)[C@H]2[C]C[C@H]2[C]C[C@H]2)C3c1
vMpro-mp2-77	PV-001861981057	-10.2	0.352	429.725	REAL	Cc1nc(C(=O)Nc2ccc(F)C(C)C)cc3[nH]2m1-c1nnc(C(F)F)F)nH1
vMpro-mp2-78	PV-001878966052	-10.2	0.329	441.55	REAL	C[C@H]1[C]C[C@H]2(C)CCN2)Oc2ccc21)N1C[C@H]2[C@H]3C[C@H]1NC3)[C@H]2C1
vMpro-mp2-79	PV-001942555097	-10.2	0.319	449.475	REAL	C[C@H]1CNc2ccc(NC(=O)N3CC(C)C(=O)[C@H]4ccc(C(F)F)F)4)3)cc2[C]C[C@H]2(C)O1
vMpro-mp2-80	PV-001945739492	-10.2	0.34	410.387	REAL	Cc1cc(C)nc1-n2ccc2NC(=O)Nc2cc(-c3ccc(F)F)3)F)nH2)1
vMpro-mp2-81	PV-001946523931	-10.2	0.319	450.463	REAL	C[C@H]1CNc2ccc(NC(=O)N3CC(C)C(=O)[C@H]4ccc(C(F)F)F)4)3)cc2[C]C[C@H]2(C)O1
vMpro-mp2-82	Z1021035700	-10.2	0.319	456.972	REAL	O=C1Nc2cc(C)ccc2C1=C1CCN(C(=O)[C@H]2CCN(C(=O)N3CC(C)C(=O)C)C2)C1
vMpro-mp2-83	Z1071464848	-10.2	0.291	475.587	REAL	C[C@H]1O2ccc(C(=O)C3CCN(C(=O)N)[C@H]4CC(C)C[C@H]4)4ccc4)CC3)cc2NC1=O
vMpro-mp2-84	Z1090590728	-10.2	0.34	406.418	REAL	O=C1COc2ccc(C(=O)Nc3nc4ccc4n3Cc3ccc(C(F)F)F)cc4)H3)cc2)1
vMpro-mp2-85	Z1172231620	-10.2	0.352	379.462	REAL	O=C1nH1c(NC)C[C@H]2CC3c4ccc4C2c2ccc23)nc2ccc21
vMpro-mp2-86	Z1280619910	-10.2	0.34	400.481	REAL	Cc1ccc(-c2onc2C(=O)N2CC(C)C(=O)[C@H]3c3ccc4c(C)ccc4)H3)cc2)1
vMpro-mp2-87	Z1451755722	-10.2	0.34	403.441	REAL	Cc1ccc(NC(=O)c2ccc(C[C@H]3)C)NC(=O)NC3=O)c2)nc(Cc2ccc2)C1
vMpro-mp2-88	Z1452691933	-10.2	0.309	445.493	REAL	O=C(N[C]C[C@H]1[C@H]2[C@H]2C3ccc3[C]C[C@H]12)N(C(=O)lccc1)C1ccc(F)cc1
vMpro-mp2-89	Z1506513321	-10.2	0.319	434.474	REAL	O=C(Nc1ccc(F)F)l1nmm1[nH]1c1ccc(S(=O)(=O)N2Cc3ccc3C2)c1
vMpro-mp2-90	Z1668772547	-10.2	0.319	437.384	REAL	O=C(Nc1ccc2c2n1Cc1ccc(C(F)F)F)l1c1nc2[nH]j2c(=O)c2c1
vMpro-mp2-91	Z1684581535	-10.2	0.329	418.452	REAL	C[C@H](O)c1ccc2c(c1)CC2)c1nc(-c2ccc(C[C@H]3)NC(=O)N3=O)c2)nc1
vMpro-mp2-92	Z1684582500	-10.2	0.319	430.423	REAL	Cc1nc2nc(C3CC3)cc(-c3nc(-c4ccc(C[C@H]3)C)NC(=O)N3=O)c4)nc3)2c1
vMpro-mp2-93	Z1684583182	-10.2	0.309	439.474	REAL	Cc1ccc(-c2nc(-c3[nH]4c3nc(=O)c3ccc34)nc2)ccc21
vM						

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp8-nsp7.1-1	ZINC000017862766	-10.5	0.262	520.587	ZINC	O=C(Nc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-2	ZINC0000226404692	-10	0.227	586.642	ZINC	O=C(Oc1ccc(N2C(=O)[C@H]3[C@@H](C4)C[C@@H]3C2=O)cc1)C1=O
vNsp8-nsp7.1-3	ZINC000017988176	-9.9	0.248	521.571	ZINC	O=C(Oc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-4	PV-001940740368	-9.7	0.303	456.609	REAL	O=C(H)(CNC(=O)Nc1ccc(S(=O)(=O)N[C@H]2[C@@H]2C[C@@H]2C3)cc1)C1=O
vNsp8-nsp7.1-5	ZINC000013382161	-9.7	0.255	518.999	ZINC	C1=C(C1ccc1)Nc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-6	ZINC0000100505724	-9.7	0.262	488.542	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-7	ZINC000017988472	-9.6	0.24	533.666	ZINC	CC(C)(C)c1ccc(O=C(=O)C2CC(C)N3C(=O)[C@H]4[C@@H](C3=O)C3c5ccc5C4c4ccc43)CC2)cc1
vNsp8-nsp7.1-8	PV-001936962679	-9.5	0.274	473.599	REAL	Cc1ccc(N=C2N(=O)C=Cc3N(Cc4ccc5ccc5e4)4ccc43)2cc1
vNsp8-nsp7.1-9	PV-001936962679	-9.5	0.258	412.573	REAL	CCCCS(=O)(=O)Nc1ccc(S(=O)(=O)N[C@H]2[C@@H]2C[C@@H]2C3)cc1
vNsp8-nsp7.1-10	Z1239620028	-9.5	0.288	445.493	REAL	C[C@H]1c2ccc(F)cc2CCN1C(=O)N1C(=O)N[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-11	ZINC000015972085	-9.5	0.257	450.561	ZINC	Cc1ccc2c(c1)N(C(=O)[C@H]2[C@@H](C2)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-12	Z239283838	-9.4	0.261	483.541	REAL	C[C@H]1(c2ccc(F)cc2)N(C(=O)N(C)C[C@H]2C3c4ccc4C2c2ccc3)C1=O
vNsp8-nsp7.1-13	ZINC000000659879	-9.4	0.247	496.565	ZINC	O=C(c1ccc1c1)c1ccc2c(c1)N(C1=C(C1=O)[C@H]3[C@@H](C3ccc3)C1)C[C@@H]1(C)N2
vNsp8-nsp7.1-14	ZINC000001588361	-9.4	0.276	440.509	ZINC	Nc1Nc(-c2ccc(-c3ccc4ccc43)me(N)n2)cc(-c2ccc3ccc3c2)C1=O
vNsp8-nsp7.1-15	ZINC000002493490	-9.4	0.261	558.818	ZINC	O=C(C1=NN(c2ccc(C)cc2)[C@H]2C(=O)N(c3ccc(Br)cc3)C(=O)[C@H]2C1)ccc2ccc2c1
vNsp8-nsp7.1-16	ZINC000018246682	-9.4	0.241	513.548	ZINC	O=C(COC(=O)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O)ccc1
vNsp8-nsp7.1-17	ZINC0000100505726	-9.4	0.254	488.542	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-18	Z1472861059	-9.3	0.282	439.514	REAL	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N(C)C[C@H]2[C@@H]2C3)cc1
vNsp8-nsp7.1-19	Z448671386	-9.3	0.266	471.643	REAL	C[C@H]1CCN(C1(=O)N2CCN(C1=O)N(C)C[C@H]3C4c5ccc4C3c3ccc4C2)C1=O
vNsp8-nsp7.1-20	ZINC000000990509	-9.3	0.233	547.993	ZINC	O=C(COC(=O)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O)ccc1
vNsp8-nsp7.1-21	ZINC000000990510	-9.3	0.233	547.993	ZINC	O=C(COC(=O)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O)ccc1
vNsp8-nsp7.1-22	ZINC000097945320	-9.3	0.233	522.559	ZINC	O=C(Oc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-23	ZINC000097945321	-9.3	0.231	522.559	ZINC	O=C(Oc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-24	ZINC0000100505727	-9.3	0.251	488.542	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-25	ZINC0000100694082	-9.3	0.291	416.606	ZINC	C1=CC2C3C=CC(=O)C4C5C6C7C=C(C=C7)C5C4)C2C1C1C1C2C3C=C(C=C2)C=C3
vNsp8-nsp7.1-26	Z1038827768	-9.2	0.341	367.491	REAL	O=C1NCCN1c1ccc(C1=O)N2CC[C@H]2[C@@H]2C[C@@H]2C3)cc1
vNsp8-nsp7.1-27	Z1091587030	-9.2	0.279	443.458	REAL	C[C@H]1Oc2ccc(C(=O)N3C(=O)N[C@@H]1(C)C2ccc3ccc3c2)C1=O
vNsp8-nsp7.1-28	Z1158447919	-9.2	0.263	468.551	REAL	C[C@H]1Oc2ccc(C(=O)N3C(=O)N[C@@H]1(C)C2ccc3ccc3c2)C1=O
vNsp8-nsp7.1-29	Z1204289470	-9.2	0.279	441.529	REAL	CC(C)[C@H]1c2ccc2CCN1C(=O)N1C(=O)N[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-30	Z1643374763	-9.2	0.279	443.502	REAL	C[C@H]1COC2ccc2CCN1C(=O)N1C(=O)N[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-31	Z1725944097	-9.2	0.279	444.581	REAL	Cc1ccc(-n2nc(C1=O)N3CCC(=O)Nn2)cc(C1=O)N1C2C2C3)C1=O
vNsp8-nsp7.1-32	Z1744199641	-9.2	0.279	438.482	REAL	O=C1O[C@H]1c2ccc2C2c2C(C1=O)N3CC[C@H]2[C@@H]2C3)cc1
vNsp8-nsp7.1-33	Z1828838268	-9.2	0.307	432.381	REAL	O=C1Nc2ccc(S(=O)(=O)Nc3n[nH]c4ccc(C(F)F)cc43)cc2C1=O
vNsp8-nsp7.1-34	Z2187203011	-9.2	0.287	422.483	REAL	O=C1O[C@H]1c2ccc2C2c2C(C1=O)N3CCn4(cc5ccc5e4)C3)cc2C1=O
vNsp8-nsp7.1-35	Z2286275921	-9.2	0.341	380.874	REAL	CC(C)(C)c1ccc(C1=O)N2C(Cc3[nH]c4ccc4c3)2n1N1CC2c4[nH]c3ccc4c3c2C1
vNsp8-nsp7.1-36	Z362739648	-9.2	0.256	475.551	REAL	Cc1n[nH]n(C1=O)[C@H]2C(=O)N1c3ccc4e(c3)C3ccc43)2c1-c1ccc
vNsp8-nsp7.1-37	Z973896126	-9.2	0.271	448.525	REAL	Cc1ccc(C1=O)N2CCN(C1=O)N(C)C[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-38	Z997317242	-9.2	0.249	498.581	REAL	Cc1ccc(C1=O)N2CCN(C1=O)N(C)C[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-39	ZINC00008887245	-9.2	0.279	434.494	ZINC	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N(C)C(=O)c2ccc(-c3ccc3)cc2)C1=O
vNsp8-nsp7.1-40	ZINC000015971911	-9.2	0.249	490.561	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-41	ZINC000015972405	-9.2	0.249	494.525	ZINC	Cc1ccc2c1N(C(=O)[C@H]2[C@@H](C2)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-42	ZINC000018120083	-9.2	0.297	401.464	ZINC	O=C1[C@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-43	ZINC000095918522	-9.2	0.256	464.563	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-44	ZINC0000100237612	-9.2	0.249	490.561	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-45	ZINC0000102921683	-9.2	0.256	473.535	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-46	ZINC0000245377192	-9.2	0.249	488.542	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-47	ZINC0000408688101	-9.2	0.242	498.58	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-48	ZINC0000408730073	-9.2	0.249	485.538	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-49	ZINC0000409336222	-9.2	0.242	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-50	PV-001802120353	-9.1	0.294	425.409	REAL	C[C@H]1CN(C1=O)c2ccc(-c3ccc(C(F)F)cc3)cc2C1=O
vNsp8-nsp7.1-51	Z1239620241	-9.1	0.294	434.432	REAL	C[C@H]1c2ccc(F)cc2CCN1C(=O)N1C(=O)N[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-52	Z1280012976	-9.1	0.294	409.531	REAL	O=C(N(C)C[C@H]1CC2c2c(-c3ccc3)ccc2C1)C[C@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-53	Z1391353159	-9.1	0.276	445.493	REAL	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N(C)C(=O)N2C(C)C[C@H]1(C)C2ccc3ccc3c2)C1=O
vNsp8-nsp7.1-54	Z1417271037	-9.1	0.284	427.546	REAL	Cc1ccc(-n2nc(C1=O)N3CCC(=O)C3)OCC3ccc3c3c2C2C3)C1=O
vNsp8-nsp7.1-55	Z1585182982	-9.1	0.276	439.561	REAL	O=C(Nc1ccc(C#Cc2ccc2c1)n1n1CC[C@H]1c2n3n2CCCC3)C1=O
vNsp8-nsp7.1-56	Z167447402	-9.1	0.268	453.54	REAL	Cc1ccc(C2=CCN(C1=O)N3C(=O)N[C@@H]1(C)C2ccc3ccc3c2)C1=O
vNsp8-nsp7.1-57	Z1869157732	-9.1	0.294	413.476	REAL	O=C(c1ccc1c1)N1CC[C@H]1N2C(=O)N[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-58	Z1870102572	-9.1	0.284	425.487	REAL	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-59	Z1891946784	-9.1	0.268	447.493	REAL	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-60	Z1952432369	-9.1	0.294	416.519	REAL	O=C(N(C)C[C@H]1CCCN(C1=O)C[C@H]2[C@@H]3[C@@H](C2)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-61	Z1952716655	-9.1	0.303	400.524	REAL	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-62	Z2201098239	-9.1	0.325	385.506	REAL	C[C@H]1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-63	Z225649522	-9.1	0.268	449.509	REAL	Cc1ccc(C1=O)N2CCN(C1=O)N(C)C[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-64	Z2271073804	-9.1	0.253	474.519	REAL	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N(C)C(=O)c2ccc(-c3ccc3)cc2)C1=O
vNsp8-nsp7.1-65	Z650281252	-9.1	0.26	486.958	REAL	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N(C)C(=O)N2CCc3[nH]h4ccc(C1)cc4c3c2)C1=O
vNsp8-nsp7.1-66	Z970816588	-9.1	0.253	479.578	REAL	Cc1c(NC(=O)[C@H]2CC(=O)N1c3ccc4e(c3)C3ccc43)2c1-c1ccc
vNsp8-nsp7.1-67	Z970816588	-9.1	0.253	479.578	REAL	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N(C)C(=O)N2CCc3[nH]h4ccc(C1)cc4c3c2)C1=O
vNsp8-nsp7.1-68	ZINC000000629966	-9.1	0.284	415.491	ZINC	O=C1c2ccc3cc4ccc4c4ccc4oc3cc2C1=O
vNsp8-nsp7.1-69	ZINC000001266504	-9.1	0.26	456.456	ZINC	Nc1Nc(-c2ccc3ccc3c2)cc(-c2ccc(-c3ccc4ccc43)me(N)n2)1
vNsp8-nsp7.1-70	ZINC000001588362	-9.1	0.268	440.509	ZINC	O=C(c1ccc1c1)N1CCN2C(=O)c3ccc(-c4ccc(C(F)F)cc4)ccc3N(C(=O)[C@H]2C1
vNsp8-nsp7.1-71	ZINC000004235914	-9.1	0.26	479.457	ZINC	Cc1ccc(-c2n(-c3ccc3)cc2)C[C@H]2CC(=O)c3ccc4ccc4e243)cc1
vNsp8-nsp7.1-72	ZINC000004235924	-9.1	0.253	497.447	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-73	ZINC00000777873	-9.1	0.284	414.507	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-74	ZINC000008449797	-9.1	0.239	493.561	ZINC	CC(C)[C@H]1CC[C@H]1(C)C[C@H]1O(C1=O)c1ccc(N2C(=O)[C@H]3[C@@H](C2=O)C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-75	ZINC000013154493	-9.1	0.284	434.518	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-76	ZINC000013857706	-9.1	0.228	533.666	ZINC	Cc1ccc(C1=O)N2CCN(C1=O)N(C)C[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-77	ZINC000015971657	-9.1	0.253	476.535	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-78	ZINC000016362633	-9.1	0.268	448.477	ZINC	Cc1ccc(C1=O)N2CCN(C1=O)N(C)C[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-79	ZINC000017988475	-9.1	0.228	533.666	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-80	ZINC000018067970	-9.1	0.239	518.999	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-81	ZINC000018247105	-9.1	0.239	501.537	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H](C2=O)[C@H]3C2c4ccc4C3c3ccc3c2)C1=O
vNsp8-nsp7.1-82	ZINC000033509726	-9.1	0.268	441.493	ZINC	C[C@H]1C2ccc2N1C(=O)c1ccc2n3c4ccc4e4n3c2e1
vNsp8-nsp7.1-83	ZINC000097945493	-9.1	0.228	529.547	ZINC	COC(=O)c1ccc(Oc1=O)c2ccc(N3C(=O)[C@H]4[C@@H](C3=O)C3c5ccc5C4c4ccc43)2cc1
vNsp8-nsp7.1-84	ZINC0000101026429	-9.1	0.217	506.668	ZINC	c1ccc(N2CN(c3ccc3)N(C)C3ccc(C4=NN(c5ccc5)CN(c5ccc5)N4)c3)N2)c1
vNsp8-nsp7.1-85	ZINC0000138991166	-9.1	0.268	453.536	ZINC	Cc1ccc(Oc1=O)c2ccc(N3C(=O)[C@H]4CC(C)C[C@@H]1(c5ccc5)C[C@@H]4C3=O)cc(C1=O)C1
vNsp8-nsp7.1-86	ZINC0000223268229	-9.1	0.294	432.543	ZINC	C[C@H]1[C@@H]2[C@@H]3C=C[C@@H](C3)C[C@@H]2C(=O)N1c1ccc2c(c1)-c1ccc(N3C(=O)[C@H]4[C@@H]5C=C[C@@H](C5)C[C@@H]4C3=O)ccc1C2
vNsp8-nsp7.1-87	ZINC0000245310077	-9.1	0.222	539.633	ZINC	Cc1ccc(C1=O)N2CCN(C1=O)N(C)C[C@@H]1(C)C2ccc3ccc3c2C1=O
vNsp8-nsp7.1-88	ZINC0000253623932	-9.1	0.2			

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp8-nsp12.1-1	Z1024051824	-10.7	0.289	491.589	REAL	O=C1Nc2ccc2[C@H]1CCN(C(=O))C@H2CC(=O)N(c3ccc4e(3)Cc3ccc3-4)C2)CC1
vNsp8-nsp12.1-2	Z1452691933	-10.6	0.321	445.493	REAL	O=C(NC[C@H]1[C@@H]2C3ccc3[C@H]1)NCC(=O)C1ccc1OCC1ccc1Fcc1
vNsp8-nsp12.1-3	PV-001960160277	-10.5	0.35	399.493	REAL	C[C@H]1C(=O)Nc2ccc2CN1C(=O)N[C@@H]1C1ccc1c2ccc2cc1
vNsp8-nsp12.1-4	Z1716062271	-10.5	0.328	424.455	REAL	O=C1ccc1(N2C(=O)C3ccc3C2=O)N1CC[C@@H]1C1OCC1ccc1O
vNsp8-nsp12.1-5	Z685930754	-10.5	0.309	449.425	REAL	Cn1nc(-c2nc(-c3ccc(N4C(=O)c5ccc5C4=O)c3)O)2)c2ccc2cc1
vNsp8-nsp12.1-6	PV-001960115042	-10.4	0.385	363.46	REAL	C[C@H]1C(=O)Nc2ccc2CN1C(=O)N[C@@H]1C1ccc1c2ccc2cc1
vNsp8-nsp12.1-7	PV-001960430807	-10.3	0.322	424.503	REAL	C[C@H]1(NC(=O)N1C2ccc2N2C(=O)[C@H]1C1ccc1-c2ccc2CN)2cc1
vNsp8-nsp12.1-8	Z272412450	-10.3	0.294	491.546	REAL	O=C1CN1c2ccc3ccc(c23)S1(=O)=O)N1ccc1F(c(-c2nc3n2CCCC3)cc1
vNsp8-nsp12.1-9	Z29556548	-10.3	0.303	455.473	REAL	Cn1nc1(-O)NCC(=O)C@H2CC(=O)N(c3ccc4ccc34)C2)c2ccc2cc1=O
vNsp8-nsp12.1-10	ZINC00000659883	-10.3	0.271	496.565	ZINC	O=C1ccc1c1ccc2e(1)N1-C1(C)=O[C@H]1C(=O)C3ccc3C1)1[C@H]1C3ccc3C(=O)N21
vNsp8-nsp12.1-11	ZINC000012863900	-10.3	0.286	482.514	ZINC	C[C@H]12C(=O)N(c3ccc3C(=O)NCC4ccc(F)c4)c3C1(=O)N1CC1c3ccc3[nH]e12
vNsp8-nsp12.1-12	Z1025125890	-10.2	0.319	428.491	REAL	O=C(NNC(=O)N1CC(C)[C@H]2C(=O)Nc3ccc3C2)C1c1ccc2ccc2e1
vNsp8-nsp12.1-13	Z1742390315	-10.2	0.329	411.46	REAL	O=C1C[C@H]1(N2CC[C@@H]1)C(=O)Nc2ccc2C3(C(=O)N1c1ccc2ccc2e1
vNsp8-nsp12.1-14	Z2198667042	-10.2	0.319	433.377	REAL	O=C(Nc1n[nH]c2cc(F)cc12)c1ccc(C(=O)Nc2n[nH]c3cc(F)ccc23)cc1
vNsp8-nsp12.1-15	Z2495736500	-10.2	0.392	349.433	REAL	O=C1CN1C(=O)N[C@@H]2CCc3ccc3C2C2ccc2cc2N1
vNsp8-nsp12.1-16	ZINC000002250011	-10.2	0.309	459.911	ZINC	O/C(C)ccc1)=NC1=NN2C(=NC(c3ccc(C)cc3)=C[C@H]2ccc(F)cc2)N1
vNsp8-nsp12.1-17	ZINC00040868686	-10.2	0.276	484.554	ZINC	O=C(N1C(=O)[C@@H]2[C@H]1C1=O)C1c3ccc3C2c2ccc221)Nc1ccc(-c2ccc2)cc1
vNsp8-nsp12.1-18	PV-001957989977	-10.1	0.326	432.401	REAL	O=C1CN(C(=O)N[C@H]2C(=O)N(c3ccc(C(F)F)cc3)C2)C2ccc2N1
vNsp8-nsp12.1-19	PV-001958169076	-10.1	0.337	400.481	REAL	C[C@H]1(NC(=O)N1C2ccc2N2C(=O)[C@H]1C1ccc1-c2ccc2)cc1
vNsp8-nsp12.1-20	PV-001959107578	-10.1	0.337	403.456	REAL	C[C@H]1(NC(=O)N1C(=O)Nc2ccc2C1)ccc1-c2ccc(F)cc2)cc1
vNsp8-nsp12.1-21	PV-001960283614	-10.1	0.361	377.486	REAL	C[C@H]1[C@@H]1C(=O)Nc2ccc2CN1C(=O)N[C@@H]1C1ccc2(c1)CCCC2
vNsp8-nsp12.1-22	PV-001960695773	-10.1	0.374	379.483	REAL	C[C@H]1(NC(=O)N1C2ccc2N2C(=O)[C@H]1C1ccc1-c2ccc2)cc1
vNsp8-nsp12.1-23	Z1014269000	-10.1	0.281	481.594	REAL	O=C(NCC(=O)N1CC2ccc2e21)[C@H]1C[C@H]2CCCC[C@H]2N1C1(=O)ccc2ccc2e1
vNsp8-nsp12.1-24	Z1099605356	-10.1	0.316	433.377	REAL	O=C(Nc1n[nH]c2cc(F)cc12)c1ccc(C(=O)Nc2n[nH]c3cc(F)ccc23)cc1
vNsp8-nsp12.1-25	Z1217455627	-10.1	0.306	443.506	REAL	Cc1ccc2n1)C[C@@H]2N(C(=O)CN1C(=O)N[C@@H]1C1ccc1c2ccc2)C1=O
vNsp8-nsp12.1-26	Z1383818315	-10.1	0.289	458.472	REAL	O=C(Nc1c2ccc2e(=O)c2ccc21)Nc1ccc2(c1)C(=O)ccc2cc1
vNsp8-nsp12.1-27	Z1411891150	-10.1	0.326	434.417	REAL	Cc1ccc(-c2ccc(C(=O)N)C(=O)N[C@@H]3CCCC[C@H]3)mm1-c1ccc(C(F)F)cc1
vNsp8-nsp12.1-28	Z1472861059	-10.1	0.306	439.514	REAL	C[C@H]1(c2ccc3ccc3e2)NC(=O)N(CC(=O)N)[C@@H]2[C@H]3CC4ccc4e2C1=O
vNsp8-nsp12.1-29	Z1688896240	-10.1	0.337	413.354	REAL	O=C(Cc1ncc(-c2ccc3ccc3e2)O)N1c1ccc(C(F)F)cc1
vNsp8-nsp12.1-30	Z2008725225	-10.1	0.306	437.545	REAL	Cn1cc(-c2ccc3ccc3e23)mm1N1CC(C(=O)N)2CC3ccc3e2)CC1
vNsp8-nsp12.1-31	Z2154912715	-10.1	0.374	358.996	REAL	C[C@H]1Oc2ccc2[C@H]1N1C(=O)N[C@@H]1c2ccc3ccc3e2)C1=O
vNsp8-nsp12.1-32	Z2500778670	-10.1	0.374	360.412	REAL	O=C1CN1C(=O)C2ccc3ccc4(c23)CC4)Cc2ccc2N1
vNsp8-nsp12.1-33	ZINC000034757525	-10.1	0.266	509.583	ZINC	Cc1ccc(NC(=O)N2CC3c3nc(N4Cc5ccc5C4)nc(Oc4ccc(F)c4)c3)cc1
vNsp8-nsp12.1-34	ZINC000040374174	-10.1	0.297	470.595	ZINC	O=S(=O)(c1ccc2ccc2e1)N1CC2nc(-c3ccc3)nc(N3CCCC3)C2
vNsp8-nsp12.1-35	ZINC000408760211	-10.1	0.289	455.512	ZINC	O=C12c3ccc3C(c3ccc3)1)[C@H]1C1(=O)N(c3ccc3-c3ccc3)C(=O)[C@H]12
vNsp8-nsp12.1-36	ZINC000408760214	-10.1	0.289	455.512	ZINC	O=C12c3ccc3C(c3ccc3)1)[C@H]1C1(=O)N(c3ccc3-c3ccc3)C(=O)[C@H]12
vNsp8-nsp12.1-37	PV-001918438386	-10.323	413.519	REAL	Cc1ccc(NC(=O)N)C(=O)N2C3ccc3C1C[C@H]2c2ccc2)cc1	
vNsp8-nsp12.1-38	PV-001960283431	-10.3	0.37	363.46	REAL	C[C@H]1(NC(=O)N1CC(=O)Nc2ccc2C1)ccc1-c2ccc2)cc1
vNsp8-nsp12.1-39	PV-001960567229	-10.303	463.474	REAL	CN1C(=O)[C@H]1(NC(=O)N)CC2(c3ccc(F)c3)CCCC2)[C@H]1c1ccc(F)cc1	
vNsp8-nsp12.1-40	Z1020941934	-10.303	443.545	REAL	O=C1Nc2ccc2[C@H]1C1CCN(C(=O))C@H2CC(=O)N(c3ccc4e(c3)CC4)C2)CC1	
vNsp8-nsp12.1-41	Z1070219674	-10.278	499.953	REAL	O=C1Nc2cc(C)ccc2[C@H]1C1CCN(C(=O))c2ccc(N3C(=O)C4ccc4C3=O)cc2)CC1	
vNsp8-nsp12.1-42	Z1117336200	-10.294	461.564	REAL	C[C@H]1C2ccc2e2N1C1CCN(C(=O)N)C2ccc(C(=O)N3C(=O)CC3=O)cc2)CC1	
vNsp8-nsp12.1-43	Z1192942893	-10.313	427.463	REAL	Cn1cc(NNC(=O)[C@H]2C(=O)N(c3ccc4ccc34)C2)me2ccc2e1=O	
vNsp8-nsp12.1-44	Z14134091	-10.294	449.509	REAL	C[C@H]1(c2ccc3ccc3e2)NC(=O)N(CC(=O)N)2ccc2-c2ccc2)C1=O	
vNsp8-nsp12.1-45	Z1473414262	-10.294	448.525	REAL	O=C(NNC(=O)ccc1-c2ccc2)me2ccc21)N1C[C@H]1[C@H]2CC3ccc3e2)C1=O	
vNsp8-nsp12.1-46	Z1507813901	-10.333	394.473	REAL	O=C1c1ccc2ccc2e2ccc12)N1CCO[C@H]2(Cc3ccc3e2)C1	
vNsp8-nsp12.1-47	Z1580995160	-10.345	386.45	REAL	O=C(Nc1ccc(-c2ccc3e2)CCO3)c1)N1CCOe2ccc2C1	
vNsp8-nsp12.1-48	Z1581009374	-10.303	447.577	REAL	CC1CCN(C(=O)C2CCN(C(=O)N)C3ccc(-c4ccc5c(c4)CO5)c3)CC2)CC1	
vNsp8-nsp12.1-49	Z1620029751	-10.313	431.47	REAL	Cc1cc(F)c2nc(O)cc(C(=O)N3CCC(C(=O)N)c4n[nH]c5ccc5m4)3)cc2e1	
vNsp8-nsp12.1-50	Z1742966054	-10.357	373.455	REAL	O=C(NC[C@H]1[C@@H]2C3ccc3[C@H]1)N1CC[C@@H]1C1O)N1c1ccc1e2	
vNsp8-nsp12.1-51	Z1903496763	-10.303	441.529	REAL	Cc1ccc(NC(=O)N)C(=O)N2C3ccc3-c3ccc3e2)cc1C(=O)N1CCOCC1	
vNsp8-nsp12.1-52	Z1983282088	-10.313	435.479	REAL	O=C(CCN1C(=O)c2ccc2C1=O)CN1C(=O)N[C@@H]2[C@H]3C[C@H]2)CC1C[C@H]3)C1=O	
vNsp8-nsp12.1-53	Z2008683668	-10.303	436.518	REAL	Cn1cc(-c2ccc3ccc3e2)mm1N1CCN(C(=O)C2ccc3ccc3[nH]2)CC1	
vNsp8-nsp12.1-54	Z2016870234	-10.345	394.449	REAL	Cc1ccc(C)cc(-n2nc(NC(=O)N)3CCO4ccc(F)c4)c3)cc2)C1	
vNsp8-nsp12.1-55	Z2109647986	-10.345	390.525	REAL	O=C(NC[C@H]1[C@@H]2C3ccc3e21)N1C[C@H]1C2ccc2e21)[C@H]2OCC[C@H]21	
vNsp8-nsp12.1-56	Z2175485383	-10.313	435.425	REAL	O=C(N[C@H]1C[C@@H]2C(F)cc2)C1c1ccc2e(1)C1C[C@H]1C1ccc1)O)C2=O	
vNsp8-nsp12.1-57	Z2231284919	-10.313	448.415	REAL	CC1(C)CN(C(=O)C)ccc2e(=O)[nH]c3cc(F)ccc23)C[C@H]1C2ccc(F)cc2)O1	
vNsp8-nsp12.1-58	Z284415450	-10.286	491.546	REAL	O=C(N1c2ccc3ccc(c23)S1(=O)=O)Nc1ccc(-c2nnc3n2CCCC3)ccc1F	
vNsp8-nsp12.1-59	Z289110610	-10.286	487.583	REAL	Cc1ccc(-c2nnc3n2CCCC3)ccc1NC(=O)CN1c2ccc3ccc3e2)S1(=O)C2=O	
vNsp8-nsp12.1-60	Z3045322725	-10.345	389.497	REAL	O=C(N[C@H]1[C@@H]2[C@H]1C2ccc2e21)N1C[C@H]1C2CC3ccc3C[C@H]21	
vNsp8-nsp12.1-61	Z736933500	-10.286	491.567	REAL	C[C@H]1(c2ccc3ccc3e2)NC(=O)N(CC(=O)N)2CC3ccc3e2)C1=O	
vNsp8-nsp12.1-62	Z804128572	-10.278	496.59	REAL	O=C(Nn1cnc2c3e(c2e1=O)CCCC3)[C@H]1CC(=O)N(c2ccc3e2)C2ccc2-3)C1	
vNsp8-nsp12.1-63	Z992474436	-10.323	411.504	REAL	O=C(Nc1ccc2e(1)C1ccc1-2)N1C[C@H]1CCN(C(=O)N)2ccc2)cc1	
vNsp8-nsp12.1-64	Z996704354	-10.278	487.573	REAL	O=C(Nc1ccc(F)c1)C1CCN(C(=O)[C@H]2CCN(C(=O)C)3ccc4ccc34)C2)CC1	
vNsp8-nsp12.1-65	Z999727030	-10.278	481.554	REAL	NC(=O)c1ccc1n1CCN(C(=O)[C@H]2C(=O)N(c3ccc4e(c3)C1)ccc4)C2)CC1	
vNsp8-nsp12.1-66	ZINC00000781557	-10.286	482.515	ZINC	O=C1Nc2ccc(S(=O)(=O)N3ccc(O)cc(-c4e(O)ccc5ccc54)c3)ccc1e23	
vNsp8-nsp12.1-67	ZINC000005604654	-10.323	398.464	ZINC	c1ccc2e(1)-c1ccc1C2c1nnc1C2c3ccc3-c3ccc3e2)1	
vNsp8-nsp12.1-68	ZINC000008815915	-10.303	439.557	ZINC	O=C(Nc1ccc(NC(=O)C23CC4CC(C)C4)C2)C3c1Nc1ccc2ccc2e1	
vNsp8-nsp12.1-69	ZINC000008918388	-10.278	498.969	ZINC	C[C@H]12C(=O)N(c3ccc3C(=O)NCC4ccc4C1)c3C(=O)N1CC1c3ccc3[nH]e12	
vNsp8-nsp12.1-70	ZINC000008990006	-10.294	456.524	ZINC	NHC(C)=C1c1ccc2ccc2e12)c1nc(-c2cc3e(ccc4ccc43)cc2)O)S1	
vNsp8-nsp12.1-71	ZINC000012100055	-10.286	468.555	ZINC	C[C@H]1(C2CCN(C(=O)C)3ccc4ccc4n3)CC2)NC(=O)N(C2c3ccc3e2)C1=O	
vNsp8-nsp12.1-72	ZINC000043214914	-10.294	444.485	ZINC	O=C1c2ccc3ccc3e2C1(=O)[C@H]2C(C@H)3C(=O)C4ccc5ccc5e4C(=O)[C@H]3C1C@H]12	
vNsp8-nsp12.1-73	ZINC000059796308	-10.256	513.595	ZINC	Cc1ccc2e1NC1(=O)[C@H]2N2CC[C@@H]2[C@H]1C(=O)c2ccc3ccc3e2)C1=O	
vNsp8-nsp12.1-74	ZINC000059932650	-10.25	527.622	ZINC	Cc1ccc2e1c1CN1C(=O)[C@H]2N2CC[C@@H]2[C@H]1C(=O)c2ccc3ccc3e2)C1=O	
vNsp8-nsp12.1-75	ZINC000096116418	-10.27	491.498	ZINC	O=C1cc(-c2ccc2)cc2e1e(O)cc1e2[C@H]1C2ccc4ccc4n2e(O)CC4)CC(=O)O1	
vNsp8-nsp12.1-76	ZINC000105057277	-10.27	488.542	ZINC	O=C1[C@H]2[C@H]3C[C@H]2C(=O)N1c1ccc2e(1)-c1ccc(N3C(=O)[C@H]4[C@H]5C=C[C@H]5C=C[C@H]4)C2)CC1	
vNsp8-nsp12.1-77	ZINC000253623870	-10.27	488.498	ZINC	Cn1ccc(C=C2)O3c1ccc4c3[C@H]1(c3ccc5ccc5n3)CC(=O)O4)C2=O)2ccc2e1	
vNsp8-nsp12.1-78	ZINC000263586231	-10.27	488.498	ZINC	O=C1C[C@H]1C(=O)Nc2ccc(-c3ccc(C(F)F)cc3)2)C1[C@H]2CC[C@@H]2[C@H]2N1	
vNsp8-nsp12.1-79	PV-001801798049	-9.9	0.341	406.407	REAL	CN1C(C(=O)N)1ccc1NC(=O)CN2C(=O)N[C@@H]1C1ccc4ccc4C2=O)c1
vNsp8-nsp12.1-80	PV-001806921196	-9.9	0.291	459.505	REAL	Cc1ccc(C)cc(-n2nc(NC(=O)N)3CC(=O)Nc4ccc4C3)cc2)C1
vNsp8-nsp12.1-81	PV-001944971855	-9.9	0.341	389.458	REAL	Cn1nc(-c2ccc(F)cc2)Fcc1NC(=O)N1CC(=O)Nc2ccc2C1
vNsp8-nsp12.1-82	PV-001946570502	-9.9	0.341	397.384	REAL	Cc1cc(F)cc(-n2nc(NC(=O)N)3CC(=O)Nc4ccc4C3)cc2)C1
vNsp8-nsp12.1-83	PV-001954630926	-9.9	0.354	377.443	REAL	Cn1nc(-c2ccc(F)cc2)Fcc1NC(=O)N1CC(=O)Nc2ccc2C1
vNsp8-nsp12.1-84	PV-001955868254	-9.9	0.3	463.474	REAL	Cc1cc(F)cc(-n2nc(NC(=O)N)2CC3ccc3NC(=O)[C@H]2C3)cc2ccc2e1
vNsp8-nsp12.1-85	PV-001956054547	-9.9	0.354	377.486	REAL	CN1C(=O)[C@H]1C[C@@H]1(NC(=O)N)CC2(c3c(F)ccc3)F)CCCC2)[C@H]1c1ccc(F)cc1
vNsp8-nsp12.1-86	PV-001957670919	-9.9	0.33	405.54	REAL	O=C1CN(C(=O)N)C@H2CCCC[C@H]2C2ccc22)C2ccc2N1
vNsp8-nsp12.1-87	PV-001957970907	-9.9	0.319	423.53	REAL	Cc1ccc(N2CC[C@@H]1[C@@H]1(NC(=O)N)C@H]3c4ccc4C)CC[C@H]3C2)O)cc1
vNsp8-nsp12.1-88	PV-001958877663	-9.9	0.319	423.447	REAL	Cc1ccc(C(=O)N)2CCN(C(=O)N)C@H]3c4ccc4C)F)CC[C@H]3C2)cc1
vNsp8-nsp12.1-89	PV-001959311545	-9.9	0.354	384.45	REAL	Cc1ccc(-c2nnc(F)C)C)C(NC(=O)N)3C4ccc4NC(=O)C[C@H]3C2)cc1F
vNsp8-nsp12.1-90	PV-001959729887	-9.9	0.367	362.515	REAL	Cc1ccc2e1C1C@H]1(NC(=O)N)C[C@H]1CC(C)O)ccc(F)ccc3)C2
vNsp8-nsp12.1-91	PV-001960547630	-9.9	0.354	377.443	REAL	C[C@H]1CCC2ccc2[C@H]1NC(=O)N[C@@H]1C1ccc2ccc2C1
vNsp8-nsp12.1-92	PV-001961059778	-9.9	0.309	453.933	REAL	Cc1cc(F)C)C(NC(=O)N)2C3ccc3NC(=O)[C@H]2C3)ccc2e1
vNsp8-nsp12.1-93	PV-001961963419	-9.9	0.341	406.422	REAL	C[C@H]1(NC(=O)N)N1c1ccc2N2C(=O)[C@H]1C1ccc1-c2ccc2)cc1
vNsp8-nsp12.1-94	PV-001963137338	-9.9	0.319	421.499	REAL	O=C(NCC(F)F)cc1ccc(F)cc1F)N1C[C@H]2CC(C(=O)N)1C1ccc1e2
vNsp8-nsp12.1-95	PV-001963311729	-9.9	0.341	391.445	REAL	C[C@H]1(NC(=O)N)N1C2ccc2N2C(=O)[C@H]1C1ccc1-c2ccc2)cc1
vNsp8-nsp12.1-96	PV-001965045343	-9.9	0.354	384.45	REAL	Cc1ccc2e1C1C@H]1(NC(=O)N)N1C[C@H]1CC(C)O)ccc(F)ccc3)C2
vNsp8-nsp12.1-97	Z1014236248	-9.9	0.28			

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp8-nsp12.1-101	Z1151714823	-9.9	0.300	439.51	REAL	Cc1cccc(N2C(=O)N[C@@H](CCC(=O)N3Cc4cccc4-c4cccc4C3)C2=O)c1
vNsp8-nsp12.1-102	Z1157915550	-9.9	0.330	394.47	REAL	O=C(Cc1cccc2cccc12)NCC(=O)[C@@H]1C[C@@H]1c1ccc2cccc2c1
vNsp8-nsp12.1-103	Z1239253310	-9.9	0.300	442.45	REAL	O=C(Oc1cccc(C(=O)N2CCc3cccc3C2)c1)c1ccc(=O)nH1c2ccc(F)cc12
vNsp8-nsp12.1-104	Z1313928483	-9.9	0.300	441.53	REAL	O=C(NCC(=O)C1(O)Cc2cccc2C1)[C@@H]1Cc2cccc2CN1Cc1cccc1
vNsp8-nsp12.1-105	Z1391613886	-9.9	0.300	439.51	REAL	Cc1ccc(-c2oanc2C(=O)N2CC[C@@H](NC(=O)3ccc4cccc4C3)C2)ccc1
vNsp8-nsp12.1-106	Z1392038003	-9.9	0.309	426.44	REAL	Cc1ccn2c(NC(=O)c3cccc(C(=O)N4cnc5ccc(C)cn45)c3)ncn2c1
vNsp8-nsp12.1-107	Z1471726242	-9.9	0.291	449.55	REAL	Cc1ccc(=O)c(C(=O)N2CCc3cccc3[C@@H](c3cccc3)[C@@H]2C)nn1-c1cccc1
vNsp8-nsp12.1-108	Z1572735518	-9.9	0.396	341.45	REAL	CC1(CNC(=O)N2CC(=O)N[C@@H]3CCCC[C@@H]32)Cc2cccc2C1
vNsp8-nsp12.1-109	Z1581473271	-9.9	0.300	440.59	REAL	O=C(NC[C@@H]1CCCCN1C(=O)[C@@H]1C[C@@H]12)Cc1cccc12[C@@H]1C[C@@H]12)Cc1cccc12
vNsp8-nsp12.1-110	Z1626782290	-9.9	0.319	411.46	REAL	C[C@@H]1(c2ccc(C(=O)N3CC=C(c4cccc5cccc45)C3)cc2)N(C=O)N[C@@H]1=O
vNsp8-nsp12.1-111	Z1688127865	-9.9	0.300	436.51	REAL	Cc1ccc(-c2cc(C(=O)NCC(=O)N3C4c4cccc4C3)c3cccc32)ccc1
vNsp8-nsp12.1-112	Z1688207416	-9.9	0.300	442.47	REAL	C[C@@H]1(c2ccc3cccc3c2)N(C=O)N(CC(=O)N2CCNC(=O)c3cccc32)C1=O
vNsp8-nsp12.1-113	Z1715941472	-9.9	0.300	443.48	REAL	O=C(N[C@@H]1CCCCN1C(=O)c2ncc2-c2ccc(F)cc2)C1c1ccc2cccc2c1
vNsp8-nsp12.1-114	Z1741002788	-9.9	0.309	431.58	REAL	O=C(c1cccc1)N1CCC(NC(=O)N2C[C@@H](c3cccc3)[C@@H]3)CCCC[C@@H]32)CC1
vNsp8-nsp12.1-115	Z1766471540	-9.9	0.341	387.48	REAL	Cc1ccc(-c2cc(C(=O)N3CCO[C@@H]4(Cc5cccc54)C3)nH1)nc2cc1
vNsp8-nsp12.1-116	Z1869176890	-9.9	0.330	399.45	REAL	O=C(N1C(=O)N[C@@H](c2ccc3cccc3c2)C1=O)N1CC2cccc2C1
vNsp8-nsp12.1-117	Z1905093647	-9.9	0.319	411.46	REAL	CN1C[C@@H](C(=O)OCC(=O)c2ccc3c(e2)Cc2cccc2-3)cccc2C1=O
vNsp8-nsp12.1-118	Z1906392261	-9.9	0.309	428.47	REAL	O=C(NC1nc(-c2ccc(F)cc2)mo1)N1Cc2cccc2C1[C@@H]1c1cccc1
vNsp8-nsp12.1-119	Z2090589879	-9.9	0.354	373.49	REAL	O=C([C@@H]1C[C@@H]12)Cc1cccc12)N1C[C@@H](c2cccc2)[C@@H]2)COC[C@@H]21
vNsp8-nsp12.1-120	Z2180030269	-9.9	0.319	415.49	REAL	O=C(NCC(=O)c1ccc2cccc2c1)N[C@@H]1c2cccc2CC12CCOCC2
vNsp8-nsp12.1-121	Z218028876	-9.9	0.283	466.50	REAL	C[C@@H]1Oc2cccc2CN1(C(=O)NCC(=O)c2ccc(-c3cccc3)nc3cccc23)C1=O
vNsp8-nsp12.1-122	Z2187138452	-9.9	0.309	438.54	REAL	CN(C(=O)N[C@@H]1c2cccc2CC12CCOCC2)[C@@H]1CCO[C@@H](c2ccc(F)cc2)C1
vNsp8-nsp12.1-123	Z2231283323	-9.9	0.309	448.42	REAL	CC1(C)CN(C(=O)c2cc(-o)N)H1c3ccc(F)cc23[C@@H](c2ccc(C(F)F)cc2)O1
vNsp8-nsp12.1-124	Z2233376677	-9.9	0.319	410.48	REAL	C[C@@H]1(NC(=O)c2ccc3cccc3n2)CCN(C(=O)c2ccc3cccc3n2)C1
vNsp8-nsp12.1-125	Z2495480410	-9.9	0.396	335.41	REAL	O=C1CN(C(=O)N)Cc2ccc3c(e2)CC3C3Cc2cccc2N1
vNsp8-nsp12.1-126	Z2712646699	-9.9	0.354	375.51	REAL	O=C(C1Cc2cccc2CC1)N1C[C@@H](c2ccc2)C6@H]2COC[C@@H]21
vNsp8-nsp12.1-127	Z2852204389	-9.9	0.341	393.48	REAL	Cc1cc2(cc1C)O[C@@H]1(C(=O)N[C@@H]1)CC3(COCOC3)Oc3cccc3C1C2
vNsp8-nsp12.1-128	Z2878463306	-9.9	0.341	391.45	REAL	CN1C(=O)C[C@@H](c2nc(C[C@@H]3CCCC4cccc43)no2)C6@H]1c1ccc(F)cc1
vNsp8-nsp12.1-129	Z2920380486	-9.9	0.341	397.45	REAL	C[C@@H]1(C(=O)N)Nc2cccc2CN1(C(=O)N[C@@H]1)COC[C@@H](c2ccc(F)cc2)C1
vNsp8-nsp12.1-130	Z2940921742	-9.9	0.283	468.51	REAL	O=C(NC1ccc(C(=O)N2CCc3nc[H]e3C2)no1)OCC1c2cccc2-c2cccc2c1
vNsp8-nsp12.1-131	Z29554437	-9.9	0.283	469.50	REAL	CCn1nc(C(=O)NCC(=O)[C@@H]2CC(=O)N(c3cccc4cccc34)C2)c2cccc2c1=O
vNsp8-nsp12.1-132	Z3046166282	-9.9	0.341	392.50	REAL	O=C(N[C@@H]1Cc2cccc2CN1)N[C@@H]1C[C@@H]12)CCNC2)Oc2cccc2c1
vNsp8-nsp12.1-133	Z3093345685	-9.9	0.354	379.46	REAL	Cc1cc2(cc1C)O[C@@H]1(C(=O)N[C@@H]1)C[C@@H]3(COCOC3)Oc3cccc3C1C2
vNsp8-nsp12.1-134	Z13939470	-9.9	0.300	466.56	REAL	O=C(c1cccc1)N1CCN(C(=O)C2CCN(C3=NS(=O)=O)c4cccc43)CC2)CC1
vNsp8-nsp12.1-135	Z365661428	-9.9	0.275	499.47	REAL	Cc1ccc(C(=O)N2CCN(Cc3nc(-c4ccc(C(F)F)cc4)no3)CC2)c2ccc(F)cc2n1
vNsp8-nsp12.1-136	Z804800684	-9.9	0.291	455.49	REAL	O=C1CCc2ccc(F)cc(NC(=O)[C@@H]3CC(=O)N)N(c4ccc5c(e4)Cc4cccc4-5)C3)cc2N1
vNsp8-nsp12.1-137	Z87589679	-9.9	0.275	477.52	REAL	Cc1ccc(-c2cc(C(=O)NCC(=O)Cc3nc(C)C(=O)c4cccc34)c3cccc3n2)cc1
vNsp8-nsp12.1-138	Z997042788	-9.9	0.283	465.51	REAL	Cc1ccc(=O)c(C(=O)O)c2cccc(C(=O)N3CC4c4cccc4C3)nc2n1-c1cccc1
vNsp8-nsp12.1-139	ZINC000013564332	-9.9	0.268	504.97	ZINC	O=C(c1ccc(Cl)c1)[C@@H]1[C@@H]2C(=O)N(c3ccc4cccc43)C(=O)[C@@H]2[C@@H]2c3cccc3C=CN21
vNsp8-nsp12.1-140	ZINC000101835211	-9.9	0.283	479.56	ZINC	O=S(=O)N1cnc2n(n1)[C@@H](c1cccc1)C=C(c1cccc1)N2)c1ccc2cccc2c1
vNsp8-nsp12.1-141	ZINC000101835646	-9.9	0.275	493.59	ZINC	Cc1ccc(C[C@@H]2C=C(c3cccc3)Nc3nc(NS(=O)=O)c4ccc5cccc54)nn32)cc1
vNsp8-nsp12.1-142	ZINC000101893793	-9.9	0.300	456.38	ZINC	Cc1ccc(N2C(=O)[C@@H]3N=NN(C4nc(-c5ccc(C(F)F)cc5)no4)[C@@H]3)C2=O)cc1
vNsp8-nsp12.1-143	ZINC000181176531	-9.9	0.341	384.43	ZINC	O=C(Nc1cccc(-c2ccc3c(e2)CCO3)c1)[C@@H]1CC(=O)Nc2cccc2c1
vNsp8-nsp12.1-144	ZINC000263588750	-9.9	0.268	509.51	ZINC	O=C1C[C@@H](c2ccc(-c3nc4cccc43)no2)c2ccc3c(e3c3)cc(=O)cc(-c4cccc4)Fccc32)O1
vNsp8-nsp12.1-145	ZINC000408674325	-9.9	0.268	494.55	ZINC	CC1=CC[C@@H]2(C(=O)N)C3cccc(O[C@@H]2)C(=O)N(Cc5ccc6cccc65)C4)C3(=O)[C@@H]2C1
vNsp8-nsp12.1-146	PV-001809252325	-9.8	0.350	378.45	REAL	C[C@@H]1[C@@H](C[NH](NC(=O)c2ccc(-o)N)H1c3ccc(F)cc23)[C@@H](c2cccc2)C1
vNsp8-nsp12.1-147	PV-001809252324	-9.8	0.350	378.45	REAL	C[C@@H]1[C@@H](C[NH](NC(=O)c2ccc(-o)N)H1c3ccc(F)cc23)[C@@H](c2cccc2)C1
vNsp8-nsp12.1-148	PV-001838045179	-9.8	0.377	355.44	REAL	Cc1ccc(Cc2=NO[C@@H]1(C(=O)N3CC(=O)N[C@@H]1)C4CCCC[C@@H]43)C2)c1
vNsp8-nsp12.1-149	PV-001918438385	-9.8	0.316	413.52	REAL	Cc1cccc(NC(=O)N(C=O)CN2Cc3cccc3[C@@H]2)cccc2c1c
vNsp8-nsp12.1-150	PV-001944908065	-9.8	0.350	375.43	REAL	Cc1ccc(-n2nc(NC(=O)N3CC(=O)Nc4cccc4C3)cc2)cc1
vNsp8-nsp12.1-151	PV-001947214685	-9.8	0.338	393.39	REAL	O=C1CN(C(=O)N)Cc2ccc(-c3ccc(F)cc3)C2)Cc2cccc2N1
vNsp8-nsp12.1-152	PV-001949082297	-9.8	0.327	416.40	REAL	Cc1ccc(NC(=O)N2CCOCC3cccc3C2)nn1-c1ccc(C(F)F)cc1
vNsp8-nsp12.1-153	PV-001949085151	-9.8	0.316	429.40	REAL	Cc1ccc(NC(=O)N2CC(=O)Nc3cccc3C2)nn1-c1ccc(C(F)F)cc1
vNsp8-nsp12.1-154	PV-001955510765	-9.8	0.350	379.46	REAL	CCc1ccc2c1OCC[C@@H]2NC(=O)N1Cc2cccc2N(C=O)[C@@H]1C
vNsp8-nsp12.1-155	PV-001956016488	-9.8	0.338	391.51	REAL	C[C@@H]1(C(=O)N)Cc2cccc2CN1(C(=O)N[C@@H]1)CCCC[C@@H]1C1c1cccc1
vNsp8-nsp12.1-156	PV-001957335688	-9.8	0.363	363.46	REAL	O=C1CN(C(=O)N[C@@H]2CC[C@@H]2)C2cccc2N1
vNsp8-nsp12.1-157	PV-001957987799	-9.8	0.306	457.98	REAL	C[C@@H]1C[C@@H]1Cc2ccc(F)cc2[C@@H]1NC(=O)N1CCN(C(=O)Cc2ccc(Cl)cc2)[C@@H]1C1C1
vNsp8-nsp12.1-158	PV-001958455872	-9.8	0.338	385.47	REAL	O=C1CN(C(=O)N)Cc2ccc(-c3cccc3)cc2)Cc2cccc2N1
vNsp8-nsp12.1-159	PV-001960275433	-9.8	0.350	377.49	REAL	C[C@@H]1(C(=O)N)Cc2cccc2CN1(C(=O)N[C@@H]1)C1c1ccc2c1)CCCC2
vNsp8-nsp12.1-160	PV-001960919069	-9.8	0.297	463.47	REAL	CN1C(=O)C[C@@H](NC(=O)NCC2(c3ccc(F)cc3)F)CCCC2)[C@@H]1c1ccc(F)cc1
vNsp8-nsp12.1-161	PV-001961137748	-9.8	0.327	406.48	REAL	O=C1CN(C(=O)N)[C@@H]2CCCN(C(=O)Cc3cccc3)C2)Cc2cccc2N1
vNsp8-nsp12.1-162	PV-001962810693	-9.8	0.350	377.49	REAL	O=C1CN(C(=O)N)Cc2ccc(C3CCCC3)cc2)Cc2cccc2N1
vNsp8-nsp12.1-163	PV-001963213670	-9.8	0.316	420.51	REAL	C[C@@H](NC(=O)N1Cc2cccc2N(C(=O)[C@@H]1)C1c1ccc(N2CCCC2=O)cc1
vNsp8-nsp12.1-164	Z1023497304	-9.8	0.316	418.43	REAL	O=C(c1cc(=O)c2cccc2nH1)N1CCCC[C@@H](c2nc(-c3ccc(F)cc3)no2)C1
vNsp8-nsp12.1-165	Z10240668112	-9.8	0.297	439.51	REAL	O=C1Nc2cccc2[C@@H]1C1CCN(C(=O)[C@@H]2CC(=O)N)N(c3ccc4cccc43)C2=O)CC1
vNsp8-nsp12.1-166	Z1027495642	-9.8	0.316	411.46	REAL	CC(=O)N1c2cccc2C1[C@@H]1(C(=O)OCC(=O)c1ccc2c1)C1ccc1-2
vNsp8-nsp12.1-167	Z1067033518	-9.8	0.306	444.56	REAL	O=C(CNC(=O)C1CCN(c2nc3cccc3s2)CC1)N1c1ccc2cccc2c1
vNsp8-nsp12.1-168	Z1099605958	-9.8	0.306	433.38	REAL	O=C(Nc1nH1c2ccc(F)cc12)c1ccc(C(=O)Nc2nH1nH1c3ccc(F)cc23)nn1
vNsp8-nsp12.1-169	Z1103621774	-9.8	0.297	439.51	REAL	C[C@@H]1Cc2cccc2N1Cc1ccc1C(=O)NCC(=O)N1Cc1ccc2cccc2c1
vNsp8-nsp12.1-170	Z1128821654	-9.8	0.316	417.51	REAL	CC(=O)N1Cc2cccc2C1[C@@H]1(C(=O)N1)CC(C[C@@H]2C(=O)Nc3cccc32)CC1
vNsp8-nsp12.1-171	Z1181376000	-9.8	0.297	436.51	REAL	C[C@@H]1Cc2cccc2[C@@H]1NC(=O)NCC(=O)N1c1ccc(-c2cccc2)nc2cccc2
vNsp8-nsp12.1-172	Z1212622998	-9.8	0.306	428.50	REAL	CC(=O)N1Cc2cccc2[C@@H]1CC(=O)Nc1nH1nH1c2c1(-c1cccc1)nn2C
vNsp8-nsp12.1-173	Z1212623288	-9.8	0.327	398.43	REAL	Cc1ccc(-c2cc(C(=O)Nc3nH1H1e43c(-c3cccc3)mm4)om2)cc1
vNsp8-nsp12.1-174	Z1232916804	-9.8	0.327	402.47	REAL	O=C1C[C@@H](N)N2CC(Cc3cccc3F)CC2(=O)N1c1ccc2cccc2c1
vNsp8-nsp12.1-175	Z1239889878	-9.8	0.350	375.40	REAL	Cc1ccc2nH1c3c(e2c1)CN(C(=O)c1ccc(=O)nH1)ccc(F)cc12)CC3
vNsp8-nsp12.1-176	Z1260483075	-9.8	0.316	412.53	REAL	C[C@@H]1Cc2cccc2CN1(C(=O)C1CCN(C(=O)c2ccc3cccc3)CC1
vNsp8-nsp12.1-177	Z1263165231	-9.8	0.306	437.51	REAL	C[C@@H]1CN(C(=O)N)Cc2cccc2N1(C(=O)C2)CCCC3[C@@H]1C[C@@H](c2ccc(F)cc2)O1
vNsp8-nsp12.1-178	Z1279182018	-9.8	0.316	428.50	REAL	O=C([C@@H]1C[C@@H]1[C@@H]12)Cc1cccc12)N1CCCN(Cc2ccc(C(F)F)cc2)CC1
vNsp8-nsp12.1-179	Z1279472282	-9.8	0.306	424.54	REAL	O=C1c1ccc2cccc2c1)N1CCN(C(=O)[C@@H]2)C[C@@H]23)CCc2cccc23)CC1
vNsp8-nsp12.1-180	Z1283488639	-9.8	0.306	428.49	REAL	O=C(NCC(=O)N1)CCCC[C@@H]2(C(=O)N)Cc3cccc32)CC1c1ccc2cccc2c1
vNsp8-nsp12.1-181	Z1312645830	-9.8	0.306	425.53	REAL	C[C@@H]1CN(C(=O)c2ccc(C(=O)N3Cc4cccc4[C@@H](C)C3)c2)Cc2cccc2c1
vNsp8-nsp12.1-182	Z1313725294	-9.8	0.297	449.55	REAL	O=C([C@@H]1CCCCN1C(=O)c1ccc(=O)nH1)N1CCN(C2CCc3cccc3C2)CC1
vNsp8-nsp12.1-183	Z1314453644	-9.8	0.306	425.53	REAL	Cc1ccc2c1CCN(C(=O)c1ccc(C(=O)N3CC4c4)C)ccc4C3)C1C2
vNsp8-nsp12.1-184	Z1357118605	-9.8	0.316	419.50	REAL	C[C@@H]1CCc2c(F)ccc2[C@@H]1NC(=O)N1CN2c(Cc3cccc3)mm2C1
vNsp8-nsp12.1-185	Z1368707600	-9.8	0.306	434.49	REAL	O=C(c1ccc2cccc2c1)N1CCCC[C@@H](C(=O)N2CCc3c(F)ccc(F)cc3)C2)C1
vNsp8-nsp12.1-186	Z1375389621	-9.8	0.297	446.59	REAL	CN1CCN(C(=O)c2ccc2N(C(=O)N2CC[C@@H]3(Cc4cccc4)C3)C2)CC1
vNsp8-nsp12.1-187	Z1408677299	-9.8	0.316	415.49	REAL	O=C1Cc1ccc2cccc2c1)NCC(=O)N[C@@H]1CC2(CCC2)Oc2cccc2c1
vNsp8-nsp12.1-188	Z1410522214	-9.8	0.297	441.49	REAL	O=C(Nc1nc2cccc2c1)N[C@@H]1[C@@H]1CCCCN1(C(=O)c2ccc3cccc323)C1
vNsp8-nsp12.1-189	Z1413768132	-9.8	0.306	433.44	REAL	C[C@@H]1(c2ccc3cccc3c2)N(C(=O)N)CC(=O)N2CCOCC3cccc(F)cc3)C1=O
vNsp8-nsp12.1-190	Z1431636041	-9.8	0.297	441.49	REAL	CC1(C(=O)N)Cc2ccc(C(=O)N)N(C(=O)N)C[C@@H](C)C4cccc5cccc54)C3=O)cc21
vNsp8-nsp12.1-191	Z1446807423	-9.8	0.350	371.42	REAL	Fc1cccc1-c1nnc2ccc(NC1)C[C@@H]3(C)C[C@@H]4Cc5cccc5[C@@H]34)nn12
vNsp8-nsp12.1-192	Z1452372791	-9.8	0.316	408.46	REAL	Cc1ccc(-c2ncc(C(=O)Nc3nH1H1e43c(-c3cccc3)mm4)om2)cc1
vNsp8-nsp12.1-193	Z1471454329	-9.8	0.306	422.53	REAL	Cc1nc(C(=O)N)N2CCc3cccc3[C@@H](c3cccc3)[C@@H]2)nn1-c1cccc1
vNsp8-nsp12.1-194	Z1472908284	-9.8	0.306	422.53	REAL	C[C@@H]1[C@@H](C)C[C@@H](c2cccc2)C2cccc2CCN1C(=O)Cc1ccc2cccc2nH1c1
vNsp8-nsp12.1-195	Z1503246681	-9.8	0.306	427.55	REAL	O=C(NC1c1ccc2nH1c1=O)CC2)N[C@@H](c1cccc1)[C@@H]1C[C@@H]2cccc2c1
vNsp8-nsp12.1-196	Z1506264384	-9.8	0.377	343.43	REAL	O=C1c1ccc2cccc2c1)N1CCO[C@@H]2(C

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vNsp9-nsp9-1-1	Z996744910	-9	0.243	494.593	REAL	O=C(c1cc2ccc2[nH]1)N1CCN(C(=O)C2CCN(C(=O)c3ccc4ccc34)CC2)CC1
vNsp9-nsp9-1-2	Z743656142	-8.8	0.314	389.446	REAL	COCC(=O)COc1ccc(C(=O)OCC(=O)N[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)CC1
vNsp9-nsp9-1-3	Z1025324518	-8.6	0.253	455.56	REAL	O=C(NCC(=O)N1CCc2ccc2C1)Nc1ccc(N2CCc3ccc3C2)nc1
vNsp9-nsp9-1-4	Z458999179	-8.6	0.253	448.564	REAL	O=C(N[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)C(=O)N[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)CC1
vNsp9-nsp9-1-5	Z397588902	-8.6	0.246	463.536	REAL	O=C1O[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)C(=O)N3CCN(C4ccc5ccc5n4)CC3)CC21
vNsp9-nsp9-1-6	Z402807448	-8.6	0.253	450.54	REAL	C[C@H](C1nc(-c2ccc2)mo1)N1CCN(C(=O)c2ccc3c(-c2)-c2ccc3)CC1
vNsp9-nsp9-1-7	PV-00195296357	-8.5	0.258	441.573	REAL	Cc1ccc(NC1=O)c2ccc(NC1=O)N3CC4ccc4CC3)cc1
vNsp9-nsp9-1-8	Z1019375078	-8.5	0.23	494.549	REAL	O=C(NCC(=O)N1CCc2ccc2)N1NCC(=O)c1ccc(CO2ccc3ccc3c2)cc1
vNsp9-nsp9-1-9	Z1023498194	-8.5	0.23	496.497	REAL	O=C(c1ccc(N2C(=O)c3ccc3C2=O)c1)N1CC[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)CC1
vNsp9-nsp9-1-10	Z1095050508	-8.5	0.243	488.502	REAL	O=C(Nc1nc(-c2ccc3ccc3n2)nh1)lc1ccc(S(=O)(=O)N2ccc2F)c1
vNsp9-nsp9-1-11	Z1156365264	-8.5	0.25	453.497	REAL	O=C(CCN(C=O)c1ccc2ccc2e1)Nc1ccc(-c2ccc3c(-c2)OCC3)nc1
vNsp9-nsp9-1-12	Z1279860846	-8.5	0.293	390.485	REAL	C[C@H](C1(C=O)Nc2ccc3nh1eN4CCOCC4)nc3c2)CC2ccc2cc1
vNsp9-nsp9-1-13	Z1685539403	-8.5	0.283	400.481	REAL	c1ccc2c(c1)CC[C@H](C1nc(C3CCN(C4nc5ccc5)C3)nc1)C2
vNsp9-nsp9-1-14	Z2174896855	-8.5	0.258	439.51	REAL	O=C1O[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)C(=O)N3CC[C@H](C)CC21
vNsp9-nsp9-1-15	Z230413636	-8.5	0.25	450.54	REAL	Cc1ccc(-c2ccc(CN3CCN(C(=O)c4ccc5c(-c4)-c4ccc5)CC3)nc1)cc1
vNsp9-nsp9-1-16	Z2651942379	-8.5	0.236	480.566	REAL	O=C(C[C@H](C)[C@H]1CC(=O)Nc2ccc3c(-c2)C2ccc2-3)C1N1C2ccc2N2[C@H](O)C[C@H]2C1
vNsp9-nsp9-1-17	Z409843976	-8.5	0.243	487.583	REAL	Cc1ccc2nc(CN3CCN(C(=O)N)C4ccc5ccc6ccc65c4)CC3)nh1e1c1cc1
vNsp9-nsp9-1-18	Z448668286	-8.5	0.236	479.586	REAL	Cn1ccc2(N3CCN(C(=O)N)C[C@H]4C5c6ccc6c4C4ccc45)CC3)ncn21
vNsp9-nsp9-1-19	Z448918604	-8.5	0.236	479.539	REAL	C[C@H](N(C(=O)N)N(C(=O)O)C1ccc(CO2ccc3ccc3c2)cc1)C1ccc2ccc2[nH]1
vNsp9-nsp9-1-20	Z758711278	-8.5	0.23	494.597	REAL	CCc1ccc2c(C3CCN(C(=O)CC4nc5c(-cmm5-c5ccc5)C4=O)nh1)H4)CC3)clnh1c12
vNsp9-nsp9-1-21	ZINC000408976120	-8.5	0.243	451.488	ZINC	O=C(Nc1ccc2ccc2e1)lc1ccc2nc3c4ccc4e4nccc4e3me21
vNsp9-nsp9-1-22	Z1148372350	-8.4	0.227	497.549	REAL	O=C(Nc1ccc(C(=O)N2CCc3ccc3c2)cc1)C[C@H]1CCN(C2ccc3e(-c2)OCC3)C1=O
vNsp9-nsp9-1-23	Z1153384088	-8.4	0.233	494.476	REAL	O=C(NC1ccc(-n2ccc2)nc1)Nc1ccc(NC1=O)c2ccc(C(F)F)cc2cc1
vNsp9-nsp9-1-24	Z1158348688	-8.4	0.247	452.556	REAL	C[C@H](C1nc(-c2ccc2)mo1)N1CCN(C(=O)C[C@H]2[C@@H]3[C@@H]2[C@@H]3)CC1
vNsp9-nsp9-1-25	Z1602294442	-8.4	0.262	433.55	REAL	CC1(C)CC[C@H]2[C@@H]3[C@@H]2[C@@H]3)C(=O)Nc3ccc(C(=O)N4CCOCC4)cc3)ccc1c32
vNsp9-nsp9-1-26	Z1890552278	-8.4	0.247	449.469	REAL	O=C(Cc1nc(Cc2ccc3cc4ccc43)nc2)N1N1CC2nc1ccc1e2
vNsp9-nsp9-1-27	Z1976164250	-8.4	0.255	441.509	REAL	O=C(N[C@H]1CCc2nnc(-c3ccc(F)cc2)N)C[C@H]1[C@H]1c1ccc2ccc2e1
vNsp9-nsp9-1-28	Z226664332	-8.4	0.227	493.565	REAL	Nc1ccc(CN2CCN(C(=O)c3ccc4c(-c3)C[C@H](C)ccc3)OC4=O)CC2)nc2ccc1e2
vNsp9-nsp9-1-29	Z2624532205	-8.4	0.29	391.517	REAL	O=C(Nc1ccc2c(c1)CCCC2)N1CCc2nnc(N3CC3)cc2C1
vNsp9-nsp9-1-30	Z315128454	-8.4	0.233	489.485	REAL	C/C(=N/Nc1nc2(F)c(F)cc2[nH]1)lc1ccc(NC(=O)C[C@H]2N3ccc3NC2=O)cc1
vNsp9-nsp9-1-31	Z383457526	-8.4	0.247	458.524	REAL	Cc1ccc2CCN(C(=O)c3ccc4(-c)nc5nc43)CCCC5)CC2)nc2nc1
vNsp9-nsp9-1-32	Z645845304	-8.4	0.233	485.586	REAL	O=C(c1ccc2(-c)nc3nc2)C1CCCC3)N1CCN(C(=O)N2CCc3ccc3c2)CC1
vNsp9-nsp9-1-33	Z908875862	-8.4	0.233	481.594	REAL	O=C(Nc1ccc(C(=O)N2CC(CN3CC4ccc4C3)CC2)c1)C[C@H]1c2ccc2O1
vNsp9-nsp9-1-34	Z92055821	-8.4	0.233	499.502	REAL	O=C(CSc1nnc([C@H]2C)O3ccc3O2)nc1)Nc1ccc2c(c1)C(=O)c1ccc1C2=O
vNsp9-nsp9-1-35	Z988060630	-8.4	0.247	453.544	REAL	Cc1ccc2ccc(CNC(=O)Nc3ccc(C(=O)N4CCc5ccc54)cc3)nc21
vNsp9-nsp9-1-36	Z1022495902	-8.3	0.237	465.551	REAL	O=C(NCC(=O)N1CCc2ccc2C1)C[C@H]1CC(=O)Nc2ccc3e(-c2)C2ccc2-3)C1
vNsp9-nsp9-1-37	Z1025321958	-8.3	0.252	448.609	REAL	CC(C)C(c1ccc(N2CC(CN(=O)N)C(=O)N3CC4ccc4C3)CC2)cc1
vNsp9-nsp9-1-38	Z1027916538	-8.3	0.231	482.582	REAL	O=C(NCC(=O)N1CCc2ccc2C1)Nc1ccc(C(=O)N2CCc3ccc3c2)cc1
vNsp9-nsp9-1-39	Z1101912653	-8.3	0.231	479.535	REAL	O=C(Nc1ccc(N2C(=O)c3ccc3C2=O)c1)C1CCN(C(=O)C=Cc2ccc2)CC1
vNsp9-nsp9-1-40	Z1152269136	-8.3	0.244	471.434	REAL	O=C(Nc1ccc2e1(c1)OCC2)Nc1ccc(NC1=O)c2ccc(C(F)F)cc2cc1
vNsp9-nsp9-1-41	Z1157896444	-8.3	0.231	498.649	REAL	O=C(C[C@H]1[C@@H]1c1ccc2ccc2e1)N1CCN(Cc2nc3sc4c(-c3e)nc1)2)CCCC4)CC1
vNsp9-nsp9-1-42	Z1160969640	-8.3	0.237	484.579	REAL	O=C(Nc1ccc(N2CCc3ccc3C2)nc1)lc1ccc(-c2ccc3c(-c2)OCC3)nc1
vNsp9-nsp9-1-43	Z1250586272	-8.3	0.252	438.486	REAL	Cc1ccc(C(=O)N[C@H]2CC3c4ccc4C2c2ccc23)nc2nc(O)nh1e1c1cc1e2
vNsp9-nsp9-1-44	Z1273268389	-8.3	0.268	433.574	REAL	C[C@H](C1(C=O)Nc2ccc(-c3ccc(N4CCOCC4)nc3)CC2)C2ccc2cc1
vNsp9-nsp9-1-45	Z1323784801	-8.3	0.259	421.459	REAL	O=C(Nc1nc(NC(=O)C)ccc2ccc3c2)nh1)lc1ccc2ccc2e1
vNsp9-nsp9-1-46	Z1449091094	-8.3	0.244	449.552	REAL	O=C(NC[C@H]1[C@@H]1C2ccc3c3[C@H]12)c1ccc(C(=O)N[C@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-47	Z1685085221	-8.3	0.244	448.564	REAL	O=C(NC[C@H]1[C@@H]1C2ccc3c3[C@H]12)c1ccc(C(=O)N[C@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-48	Z17183268	-8.3	0.296	398.573	REAL	O=C1C[C@H](C)nc2(-c3ccc4[nH]c(-c)nc1)nc4c3)mo2)CN1c1ccc2e1(Cc1ccc1-2
vNsp9-nsp9-1-49	Z2014845245	-8.3	0.259	447.514	REAL	Cn1c(Cc2ccc2)nc1SCC(=O)N[C@H](C)[C@H]1[C@@H]1C2
vNsp9-nsp9-1-50	Z2108705053	-8.3	0.259	435.541	REAL	O=C(N[C@H]1CCc2ccc2OCC1)c1ccc(NC2=NS(=O)(=O)c3ccc3c2)cc1
vNsp9-nsp9-1-51	Z230394528	-8.3	0.244	455.56	REAL	O=C(NC1CCN(C(=O)c2ccc2F)CC1)N1C[C@H]2[C@@H]3[C@@H]2[C@@H]3)CC1
vNsp9-nsp9-1-52	Z230394528	-8.3	0.244	455.56	REAL	Cc1ccc(-c2ncc(CN3CCN(C(=O)c4ccc5[nH]c6c5c4)CCCC6)CC3)nc21
vNsp9-nsp9-1-53	Z2590314585	-8.3	0.307	371.44	REAL	Cc1nc2nc(C(=O)O)[C@H](C)[C@H](C)N(C)[C@H](C)[C@H]1C2)C3[C@@H]3)C4ccc4)nc21
vNsp9-nsp9-1-54	Z2902585873	-8.3	0.244	455.477	REAL	Cc1ccc(C2nccc(-c3ncc(-c4ccc(NNS(=O)O)C)C)C)C(=O)Nc1)C2)nc1
vNsp9-nsp9-1-55	Z33016959	-8.3	0.231	498.562	REAL	Cc1ccc(C(=O)NCC(=O)N)N(C(=O)c2ccc(CN3C(=O)c4ccc5ccc3c45)cc2)nc1
vNsp9-nsp9-1-56	Z383455608	-8.3	0.231	498.468	REAL	Cc1ccc2CCN(C(=O)c3nnc(-c4ccc(C(F)F)F)4e)C)cc3c(O)CC2)nc2nc1
vNsp9-nsp9-1-57	Z494517906	-8.3	0.231	483.523	REAL	C[C@H](N[C@H](=O)N)N(C(=O)c1ccc(CO2ccc3ccc3c2)cc1)lc1ccc2e1(O)CC2
vNsp9-nsp9-1-58	Z495834056	-8.3	0.231	499.957	REAL	O=C(Nc1cnc2e1(C)ccc2)N1NCC(=O)c1ccc(CO2ccc3ccc3c2)cc1
vNsp9-nsp9-1-59	Z654861696	-8.3	0.252	437.541	REAL	O=C(c1ccc2e1(c1)-c1ccc1C2)N1CCN(C(=O)N2CCc3ccc3c2)CC1
vNsp9-nsp9-1-60	Z741365778	-8.3	0.224	490.518	REAL	O=C(NCC(=O)C[C@H]1CC(c2ccc2)NO1)lc1ccc(CN2C(=O)c3ccc4ccc2c34)cc1
vNsp9-nsp9-1-61	Z74381502	-8.3	0.231	495.606	REAL	O=C(CSc1nnc(-c2ccc3ccc3c2)nc1)N1CCN(Cc2ccc3ccc3c2)CC1
vNsp9-nsp9-1-62	Z744367702	-8.3	0.244	455.604	REAL	C[C@H](CNC(=O)N)Nc1ccc(N2CCc3ccc3C2)nc1)N1CCc2ccc2C1
vNsp9-nsp9-1-63	Z746548344	-8.3	0.237	490.558	REAL	O=C(c1ccc(S(=O)(=O)Nc2ccc2F)c1)N1CCN(Cc2ccc3ccc3c2)CC1
vNsp9-nsp9-1-64	Z793728496	-8.3	0.231	489.526	REAL	O=C(COC(=O)[C@H]1CCN(C(=O)N2CCCC2)C1)Nc1ccc2c(c1)C(=O)c1ccc1C2=O
vNsp9-nsp9-1-65	Z937715906	-8.3	0.231	478.546	REAL	O=C(CCC(=O)lc1ccc2e1(c1)-c1ccc1C2)OCC(=O)N1CC2[nH]3ccc3c2C1
vNsp9-nsp9-1-66	Z954105534	-8.3	0.224	488.593	REAL	O=C(Nc1ccc(-n2ccc3ccc3c2)cc1)Nc1ccc(N2CCc3ccc3C2)nc1
vNsp9-nsp9-1-67	Z980286566	-8.3	0.237	464.524	REAL	O=C(Nc1ccc(C(=O)N2CCc3ccc3c2)cc1)lc1ccc(-c2ccc2)nc1
vNsp9-nsp9-1-68	Z992139876	-8.3	0.237	472.519	REAL	O=C(NCC(=O)N1CC[C@H](C)[C@H]2[C@@H]3[C@@H]2[C@@H]3)C(=O)Nc2ccc2e1
vNsp9-nsp9-1-69	ZINC00016292162	-8.3	0.244	448.477	ZINC	Cc1ccc(C2=NC(=O)C3ccc(C=C4N)C(=O)C4)cc1
vNsp9-nsp9-1-70	ZINC000223098740	-8.3	0.259	460.988	ZINC	O=C(Nc1nnc(-c2ccc(C)cc2)nc1)lc1ccc(CN2Cc3ccc3C2)cc1
vNsp9-nsp9-1-71	PV-00194649651	-8.2	0.241	456.505	REAL	CN(C)lc1ccc(NC(=O)N)N(C(=O)c2ccc(CO3ccc4ccc43)cc2)nc1
vNsp9-nsp9-1-72	Z1027916486	-8.2	0.241	459.548	REAL	Cc1nnc([C@H]2CCCN(C(=O)Nc3ccc(C(=O)N4CCc5ccc54)cc3)C2)nc1
vNsp9-nsp9-1-73	Z1074947666	-8.2	0.234	473.546	REAL	O=C(Nc1ccc(C(=O)N2CCc3ccc3c2)nc1)N1CCO[C@H](C)ccc2(F)c2C1
vNsp9-nsp9-1-74	Z1075913880	-8.2	0.222	497.549	REAL	O=C(Nc1ccc2e1(c1)OCCO2)N)N(C(=O)c1ccc(CO2ccc3ccc3c2)cc1)C1
vNsp9-nsp9-1-75	Z1094011376	-8.2	0.228	489.574	REAL	COc1ccc(NC(=O)N2CCN(C(=O)N3CCCC3)CC2)cc1O1C1ccc2ccc2n1
vNsp9-nsp9-1-76	Z1095049898	-8.2	0.241	452.517	REAL	O=C(Nc1nc(-c2ccc3ccc3n2)nh1)C1CCN(C(=O)C=Cc2ccc2)CC1
vNsp9-nsp9-1-77	Z1132550717	-8.2	0.241	456.544	REAL	Cc1ccc(NC1=O)c2ccc(NC1=O)N3CC4ccc4CC3)cc1
vNsp9-nsp9-1-78	Z1153383902	-8.2	0.228	497.519	REAL	O=C(Nc1ccc(N2CCCC2)lc1)Nc1ccc(NC(=O)c2ccc(C(F)F)cc2)cc1
vNsp9-nsp9-1-79	Z1160217482	-8.2	0.241	460.485	REAL	O=C(COC(=O)[C@H]1[C@@H]1C[C@H]1c1ccc2ccc2e1)N1CCN(C(=O)Nc1ccc2e1(O)CCCO2
vNsp9-nsp9-1-80	Z122907927	-8.2	0.256	445.542	REAL	O=C(NC[C@H]1CCc2ccc2C1)lc1ccc(NC2=NS(=O)(=O)c3ccc3c2)cc1
vNsp9-nsp9-1-81	Z1262345314	-8.2	0.248	437.541	REAL	CN1CCC(=O)Nc2ccc(C(=O)N)C[C@H]3CC4c5ccc5C3c4ccc34)cc21
vNsp9-nsp9-1-82	Z1315796391	-8.2	0.241	449.509	REAL	Cn1nc2c(c1)O)CN(C(=O)CCC(=O)lc1ccc3ccc4ccc3c1c3c45)CC2
vNsp9-nsp9-1-83	Z131821778	-8.2	0.228	496.633	REAL	O=C(c1ccc2e1(c1)-c1ccc1C2)N1CCN(Cc2nc3sc4c(-c3e)nc1)2)CCCC4)CC1
vNsp9-nsp9-1-84	Z135713990	-8.2	0.222	489.534	REAL	O=C(Cc1nc2ccc2[nH]1)N)N(C(=O)lc1ccc(CN2C(=O)c3ccc4ccc2c34)cc1
vNsp9-nsp9-1-85	Z1373694948	-8.2	0.256	449.573	REAL	C[C@H](C)[C@H](C)Nc1ccc(S(=O)(=O)N)C2(C)CCCC2)cc1lc1ccc2ccc2e1
vNsp9-nsp9-1-86	Z1374832514	-8.2	0.248	446.549	REAL	O=C(N[C@H]1[C@@H]1C2ccc3c3[C@H]12)c1ccc(C(=O)N[C@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-87	Z1472866131	-8.2	0.241	449.552	REAL	O=C(N[C@H]1[C@@H]1C2Cc3ccc3[C@H]2)lc1ccc(C(=O)N)C[C@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-88	Z1473258230	-8.2	0.273	418.563	REAL	O=C(N1CCN(Cc2nc3ccc3c2)CC1)N[C@H]1[C@@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-89	Z1474433863	-8.2	0.248	438.525	REAL	O=C(N[C@H]1[C@@H]1C2Cc3ccc3[C@H]2)lc1ccc(C(=O)N)C[C@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-90	Z1546798785	-8.2	0.256	442.404	REAL	Cc1ccc(NC1=O)nc2ccc(NC1=O)N3CC4ccc4CC3)cc1
vNsp9-nsp9-1-91	Z1610577213	-8.2	0.256	441.514	REAL	Cc1ccc2ccc2nc1N)N(C(=O)CSc1nnc(-c2ccc3ccc3c2)nc1
vNsp9-nsp9-1-92	Z1664538010	-8.2	0.273	397.441	REAL	c1ccc2cc(-c3nnc(C4CCN(C5ccc6nnc6n5)CC4)nc3)cc2e1
vNsp9-nsp9-1-93	Z1684580724	-8.2	0.256	424.459	REAL	C[C@H]1[C@@H]1C2ccc3c3[C@H]12)c1ccc(C(=O)N[C@H]2[C@@H]3[C@@H]2[C@@H]3)C4ccc4C[C@H]23)nc1
vNsp9-nsp9-1-94	Z1723443504	-8.2	0.265	410.476	REAL	Cn1c(O)nh1c2ncc(-c3ccc(C(=O)N)C[C@H]4[C@@H]5C6ccc6c6[C@H]54)cc3)cc21
vNsp9-nsp9-1-95	Z1915932083	-8.2	0.248	447.581	REAL	O=C(N[C@H]1CCc2[nH]1C)C3CCCC3)nc2C1)C1CCN(Cc2ccc3ccc3c2)CC1
vNsp9-nsp9-1-96	Z203542340	-8.2	0.248	478.596	REAL	O=C1CC[C@H]2[C@@H]3[C@@H]2[C@@H]3)C

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp9-nsp9.1-101	Z2182524186	-8.2	0.256	448.59	REAL	O=C(NC1CCN(c2nc3cccc3s2)CC1)N1CC[C@]2(CCc3cccc3O2)C1
vNsp9-nsp9.1-102	Z2204561306	-8.2	0.265	412.42	REAL	O=C1(C=C)C2C=CC(Oc3ccc(F)c3)C2C=C2c1cn2c1nccc1
vNsp9-nsp9.1-103	Z2264682626	-8.2	0.228	483.57	REAL	Nc1nc(CN2CCN(C(=O)c3ccc4c(=O)n5c(nc4c3)CCCC5)CC)nc2cccc12
vNsp9-nsp9.1-104	Z242688088	-8.2	0.241	489.99	REAL	C[C@]H(NC(=O)C)Sc1nc(=O)c2nnc-3cccc(C)c3c2[nH]1c1ccc2cccc2e1
vNsp9-nsp9.1-105	Z27148941	-8.2	0.222	492.53	REAL	C[C@]H(NC(=O)c1ccc2c1(C(=O)N)NC(=O)c1ccc(CNC2(=O)C3ccc4ccc2c34)cc1
vNsp9-nsp9.1-106	Z2843319202	-8.2	0.283	388.51	REAL	O=C1CC[C@]H(c2ccc(C(=O)N)3CCC4(Cc5ccc5c4)CC3)cc2N1
vNsp9-nsp9.1-107	Z301270256	-8.2	0.273	419.55	REAL	O=C(Nc1ccc(-c2ccc(N3CCOCC3)n2)cc1)[C@H](H)1CCc2cccc1
vNsp9-nsp9.1-108	Z316831972	-8.2	0.256	445.54	REAL	C[C@]H(H)Sc2ccc(C(=O)N)3CCN(C(=O)c4ccc5ccc45)CC3)cc2N1C=O
vNsp9-nsp9.1-109	Z340407600	-8.2	0.234	489.64	REAL	CC(C)c1ccc2c(C(=O)N)3CCN(C4cnc5c6c5c(=O)n7[H]4)CCC6(C)C3[nH]2c1
vNsp9-nsp9.1-110	Z383112800	-8.2	0.241	450.54	REAL	Cc1ccc(-c2nnc(CN3CCN(C(=O)c4ccc5c(4)C64cccc4-5)CC3)n2)cc1
vNsp9-nsp9.1-111	Z383452882	-8.2	0.256	429.53	REAL	Cc1ccc(N2CCN(C(=O)c3ccc4[nH]5c(=O)c4c3)CCCC5)CC2)n2ncc2n1
vNsp9-nsp9.1-112	Z407184134	-8.2	0.241	446.51	REAL	O=C(NC1c1ccc2cccc2n1)cc1ccc(C(=O)N)Cc2ccc3cccc3n2cc1
vNsp9-nsp9.1-113	Z424118300	-8.2	0.315	352.38	REAL	Cc1ccc2cccc2c(C)c1CC(=O)N1CCc2ccc(F)cc2
vNsp9-nsp9.1-114	Z486313780	-8.2	0.228	488.56	REAL	O=C(NC1c1ccc(C(=O)N)2CC(C)CC2)cc1Nc1ccc(C(=O)N)Cc2ccc(F)cc2cc1
vNsp9-nsp9.1-115	Z499064874	-8.2	0.248	465.58	REAL	Cc1ccc2c(n1)CC[C@]H(NC(=O)N)1CCN(S(=O)(=O)c3ccc4cccc4c3)CC1)C2
vNsp9-nsp9.1-116	Z499114828	-8.2	0.234	493.63	REAL	Cc1ccc2c(n1)CC[C@]H(NC(=O)N)1CCN(C3cnc4sc5c(=O)n7[H]3)CCCC5)CC1)C2
vNsp9-nsp9.1-117	Z507908380	-8.2	0.222	495.58	REAL	O=C(NC1c1ccc(N2CCCC2)nc1)NCC(=O)c1ccc(CO2ccc3ccc3c2)cc1
vNsp9-nsp9.1-118	Z510529426	-8.2	0.241	455.56	REAL	C[C@]H(NC(=O)N)Cc1ccc(N2CC3c3ccc3C2)nc1)ccc2c(=O)N)C(=O)N2
vNsp9-nsp9.1-119	Z511018740	-8.2	0.234	467.57	REAL	O=C(NC1c1ccc(N2CC3c3ccc3C2)nc1)C1CCN(c2nc3ccc3o2)CC1
vNsp9-nsp9.1-120	Z519140300	-8.2	0.265	431.52	REAL	O=C(N[C@]H1CCc2cccc2C1)ccc1(NC2=N)S(=O)(=O)C3ccc3c2cc1
vNsp9-nsp9.1-121	Z741366036	-8.2	0.234	466.50	REAL	O=C(NNC(=O)c1ncc2c1CCCC2)ccc(CNC2(C(=O)c3ccc4ccc2c34)cc1
vNsp9-nsp9.1-122	Z752463526	-8.2	0.222	499.61	REAL	Cc1ccc(CNC(=O)c2ccc(CNC(=O)N)3CC[C@]H(C)C(=O)N)4ccc(C)nc43)cc2cc1
vNsp9-nsp9.1-123	Z804171530	-8.2	0.228	479.58	REAL	O=C(NC1CCN(C(=O)c2ccc2)CC1)[C@]H1CC(=O)N(c2ccc3c(=O)C2ccc2-3)C1
vNsp9-nsp9.1-124	Z812723786	-8.2	0.222	493.61	REAL	O=C(Nc1ccc(CCC(=O)N)2CC(C)CC2)cc1)[C@]H1CC(=O)N(c2ccc3c(=O)C2ccc2-3)C1
vNsp9-nsp9.1-125	Z899145384	-8.2	0.228	479.49	REAL	O=C(NNC(=O)c1ccc2c1OCCO2)ccc(CNC2(C(=O)c3ccc4ccc2c34)cc1
vNsp9-nsp9.1-126	Z988062996	-8.2	0.228	482.63	REAL	O=C(NCCCN1CCc2cccc2C1)Nc1ccc(C(=O)N)2CCc3ccc3c2)cc1
vNsp9-nsp9.1-127	ZINC000034711653	-8.2	0.228	512.51	ZINC	O=C(NC1c1ccc2c(=O)COC2)ccc(-c2ccc(Oc3ccc(C(F)F)cc3)cc2)n1
vNsp9-nsp9.1-128	ZINC000034711978	-8.2	0.228	512.51	ZINC	O=C(NC1c1ccc2c(=O)COC2)ccc(-c2ccc(Oc3ccc(C(F)F)cc3)cc2)n1
vNsp9-nsp9.1-129	ZINC0000408640899	-8.2	0.241	450.54	ZINC	Cc1ccc(N2[C@]H(C)C(=O)N)3ccc(Oc4ccc5ccc54)cc3)CC2=O)cc1C
vNsp9-nsp9.1-130	PV-000249168010	-8.1	0.312	354.45	REAL	C=C1CC(C)(C(=O)N2[C@]H3[C](CNC1=O)[C@]H4CH44cccc4)C[C@]H3[C]2C1
vNsp9-nsp9.1-131	PV-001820093546	-8.1	0.261	417.48	REAL	Cc1ccc(-c2ccc(C(=O)N)3CCN(C(=O)N)4ccc(F)cc4)CC3)cc2
vNsp9-nsp9.1-132	PV-001825197417	-8.1	0.245	445.54	REAL	Cc1ccc(-c2ccc(C(=O)N)3CCN(C(=O)N)4ccc(F)cc4)CC3)cc2
vNsp9-nsp9.1-133	PV-001943488888	-8.1	0.245	458.44	REAL	C[C@]H1[C@]H(NC(=O)N)2ccc(CNC(=O)c3ccc(C(F)F)cc3)cc2n2nnc2
vNsp9-nsp9.1-134	PV-001944080597	-8.1	0.253	446.89	REAL	O=C(NNC(=O)c1ccc(CO2ccc3ccc3c2)cc1)Nc1ccc(C1n1
vNsp9-nsp9.1-135	PV-001945333845	-8.1	0.253	430.44	REAL	O=C(NNC(=O)c1ccc(CO2ccc3ccc3c2)cc1)Nc1ccc(F)n1
vNsp9-nsp9.1-136	PV-001948123031	-8.1	0.245	445.48	REAL	CC(C)c1ncc(NC(=O)N)NC(=O)c2ccc(CO2ccc4ccc4c3)cc2n1
vNsp9-nsp9.1-137	PV-001955902609	-8.1	0.253	433.59	REAL	Cc1ccc(C(=O)N)2CC(CNC(=O)N)C[C@]H3[C](C(=O)N)C[C@]H(C)C1(C)C2)cc1
vNsp9-nsp9.1-138	PV-001962078169	-8.1	0.253	440.63	REAL	CC(C)c1ccc(C2CCN(C(=O)N)C[C@]H3CCN(C(=O)N)4CCCC4)C3)CC2)cc1
vNsp9-nsp9.1-139	PV-001970435868	-8.1	0.261	440.41	REAL	O=C(N[C@]H1CCc2cccc2C1)ccc1(NC2=N)S(=O)(=O)C3ccc3c2cc1
vNsp9-nsp9.1-140	Z1003146774	-8.1	0.261	439.49	REAL	Cc1nnc(C)2ccc(S(=O)(=O)C3ccc4c5c(=O)nc4c3)CCCC5)cc12
vNsp9-nsp9.1-141	Z1015438138	-8.1	0.245	441.53	REAL	O=C(NCC(=O)N)1CCc2cccc2C1)Nc1ccc(N2CCc3ccc3c2)cc1
vNsp9-nsp9.1-142	Z1039648604	-8.1	0.253	435.53	REAL	C[C@]H(C)C(=O)N1CC(Cc2nc-c3ccc3n[nH]2)CC1)N1C(=O)C(=O)H2)CCCC[C@]H2)C1=O
vNsp9-nsp9.1-143	Z1067528868	-8.1	0.261	414.50	REAL	Cc1ccc(C(=O)N)2CC(CNC(=O)c3ccc4c(=O)C3ccc3c3-4)CC2)cc1
vNsp9-nsp9.1-144	Z1070573146	-8.1	0.245	447.53	REAL	C[C@]H1O2ccc(C(=O)N)3CCN(C(=O)N)4C5ccc5ccc54)CC3)cc2N1C=O
vNsp9-nsp9.1-145	Z1128836946	-8.1	0.245	432.48	REAL	O=C(Nc1ccc(-c2ccc3ccc3c2)nc1)ccc2c(=O)N)3c(nc2e1)CC3
vNsp9-nsp9.1-146	Z1128836973	-8.1	0.253	423.47	REAL	CC(=O)N1C[C@]H(C)C(=O)N2ccc(-c3ccc4ccc4c3)n2)O2ccc2cc1
vNsp9-nsp9.1-147	Z1128832876	-8.1	0.245	442.52	REAL	O=C(c1ccc(N2CCc3ccc3c2)cc1)N1CCN(C(=O)c2ccc(=O)nH)2cc1
vNsp9-nsp9.1-148	Z1137567349	-8.1	0.245	442.45	REAL	O=C(NC1c1ccc(-c2ccc(F)cc2)n1)ccc1COC2ccc3ccc3c2)cc1
vNsp9-nsp9.1-149	Z1151633265	-8.1	0.238	452.56	REAL	C[C@]H(C)C(=O)N(c1ccc2c2m1)N1CCN(C(=O)C)C[C@]H2)2ccc3ccc3)CC1
vNsp9-nsp9.1-150	Z1157881954	-8.1	0.238	472.57	REAL	Cc1ccc(NS(=O)(=O)c2ccc(NC(=O)C)C[C@]H3[C](C(=O)N)4ccc4ccc4c3)cc2)nc(C)n1
vNsp9-nsp9.1-151	Z1157905028	-8.1	0.245	438.57	REAL	Cc1ccc(N2CCN(C(=O)N)C[C@]H4[C](C(=O)N)4ccc5ccc5c4)CC3)cc2N1
vNsp9-nsp9.1-152	Z1157954700	-8.1	0.245	434.50	REAL	O=C(Nc1ccc(Cn2nc3ccc3c2=O)cc1)[C@]H1C[C@]H1c1ccc2ccc2n1
vNsp9-nsp9.1-153	Z1158237548	-8.1	0.238	452.56	REAL	Cc1ccc(-c2nnc(CN3CCN(C(=O)C)C[C@]H4[C](C(=O)N)4ccc5ccc5c4)CC3)cc2)cc1
vNsp9-nsp9.1-154	Z1177519426	-8.1	0.253	431.54	REAL	O=C(CCN(C(=O)N)1CCc2cccc2C1)Nc1ccc2c(=O)nc1n2CCCC1
vNsp9-nsp9.1-155	Z1206462936	-8.1	0.270	420.58	REAL	CNC(=O)N1CCN(C2nc3ccc3s2)CC1)[C@]H(C)1CCc2cccc2C1
vNsp9-nsp9.1-156	Z1278117353	-8.1	0.253	427.51	REAL	O=C1CCc2ccc(NC(=O)N)C3ccc(N4CC5ccc5ccc54)CC3)cc2N1
vNsp9-nsp9.1-157	Z1304563904	-8.1	0.253	426.52	REAL	Cn1nc2ccc1(=O)N1C(C(=O)N)C[C@]H11CC3ccc3ccc3C1)CCCC13)CC2
vNsp9-nsp9.1-158	Z1313096566	-8.1	0.238	447.50	REAL	O=C(NC1c1ccc2cccc2n1)cc1nnc(C(=O)N)Cc2ccc3ccc3n2)cc1
vNsp9-nsp9.1-159	Z131389876	-8.1	0.245	436.56	REAL	Cc1ccc2c(CN3CCN(C(=O)c4ccc5c(4)-6cccc4c5)CC3)cc(C)n2c1
vNsp9-nsp9.1-160	Z1314149838	-8.1	0.253	423.43	REAL	Cc1ccc(C(=O)N)2ccc(-c3ccc4ccc4c3)n2)nc2n(O)nH]2c1=O)cc12
vNsp9-nsp9.1-161	Z1314149843	-8.1	0.253	422.49	REAL	CN1CCC(=O)N2ccc(C(=O)N)3ccc(-c4ccc5ccc5c4)n3)ccc21
vNsp9-nsp9.1-162	Z133656968	-8.1	0.245	467.54	REAL	CC(=O)N1CCc2ccc(S(=O)(=O)C3ccc4c5c(=O)nc4c3)CCCC5)ccc21
vNsp9-nsp9.1-163	Z137251570	-8.1	0.245	440.46	REAL	Cn1ccc(NNC(=O)c2ccc(CO2ccc4ccc4c3)nc2)ccc2cc1e1=O
vNsp9-nsp9.1-164	Z1373795450	-8.1	0.245	445.57	REAL	C[C@]H(C)C(=O)N(C)C[C@]H1CCN(C2ccc(N3CCOCC3)n2)C1)ccc2cccc2c1
vNsp9-nsp9.1-165	Z1383810146	-8.1	0.253	440.48	REAL	O=C1c2ccc2c2(C(=O)2ccc(NC(=O)C)C[C@]H3)CC(=O)N3ccc3c3)CC2)cc1
vNsp9-nsp9.1-166	Z1402437962	-8.1	0.245	449.55	REAL	O=C(Nc1ccc(Cc(=O)N)2CCc3ccc3c2)cc1)N1CCO(C(=O)N)C[C@]H2)CCO2)C1
vNsp9-nsp9.1-167	Z1420802165	-8.1	0.245	446.55	REAL	O=C(N[C@]H1CCN(C(=O)C)2CCCC2)C1)ccc1COC2ccc3ccc3c2)cc1
vNsp9-nsp9.1-168	Z1437573219	-8.1	0.245	436.47	REAL	O=C(NC1c1ccc2cccc2n1)ccc1C(=O)N)Cc2ccc3ccc3n2)cc1
vNsp9-nsp9.1-169	Z1439421335	-8.1	0.245	442.56	REAL	O=C1c1ccc2c(=O)n3c(nc2e1)CC3)N1CC[C@]H2)C(=O)H)CCCN2c2cccc2C1
vNsp9-nsp9.1-170	Z1449090022	-8.1	0.253	443.53	REAL	O=C(NC[C@]H1)[C@]H2)C3ccc3[C@]H1)2)ccc(NC2=NS(=O)(=O)C3ccc3c2)cc1
vNsp9-nsp9.1-171	Z1449094407	-8.1	0.238	449.55	REAL	O=C(NC[C@]H1)[C@]H2)C3ccc3[C@]H1)2)ccc(NC(=O)N)C[C@]H2)C(=O)H3)C4cccc4)C[C@]H2)3)C1
vNsp9-nsp9.1-172	Z1453808091	-8.1	0.261	408.46	REAL	O=C(N1C[C@]H1)[C@]H2)C3ccc3[C@]H1)2)ccc(N2(=O)c3ccc3c2=O)C1
vNsp9-nsp9.1-173	Z1470610307	-8.1	0.279	386.45	REAL	Cc1ncc(-c2ccc(NC(=O)N)C[C@]H3)C[C@]H4)CC5ccc5c4)C3)cc2)O)nH]1
vNsp9-nsp9.1-174	Z1506267234	-8.1	0.245	439.51	REAL	O=C1O(C)C(=O)H2)ccc2C2ccc(C(=O)N)3CCO(C)C[C@]H4)CC5ccc5c4)CC3)cc21
vNsp9-nsp9.1-175	Z1545306425	-8.1	0.238	449.56	REAL	Cc1ccc(C)nc(-n2c(C(=O)N)C[C@]H3)CC4ccc5ccc5c3ccc3c4)cc2)C)n1
vNsp9-nsp9.1-176	Z1560099094	-8.1	0.261	438.53	REAL	O=C(Nc1ccc(-c2ccc(N3CCOCC3)n2)cc1)N1CCc2ccc(F)cc2C1
vNsp9-nsp9.1-177	Z1607819863	-8.1	0.279	413.88	REAL	O=C(NC[C@]H1)[C@]H2)C3ccc3[C@]H1)2)N(C)C[C@]H1)CCN(C2ccc(F)C)2)C1=O
vNsp9-nsp9.1-178	Z16226326	-8.1	0.245	453.48	REAL	O=C(CSc1nnc2[nH]3ccc3c3n12)Nc1ccc2c(=O)C(=O)c1ccc2C=O
vNsp9-nsp9.1-179	Z1662366531	-8.1	0.270	396.45	REAL	Cc1ccc(C)nc(-n2nc-c3nnc(C4ccc5ccc5c4)nc3)cc2)C)n1
vNsp9-nsp9.1-180	Z166952536	-8.1	0.261	417.46	REAL	CC(=O)N1CCc2ccc(C(=O)C3ccc4c5c(=O)nc4c3)CCCC5)ccc21
vNsp9-nsp9.1-181	Z1671603539	-8.1	0.253	429.48	REAL	Cc1ccc(NC(=O)N)NC(=O)c2ccc(CO2ccc4ccc4c3)cc2)nn1C
vNsp9-nsp9.1-182	Z1683536670	-8.1	0.238	448.48	REAL	O=C(Nc1ccc(-c2nc(C3ccc4ccc4n3)nc2)cc1)[C@]H1)Cc2ccc2O1
vNsp9-nsp9.1-183	Z1684693925	-8.1	0.253	442.50	REAL	O=S1(=O)N=C(N2ccc(-c3nc(C4C5ccc5ccc4)nc3)cc2)ccc2c1
vNsp9-nsp9.1-184	Z1685090849	-8.1	0.245	433.47	REAL	O=C1C[C@]H(c2nc(-c3ccc4[nH]5nc4c3)nc2)C)N1c1ccc2c(=O)C1ccc1-2
vNsp9-nsp9.1-185	Z1685539349	-8.1	0.270	402.46	REAL	c1ccc2c(=O)C[C@]H(C)C1)ccc1nnc(C3CCN(C4ccc5mmn5m4)CC3)n1C2
vNsp9-nsp9.1-186	Z1695553589	-8.1	0.245	442.56	REAL	O=C(Nc1ccc(N2CCc3ccc3c2)nc1)N(C)C[C@]H1)CCO(C(=O)N)C[C@]H2)C2)cc1
vNsp9-nsp9.1-187	Z1731314567	-8.1	0.261	419.52	REAL	O=C(Nc1ccc(C(=O)N)2CCCC2)cc1)N1CCC[C@]H2)C1)C(=O)N)C1
vNsp9-nsp9.1-188	Z17347363530	-8.1	0.253	434.49	REAL	C[C@]H1)C(=O)N)C(C)C[C@]H4)C3)CC3)ccc3c4)cc2)N(C(=O)N)C1=O
vNsp9-nsp9.1-189	Z1739745081	-8.1	0.245	439.48	REAL	Oc1ccc2ccc(N3CC(C)4nc(-c5ccc(-n6ccc6m5)nc4)CC3)nc21
vNsp9-nsp9.1-190	Z1763866145	-8.1	0.245	444.47	REAL	O=C(Nc1ccc(F)cc1)N1CCN(C(=O)c2ccc3[nH]4ccc4c(=O)c3c2)CC1
vNsp9-nsp9.1-191	Z1766154647	-8.1	0.279	382.46	REAL	C[C@]H(H)C[C@]H(C)C(=O)N)2CC(C)CC2)CCN1C(=O)c1ccc2[nH]3ccc3c3(=O)c2e1
vNsp9-nsp9.1-192	Z1865790844	-8.1	0.261	434.56	REAL	Cc1ccc2c1C1CC(=O)Nc1ccc(-c3ccc(N4CCOCC4)n3)cc1)CC2
vNsp9-nsp9.1-193	Z1890551640	-8.1	0.245	441.49	REAL	O=C(Cc1ccc(C)C(=O)N)2CC(C)CC2)cc1)ccc2c(=O)N)C1CC2
vNsp9-nsp9.1-194	Z1890553561	-8.1	0.245	435.49	REAL	O=C(Cc1ncc(C)C[C@]H2)C[C@]H2)2ccc3ccc3c2)N1)CCN2c1ccc1cc1
vNsp9-nsp9.1-195	Z1904991998	-8.1	0.279	396.53	REAL	C[C@]H(C)C(NC(=O)N)C[C@]H2)C[C@]H3)C[C@]H4)C[C@]H5)C[C@]H6)C[C@]H7)C[C@]H8)COC1cccc1
vNsp9-nsp9.1-196	Z1927956105	-8.1	0.253	425.49	REAL	Nc1ccc2c(n1)CCN(C(=O)C)C[C@]H1)CC(=O)N(c3ccc4c(=O)C3ccc3-4)C1)C2
vNsp9-nsp9.1-197	Z1948607584	-8.1	0.245	445.52</		

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp10-ppi1-1	Z1554585254	-8.8	0.267	447.494	REAL	CN1C(=O)NC2(CCN(C(=O)Nc3cccc5(4)c3)CC2)C1=O
vNsp10-ppi1-2	Z2002423492	-8.8	0.275	425.483	REAL	O=C1[C@@H]2[C@@H]3[C@@H]4[C@@H]2[C@@H]2(C(=O)O5cccc(C(=O)N6CC7cccc7C6)5)[C@@H]1[C@@H]3[C@@H]4
vNsp10-ppi1-3	PV-001940740368	-8.7	0.272	456.609	REAL	C[C@@H](CNC(=O)Nc1cccc(C(=O)N)[C@@H](C)[C@@H]2[C@@H]3CC1(C)[C@@H]3)cc1cccc1
vNsp10-ppi1-4	Z1907681358	-8.7	0.3	414.524	REAL	C=CCNS(=O)=O)c1cccc(C(=O)N)[C@@H](C)[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@@H]7[C@@H]8[C@@H]9[C@@H]10
vNsp10-ppi1-5	Z1313212974	-8.6	0.297	384.394	REAL	Cc1ccc(C(=O)N)N2C3cccc3-c3cccc32)nc2nc(O)[nH]j(=O)c12
vNsp10-ppi1-6	Z1684579926	-8.6	0.277	417.38	REAL	CN1(C(=O)2cccc(-c3nc(-c4cccc(C(=O)5C)NC(=O)NS5=O)c4)N3)cc2C1=O
vNsp10-ppi1-7	Z1766126310	-8.6	0.277	418.398	REAL	O=C1CCC2cccc(NC(=O)3ccc(F)cc4(=O)5ccc(F)ccc5[nH]j34)cc21
vNsp10-ppi1-8	Z1769366525	-8.6	0.269	436.471	REAL	Cc1cccc2nc(C3CCN(C(=O)CC4cnc5[nH]4)c(=O)[nH]j(=O)[n]5C)CC3)oc12
vNsp10-ppi1-9	ZINC000009211273	-8.6	0.246	472.547	ZINC15	Cc1ccc(=O)nc2ccc(NC(=O)3CCN(c4ncnc54nc45CCCC4)CC3)cc21
vNsp10-ppi1-10	Z1018313090	-8.5	0.25	481.939	REAL	C[C@@H](c2cccc(CNC(=O)N3CCC(c4nc5cc(C)ccc5O4)CC3)2)NC1=O
vNsp10-ppi1-11	Z1028479320	-8.5	0.236	492.51	REAL	C[C@@H](c2cccc(CNC(=O)N3CCC[C@@H](c4nc(-c5cccc(F)5)nc4)3)2)NC(=O)NC1=O
vNsp10-ppi1-12	Z1165732158	-8.5	0.25	447.457	REAL	O=C(Nc1ccc2nc(NC(=O)c3[nH]j4cccc34)ccc2e1c1n[nH]j2cccc12
vNsp10-ppi1-13	Z1905519675	-8.5	0.293	394.557	REAL	CCC[C@@H](CC1cccc1)NC(=O)N[C@@H](O)[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@@H]7[C@@H]8[C@@H]9[C@@H]10
vNsp10-ppi1-14	Z1907923722	-8.5	0.283	398.421	REAL	NC(=O)N1CC2ccc(NC(=O)c3cccc4e(=O)c5cccc5[nH]j34)cc21
vNsp10-ppi1-15	Z2140576210	-8.5	0.258	448.478	REAL	C[C@@H](c2cccc(C(=O)N3C[C@@H](C)C(=O)H4COCC(=O)N4)4cccc43)cc2)NC(=O)NC1=O
vNsp10-ppi1-16	ZINC000001862466	-8.5	0.243	455.468	ZINC15	Cc1nc(-c2ccc(C(=O)N3C[C@@H](C)C(=O)H4COCC(=O)N4)4cccc43)cc2)NC(=O)NC1=O
vNsp10-ppi1-17	PV-001941700947	-8.4	0.271	416.44	REAL	COC(=O)c1cccc(C#Cc2cccc(NC(=O)N)Nc3ccc(C(N)N)3)cc12
vNsp10-ppi1-18	PV-001951422452	-8.4	0.28	415.449	REAL	CN1C(=O)C(C)C(C)C(=O)2ccc(NC(=O)N3CCC4(C)CC3)NC(=O)N4(=O)cc21
vNsp10-ppi1-19	Z1002304938	-8.4	0.24	484.583	REAL	C[C@@H](c2cccc(CNc3nc(-c4cccc(e34)nc4sc5(c34)CCCC5)2)NC1=O
vNsp10-ppi1-20	Z1018313560	-8.4	0.255	445.521	REAL	C[C@@H](c2cccc(CNC(=O)N3CCC(c4ccc5cccc5[nH]4)CC3)2)NC(=O)NC1=O
vNsp10-ppi1-21	Z1027916398	-8.4	0.262	431.495	REAL	Cc1ncoc([C@@H]2CCCN(C(=O)N)3ccc(C(=O)N4CCC5cccc54)3)CC2)N1
vNsp10-ppi1-22	Z1333510772	-8.4	0.255	440.545	REAL	Cc1ccc2[nH]j(=O)N3[C@@H]4CCCN(C(=O)c5ccc6(C)ccc6[nH]5)j(=O)[C@@H]43)cc21
vNsp10-ppi1-23	Z1571381874	-8.4	0.262	446.49	REAL	Cn1nc2e(=O)[nH]j(CCC(=O)N)3ccc(O)c(-c4nc5cccc54)3)cc21
vNsp10-ppi1-24	Z1723430342	-8.4	0.227	499.525	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CCC(C(=O)Nc5ccc6(c5)OC6)CC4)3)cc21
vNsp10-ppi1-25	Z1723433805	-8.4	0.24	487.946	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CCC(c5nc6cc(C)ccc6O5)CC4)3)cc21
vNsp10-ppi1-26	Z1763864729	-8.4	0.255	443.477	REAL	O=C1ccc2[nH]j(C)3cccc3e(=O)c2e1)N1CCCN(C(=O)c2cccc2)FCC1
vNsp10-ppi1-27	Z1765661123	-8.4	0.262	437.365	REAL	Cn1nc2e(=O)[nH]j(C)N(C(=O)c3ccc(F)cc4(=O)c5ccc(F)ccc5[nH]j34)nc21
vNsp10-ppi1-28	Z185218180	-8.4	0.255	459.485	REAL	O=C(NNC(=O)c1[nH]j2cccc12)c1ccc(NC2=NS(=O)=O)c1ccc3ccc3e1
vNsp10-ppi1-29	Z2138775241	-8.4	0.28	449.511	REAL	O=C1NC(=O)C2(CCC(NC(=O)c3ccc4e(c3)SC3=NS(=O)=O)[C@@H]3)CC2)N1
vNsp10-ppi1-30	Z2160288385	-8.4	0.271	416.396	REAL	Cc1ccc(-c2nc(-c3ccc(O)[nH]j4cccc34)nc2)nc1c(=O)j(C)nc2C
vNsp10-ppi1-31	Z2178243476	-8.4	0.255	441.461	REAL	O=C1ccc2[nH]j(C)3cccc3e(=O)c2e1)N1CC(C)2ncc3(F)cc23)CC1
vNsp10-ppi1-32	Z228233828	-8.4	0.247	462.544	REAL	C[C@@H](C12ccc3c(cc2)C(CCC)C1(C)C)N1(C)C(=O)[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@@H]7[C@@H]8[C@@H]9[C@@H]10
vNsp10-ppi1-33	Z240397980	-8.4	0.255	473.596	REAL	O=C1CCN(C2=NS(=O)=O)c3ccc32)CC1)N1CCN(C(=O)N2CCCC2)CC1
vNsp10-ppi1-34	Z397589742	-8.4	0.24	483.547	REAL	O=C1c2cccc2S(=O)(=O)c2ccc(C(=O)N3CCN(c4ccc5cccc54)CC3)cc21
vNsp10-ppi1-35	Z511799576	-8.4	0.24	492.53	REAL	O=C(Nc1cccc(C(=O)N2CCN(C3=NS(=O)=O)c4ccc43)CC2)1)1ccc(F)cc1
vNsp10-ppi1-36	Z511805156	-8.4	0.24	497.525	REAL	O=C1nnc(-c2ccc(F)cc2)2e1C(C)2)N1CCN(C2=NS(=O)=O)c3ccc32)CC1
vNsp10-ppi1-37	Z651897218	-8.4	0.233	498.464	REAL	C[C@@H](C)Nc1(-c2ccc(C(F)F)cc2)nc1)N1CCN(C(=O)c2[nH]j3ccc3e23)CC1
vNsp10-ppi1-38	Z838336028	-8.4	0.24	475.547	REAL	Cc1nc(-c2ccc(NC(=O)N)3ccc(C(=O)N4C[C@@H](C)O)[C@@H]5[C@@H]6[C@@H]7[C@@H]8[C@@H]9[C@@H]10
vNsp10-ppi1-39	Z838768352	-8.4	0.227	497.549	REAL	C[C@@H](C)N(C(=O)c2ccc(CNC(=O)c3ccc(N4C(=O)c5cccc5C4=O)3)cc2)C[C@@H](C)O1
vNsp10-ppi1-40	Z925888868	-8.4	0.262	456.889	REAL	Cn1c(=O)[nH]j(=O)c2[nH]j(CCC(=O)N)3CCC(c4nc5cc(C)ccc5O4)CC3)cc21
vNsp10-ppi1-41	Z992145818	-8.4	0.227	493.609	REAL	O=C1c2cccc2cccc12)N1CCC[C@@H](C)C(=O)N2CC(C)C3nc3nc(-c4cccc4)N)H3)CC2)C1
vNsp10-ppi1-42	Z992637882	-8.4	0.233	483.526	REAL	C[C@@H](c2cccc(CNC(=O)N)3ccc(C(=O)N4CC5cccc54)3)cc2)NC(=O)NC1=O
vNsp10-ppi1-43	ZINC000003371634	-8.4	0.24	480.591	ZINC15	Cc1ccc(N2C(=O)c3ccc33/C(C=CNc3nc4sc5e(c43)CCCC5)C2=O)c(C)1
vNsp10-ppi1-44	ZINC000104854096	-8.4	0.24	480.591	ZINC15	CNC(=O)c1ccc(NC(=O)c2ccc(-c3nnc(-c4cccc(C)4)3)cc2)nn1
vNsp10-ppi1-45	PV-001810978558	-8.3	0.268	414.424	REAL	Cn1c(=O)c2ccc(NC(=O)c3ccc4cc(Br)cc4e(=O)3)cc2n(C)1
vNsp10-ppi1-46	PV-001817556233	-8.3	0.286	456.251	REAL	NC(=O)NC(=O)c1ccc(NC(=O)c2ccc(-c3ccc33)nc3e3)cc23e1
vNsp10-ppi1-47	PV-001819607343	-8.3	0.259	428.422	REAL	NC(=O)NC(=O)c1ccc(NC(=O)c2ccc(-c3ccc(C)cc3)nc3ccc23)cc1
vNsp10-ppi1-48	PV-001819607724	-8.3	0.259	444.877	REAL	Cc1ccc(C)nc(-n2[nH]j(=O)N3CCO[C@@H](c4ccc(S(C(=O)=O)3)CC3)cc2=O)nc1
vNsp10-ppi1-49	PV-001862353769	-8.3	0.259	457.51	REAL	COC(=O)c1ccc(C#Cc2cccc(NC(=O)N)Nc3ccc(C(F)F)cc3)cc21
vNsp10-ppi1-50	PV-001941699840	-8.3	0.252	454.407	REAL	COC(=O)c1ccc(C#Cc2cccc(NC(=O)N)Nc3ccc(F)cc3)cc21
vNsp10-ppi1-51	PV-001941700374	-8.3	0.268	422.39	REAL	Cc1ccc(C(=O)N)N2CCN(C(=O)c3ccc4cccc4[nH]3)CC2)nc1(=O)c12
vNsp10-ppi1-52	Z1000361640	-8.3	0.259	442.45	REAL	Cn1c(=O)[nH]j(=O)c2[nH]j(CCC(=O)N)3CCC(C(=O)Nc4ccc(F)cc4)CC3)cc21
vNsp10-ppi1-53	Z1000936108	-8.3	0.224	494.549	REAL	C[C@@H](c2cccc(CNC(=O)N)3CCC(C(=O)N)4cccc5(e4)C4)cccc54)3)cc2)NC(=O)NC1=O
vNsp10-ppi1-54	Z1000942970	-8.3	0.237	495.559	REAL	C[C@@H](c2cccc(CNC(=O)N)3CCC(C4=NS(=O)=O)c5cccc54)CC3)2)NC(=O)NC1=O
vNsp10-ppi1-55	Z1004161538	-8.3	0.237	474.495	REAL	Cc1nc(-c2ccc(NC(=O)N3CCC[C@@H](c4nc(-c5cccc(F)5)nc4)3)2)cc1=O)[nH]1
vNsp10-ppi1-56	Z1018320010	-8.3	0.252	446.509	REAL	C[C@@H](c2cccc(CNC(=O)N)3CCC(c4nc5cccc54)CC3)2)NC(=O)NC1=O
vNsp10-ppi1-57	Z1018322170	-8.3	0.252	447.494	REAL	C[C@@H](c2cccc(CNC(=O)N)3CCC(c4nc5cccc54)CC3)2)NC(=O)NC1=O
vNsp10-ppi1-58	Z1023595734	-8.3	0.252	481.963	REAL	Cn1c(S)nc2ccc(C(=O)N3CCC[C@@H](c4nc(-c5ccc(C)ccc5)4)3)cc21=O
vNsp10-ppi1-59	Z1024045698	-8.3	0.252	444.533	REAL	O=C1Nc2cccc2[C@@H]1C1CCN(C(=O)C2CCN(c3nc4cccc4O3)CC2)CC1
vNsp10-ppi1-60	Z1027885332	-8.3	0.252	448.457	REAL	Cc1nc(-c2cccc(NC(=O)N)3CCC[C@@H](c4nc(-c5ccc(F)5)nc4)3)cc2)nc1
vNsp10-ppi1-61	Z1069479690	-8.3	0.237	474.515	REAL	Cc1[nH]j(=O)nc1-c1ccc(C(=O)N2CCC(C(=O)c3ccc4e(c3)NC(=O)[C@@H](C)O4)CC2)cc1
vNsp10-ppi1-62	Z1071336810	-8.3	0.244	462.461	REAL	C[C@@H](C12ccc3c(cc2)C(C)CCN(C(=O)Nc4ccc5e(c4)C(=O)N5=O)CC3)cc2)NC1=O
vNsp10-ppi1-63	Z1092424798	-8.3	0.244	452.473	REAL	O=C(N)Nc1(-c2ccc2)nc1)[C@@H]1CC(=O)N1c2ccc3e(c2)C2cccc2-3)C1
vNsp10-ppi1-64	Z1098711166	-8.3	0.259	438.437	REAL	O=C(Nc1[nH]j2ccc(F)cc12)C[C@@H]1CCCC[C@@H](C)C(=O)N2n2[nH]j3ccc(F)cc23)C1
vNsp10-ppi1-65	Z1147771205	-8.3	0.237	493.562	REAL	Cc1ccc(-n2nc(C(=O)N3CCN(C4=NS(=O)=O)c5cccc54)CC3)3c2CC3)cc(F)1
vNsp10-ppi1-66	Z1270006322	-8.3	0.259	432.439	REAL	Cc1ccc(C(=O)N)N2CCN(C(=O)c3ccc4cccc4[nH]3)CC2)nc1(=O)c12
vNsp10-ppi1-67	Z1278114934	-8.3	0.268	416.484	REAL	O=C1CC2ccc(NC(=O)N3CCC(c4nc(-c5cccc5)nc4)3)CC2)cc12
vNsp10-ppi1-68	Z1281865420	-8.3	0.252	442.434	REAL	Cc1ccc(=O)ccc2ccc(O)C3ccc(C(=O)N)Nc4nc5nc[nH]45)cc3)cc21
vNsp10-ppi1-69	Z1313999761	-8.3	0.252	447.425	REAL	Cc1ccc(C(=O)N)Nc2ccc(NC(=O)c3ccc(F)cc3)cc2)nc2)nc1(=O)c12
vNsp10-ppi1-70	Z1391595476	-8.3	0.252	446.505	REAL	C[C@@H](C)N(C(=O)N)Nc2ccc(C(=O)N3CCC[C@@H](NC(=O)c4ccc5cccc54)3)cc2)nc1
vNsp10-ppi1-71	Z1447722636	-8.3	0.259	429.522	REAL	O=C(NC(=O)[C@@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]1)N1CCN(C2nc3ccc3c(=O)N)H2)CC1
vNsp10-ppi1-72	Z1466232901	-8.3	0.277	427.488	REAL	C[C@@H](C)N(C(=O)N)Nc2ccc3c(2)S(=O)(=O)CC3)CCN1c1ncnc2)nc12
vNsp10-ppi1-73	Z1623725880	-8.3	0.277	409.488	REAL	Cc1ccc2[nH]j3c(2e1)C[C@@H](NC(=O)N1CCCC2)C1)NC(=O)N(C)C2=O)CC3
vNsp10-ppi1-74	Z1683766366	-8.3	0.259	426.431	REAL	NC(=O)c1ccc(-c2noc(-c3ccc(NC(=O)O)C)C)H4C5cccc5O4)3)nc1
vNsp10-ppi1-75	Z1685319763	-8.3	0.259	422.447	REAL	C1nnc(-c2ccc(-c3noc(-c4ccc(-c5ccc6e(c5)CCO6)4)3)2)nc1
vNsp10-ppi1-76	Z1685321741	-8.3	0.252	443.466	REAL	Cc1ccc([C@@H]2)NC(=O)N3CCN(c4ccc(-c5nnc(C)H)5)4)nc3)C2=O)cc1
vNsp10-ppi1-77	Z1723432535	-8.3	0.237	473.507	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CCC(NC(=O)c5ccc(F)cc5)CC4)3)cc21
vNsp10-ppi1-78	Z1723433681	-8.3	0.224	496.569	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CCC(NC(=O)N5CC6cccc6)CC4)3)cc21
vNsp10-ppi1-79	Z1723436102	-8.3	0.244	451.529	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CCC(c5ccc6cccc6)H)5)CC4)3)cc21
vNsp10-ppi1-80	Z1723437642	-8.3	0.237	473.531	REAL	Cc1ccc(C(=O)N)N2CCN(C(=O)c3ccc(-c4nc5[nH]j(=O)nc5)4)3)CC2)c(C)O1
vNsp10-ppi1-81	Z1723438078	-8.3	0.231	480.527	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CCC(c5nc(-c6cccc6)nc5)CC4)3)cc21
vNsp10-ppi1-82	Z1723445289	-8.3	0.244	446.509	REAL	Cn1c(=O)[nH]j2ccc(-c3ccc(C(=O)N4CC=C(c5cccc5)6)C4)3)cc21
vNsp10-ppi1-83	Z1728533456	-8.3	0.268	424.499	REAL	O=C(O)[C@@H]1[C@@H]2[C@@H]3CC[C@@H]2N1(C)O)C[C@@H]1CCN(C(=O)O)c2ccc3c(N)H)cc3)2)C1
vNsp10-ppi1-84	Z17955407	-8.3	0.237	498.918	REAL	Cc1ccc(=O)ccc2ccc(OCC(=O)N3CCN(C(=O)C)C)H4C5cccc5O4)3)cc1
vNsp10-ppi1-85	Z1896762151	-8.3	0.259	431.455	REAL	O=C(N)Nc1ccc2cccc2n1)[C@@H]1CN(Cc2nc3ccc3c(=O)N)H2)CCO1
vNsp10-ppi1-86	Z2008564505	-8.3	0.252	444.513	REAL	Cc1ccc(-c2nnc(N3CCC(C(=O)Nc4ccc(F)cc4)CC3)2)C2)cccc21
vNsp10-ppi1-87	Z2032903082	-8.3	0.244	447.457	REAL	O=C(Nc1ccc2nc(NC(=O)N)3ccc4nc4e3)ccc21)1ccc2nnc21
vNsp10-ppi1-88	Z203498158	-8.3	0.244	455.513	REAL	Cc1nc(NC(=O)c2ccc(CO)3ccc4e(C)cc(=O)4e3)cc2)nc21CCCC2
vNsp10-ppi1-89	Z2087642860	-8.3	0.244	447.457	REAL	O=1[nH]j(=O)c2nnc(-c3ccc(Cn4nnc(-c5cccc5)nc4)3)2)ccc2cc12
vNsp10-ppi1-90	Z2099250020	-8.3	0.252	444.49	REAL	O=C1COCC[C@@H](C)C[C@@H]2CCN(C(=O)c3ccc4e(=O)nc5(nc4e3)CC5)3)ccc3)N2
vNsp10-ppi1-91	Z2099940140	-8.3	0.268	437.435	REAL	Cc1ccc(=O)ccc2ccc(NC(=O)O)c3ccc4e(c3)S(=O)(=O)Nc3nnc3-4)cc12
vNsp10-ppi1-92	Z2140567616	-8.3	0.252	448.478	REAL	C[C@@H](c2cccc(C(=O)N3C[C@@H](C)C(=O)H4COCC(=O)N4)4cccc43)2)NC(=O)NC1=O
vNsp10-ppi1-93	Z2147310569	-8.3	0.252	444.533	REAL	CC(=O)N1C[C@@H]2[C@@H]3CC[C@@H]2N1(C)O)C[C@@H]1CCN(C(=O)O)c2ccc3c(N)H)cc3)2)C1
vNsp10-ppi1-94	Z2157919690	-8.3	0.277	402.409	REAL	C[C@@H](c2cccc(-c3noc([C@@H]4)5[C@@H]6[C@@H]7[C@@H]8[C@@H]9[C@@H]10
vNsp10-ppi1-95	Z2177645584	-8.3	0.259	437.542	REAL	CC(=O)N1C[C@@H

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vNsp10-nsp14.1-1	ZINC000002859412	-9.6	0.267	472.50	ZINC	Cc1ccc(-c2nc3cccoc3o2)cc1NC(=O)C1ccc(-c2cc3cccoc3cc2=O)c1
vNsp10-nsp14.1-2	Z1024047020	-9.5	0.271	466.54	REAL	O=C1O[C@H](c2ccc2)Cc2cc(C(=O)N3CCC(C[C@H]4C(=O)N5ccc5c4)CC3)ccc21
vNsp10-nsp14.1-3	ZINC000008427408	-9.5	0.279	448.48	ZINC	Cc1ccc(C=C2N=C(c3ccc(C4=N/C(=C5ccc(C)cc5)O4)C3)OC2=O)cc1
vNsp10-nsp14.1-4	Z2002423492	-9.4	0.294	425.48	REAL	O=C1[C@H]2[C@H]3[C@H]4[C@H]5[C@H]2[C@H]3[C@H]2(C(=O)O)C5ccc(C(=O)N6CC(C7ccc(C6)cc7)C)C@H]1[C@H]3[C@H]4[C@H]2
vNsp10-nsp14.1-5	Z2524819091	-9.4	0.276	477.67	REAL	CC(C)NC(=O)Cc1ccc1C(=O)N1C[C@H]2CC[C@H]1[C@H]1CN(Cc3ccc3)C[C@H]21
vNsp10-nsp14.1-6	Z298644866	-9.4	0.276	449.51	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CC=C(C4=C(c1)Nc5ccc45)CC3)cc21
vNsp10-nsp14.1-7	ZINC00088090785	-9.4	0.261	482.56	ZINC	CN1c2ccc2C(=O)N2CCc3c4ccc4n(CCC(=O)N)C4ccc4F3c3[C@H]12
vNsp10-nsp14.1-8	Z113628018	-9.3	0.266	470.48	REAL	C[C@H](OC(=O)c1ccc2e(c1)C[C@H](c1ccc1)OC2=O)C(=O)N1CC(=O)Nc2ccc21
vNsp10-nsp14.1-9	Z225722736	-9.3	0.258	482.58	REAL	O=C1NC(=O)C2(CCN(C(=O)c3ccc(-c4ccc(C5CCCC5)cc4)nc4ccc34)CC2)N1
vNsp10-nsp14.1-10	ZINC000001588362	-9.3	0.274	440.51	ZINC	Nc1nc(-c2ccc3ccc3c2)ccc(-c2cc(-c3ccc4ccc43)nc1n)nc21
vNsp10-nsp14.1-11	Z110300110	-9.2	0.271	446.51	REAL	O=C(Cc1ccc(Nc2ccc3mcc(-c4ccc4)nc3)cc1)N1CCc2ccc21
vNsp10-nsp14.1-12	Z1549426862	-9.2	0.287	424.46	REAL	O=C(Nc1c[nH]n1-c1ccc1)c1ccc1NC(=O)[C@H]2C3ccc3c3O2)c1
vNsp10-nsp14.1-13	Z1943429978	-9.2	0.287	424.46	REAL	O=C(Nc1ncn1-c1ccc1)c1ccc1NC(=O)[C@H]2C3ccc3c3O2)c1
vNsp10-nsp14.1-14	Z401414116	-9.2	0.279	460.60	REAL	CN1CCC2(CC1)C[C@H](NS(=O)=O)c1ccc3c(c1)Cc1ccc1-3)c1ccc1O2
vNsp10-nsp14.1-15	Z607062516	-9.2	0.279	437.50	REAL	O=C(Nc1ccc(C(=O)N2CCc3[nH]c4ccc4c3C2)c1)C[C@H]1Cc2ccc2O1
vNsp10-nsp14.1-16	Z95872423	-9.2	0.271	452.51	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CCC(c4m5ccc4m5)CC3)ccc21
vNsp10-nsp14.1-17	ZINC000002908937	-9.2	0.249	494.45	ZINC	O=c1oc(-c2ccc(F)c2)mc2cc(Cc3ccc4nc(-c5ccc(F)c5)oc(=O)c4c3)ccc12
vNsp10-nsp14.1-18	ZINC000002933884	-9.2	0.249	494.45	ZINC	O=c1oc(-c2ccc(F)c2)mc2cc(Cc3ccc4nc(-c5ccc(F)c5)oc(=O)c4c3)ccc12
vNsp10-nsp14.1-19	ZINC000033284240	-9.2	0.249	491.55	ZINC	Cc1ccc(-c2ccc(-c3cn(C)C(=O)N[C@H]4CC5ccc5c4)nc4n(C)ccc3=O)nc21
vNsp10-nsp14.1-20	ZINC000033770468	-9.2	0.271	448.48	ZINC	Cc1ccc(C=C2N=C(c3ccc(C4=N/C(=C5ccc(C)cc5)O4)C3)OC2=O)cc1
vNsp10-nsp14.1-21	ZINC0000408718372	-9.2	0.271	456.40	ZINC	O=C1OC(c2ccc(F)c2)N=C1-Cc1ccc(C(=O)N2CC=C(C3=C(c1)CC3)OC2=O)cc1
vNsp10-nsp14.1-22	Z1023496434	-9.1	0.260	475.52	REAL	O=C1CCN(c2nc3ccc3o2)CC1N1CCC[C@H]2c2nc(-c3ccc(F)cc3)no2C1
vNsp10-nsp14.1-23	Z1023508440	-9.1	0.284	434.47	REAL	O=C1CCC2c2c(C(=O)N3CCC[C@H]1c4nc(-c5ccc(F)c5)no4)C3)cc21
vNsp10-nsp14.1-24	Z1069484738	-9.1	0.253	485.58	REAL	C[C@H]1CCc2[nH]c3ccc(C(=O)N4CCCC(C(=O)c5ccc6c(c5)NC(=O)[C@H](C)OC6)CC4)cc3c2C1
vNsp10-nsp14.1-25	Z1128906577	-9.1	0.253	482.54	REAL	O=C(Nc1ccc(-c2noc(=O)nH]2)c1)[C@H]1[C@H]2CC[C@H]1[C@H]2C1C(=O)c1ccc2ccc21
vNsp10-nsp14.1-26	Z1451907667	-9.1	0.276	445.47	REAL	O=C(Nc1ccc(-c2entC3ccc3)nn2)c1N1CCC2ccc(F)C2c1
vNsp10-nsp14.1-27	Z1452691933	-9.1	0.276	445.49	REAL	O=C(NC[C@H]1[C@H]2[C@H]3ccc3[C@H]1)NCC(=O)c1ccc1OCC(F)cc1
vNsp10-nsp14.1-28	Z1453804507	-9.1	0.268	449.55	REAL	O=C(NC[C@H]1[C@H]2[C@H]3ccc3[C@H]1)lcenn(C(=O)NC[C@H]2[C@H]3C4ccc4[C@H]2)3)c1
vNsp10-nsp14.1-29	Z1466232523	-9.1	0.284	427.48	REAL	O=C(Nc1ccc(-c2en(C3ccc3)nn2)c1)N1CCc2ccc(F)C2c1
vNsp10-nsp14.1-30	Z1664063609	-9.1	0.276	439.41	REAL	Cn1nc(-c2mcc(-c3ccc4noc(-c5ccc(F)c5)c4c3)oc2)ccc2ccc1=O
vNsp10-nsp14.1-31	Z1684606061	-9.1	0.268	449.47	REAL	O=C1O[C@H](c2ccc2)C2c2c(-c3nc(C4nc(-c5ccc5)nn[nH]4)no3)ccc21
vNsp10-nsp14.1-32	Z1723433445	-9.1	0.260	464.53	REAL	Cn1c(=O)nH]2c2nc(-c3ccc(C(=O)N4CCN(c5ccc6ccc6n5)CC4)C3)ccc21
vNsp10-nsp14.1-33	Z1744199641	-9.1	0.276	438.48	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CC[C@H]4[C@H]3(C(=O)N5c3ccc34)ccc21
vNsp10-nsp14.1-34	Z1907680588	-9.1	0.294	421.58	REAL	CC(C)OCc1ccc(C2(C(=O)N)C[C@H]1[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]7[C@H]5[C@H]4[C@H]3)CCC2)cc1
vNsp10-nsp14.1-35	Z2187203011	-9.1	0.284	422.48	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CCN4c(c5ccc5c4)C3)ccc21
vNsp10-nsp14.1-36	Z278037106	-9.1	0.276	432.48	REAL	O=C(Nc1ccc(-c2ccc2)cc1)C1CCN(c2ccc3mnn3)C2)C1
vNsp10-nsp14.1-37	Z2940772808	-9.1	0.253	477.56	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CCc4nc4m4CC4ccc4)C3)ccc21
vNsp10-nsp14.1-38	Z66691732	-9.1	0.268	455.51	REAL	C[C@H]1(OC(=O)c1ccc2e(c1)C[C@H](c1ccc1)OC2=O)C(=O)N1CCc2ccc2C1
vNsp10-nsp14.1-39	Z979605650	-9.1	0.276	436.51	REAL	O=C(NNC(=O)c1ccc(-c2ccc2)mc2ccc1)N[C@H]1CCc2ccc2C1
vNsp10-nsp14.1-40	ZINC000008312480	-9.1	0.294	409.48	ZINC	O=C(c1ccc2e(c1)C[C@H](c1ccc1)OC2=O)N1CC=C(c2ccc2)CC1
vNsp10-nsp14.1-41	ZINC000035350936	-9.1	0.268	448.48	ZINC	Cc1ccc1C1=N/C(=C)c2ccc(C=C3N=C(C4ccc4)OC3=O)cc2)C(=O)O1
vNsp10-nsp14.1-42	PV-001837093254	-9.0	0.290	444.87	REAL	O=C(Nc1ccc(-c2cc(F)cc(F)c2)nH]1)[C@H]1CCCN(C(=O)c2ccc1)C2c2C1
vNsp10-nsp14.1-43	PV-001953983640	-9.0	0.333	358.44	REAL	CC(=O)c1ccc2e(c1)CN(C(=O)N[C@H]1C)C1ccc1C2
vNsp10-nsp14.1-44	Z1000672516	-9.0	0.265	453.54	REAL	Cn1nc(Cc2nc(-c3ccc3)cc(C(=O)N)C[C@H]3CCC(C(=O)c4ccc4)C3)cc21
vNsp10-nsp14.1-45	Z1014397762	-9.0	0.257	469.58	REAL	O=C(N[C@H]1CCc2[nH]c3ccc2)C1[C@H]1[C@H]2[C@H]3CCC(C[C@H]2N1)C(=O)c1ccc2ccc21
vNsp10-nsp14.1-46	Z1014757394	-9.0	0.257	464.52	REAL	Cc1ccc2nc(-c3ccc3)ccc(C(=O)NC3ccc(C[C@H]4(C)NC(=O)NC4=O)C3)cc21
vNsp10-nsp14.1-47	Z1023504216	-9.0	0.265	462.52	REAL	Cc1ccc(CN2[C@H](C)C(=O)N3CCC(C[C@H]1c4nc(-c5ccc(F)c5)no4)C3)CC2=O)cc1
vNsp10-nsp14.1-48	Z1143878084	-9.0	0.290	420.49	REAL	Cc1ccc2e(c1)C[C@H](NC(=O)N1CCC[C@H]1c3nc(-c4ccc(F)c4)no3)C1)CC2
vNsp10-nsp14.1-49	Z1147984550	-9.0	0.250	475.56	REAL	O=C(Nc1ccc1-c1ccc(-c2ccc2)cc1)C1CCN(c2ccc3mnn3)C2)C1
vNsp10-nsp14.1-50	Z1217404884	-9.0	0.281	424.54	REAL	O=C(c1ccc(C(=O)N2CCc3ccc3CC2)c1)N1CCc2ccc2CC1
vNsp10-nsp14.1-51	Z1217405483	-9.0	0.346	339.44	REAL	O=C(c1ccc2e(c1)C1ccc1-2)N1CCc2ccc2CC1
vNsp10-nsp14.1-52	Z153971464	-9.0	0.250	485.47	REAL	Nc1nc(COC(=O)c2ccc3e(c2)C[C@H](c2ccc2)OC3=O)nc(Nc2ccc(F)cc2)nc1
vNsp10-nsp14.1-53	Z153971484	-9.0	0.250	494.42	REAL	O=C(OCc1nc2ccc(C(F)(F)F)ccc2e(c1)N)h1)c1ccc2e(c1)C[C@H](c1ccc1)OC2=O
vNsp10-nsp14.1-54	Z1614095491	-9.0	0.273	440.49	REAL	Fc1ccc1-c1nc2ccc(N3CCC[C@H]1c4[nH]c5(-c6ccc5)nc4)C3)nn21
vNsp10-nsp14.1-55	Z1671298637	-9.0	0.281	434.53	REAL	O=C(Nc1ccc(C(=O)N2CCO[C@H]1C3CCCC3)C2)c1)[C@H]1Cc2ccc2O1
vNsp10-nsp14.1-56	Z1684581724	-9.0	0.290	412.45	REAL	C[C@H]1Cc2ccc2e(c1)nc1(-c2ccc(C[C@H]3(C)NC(=O)N3)C=C)O1
vNsp10-nsp14.1-57	Z1685085222	-9.0	0.265	449.47	REAL	O=C1C[C@H](c2nc(-c3ccc4[nH]c(=O)nH]4c3)no2)CN1c1ccc2e(c1)Cc1ccc1-2
vNsp10-nsp14.1-58	Z1723444755	-9.0	0.273	438.53	REAL	Cc1ccc(C)cc(C2=CCN(C(=O)c3ccc(-c4cnc5[nH]c(=O)n(C)C5c4)3)CC2=O)cc1
vNsp10-nsp14.1-59	Z2001020385	-9.0	0.300	396.53	REAL	O=C([C@H]1[C@H]2[C@H]1c1ccc2ccc2e1)N1CCC(N2CCc3ccc3)C2)C1
vNsp10-nsp14.1-60	Z2128906469	-9.0	0.265	449.55	REAL	O=C(c1ccc(C(=O)N2CCc3ccc3)C2)c1)N1CCC=C(C2ccc2)CC1
vNsp10-nsp14.1-61	Z2193901914	-9.0	0.273	434.46	REAL	O=C1C[C@H](c2nc(-c3ccc4[nH]m4c3)no2)CN1c1ccc2e(c1)Cc1ccc1-2
vNsp10-nsp14.1-62	Z2524828119	-9.0	0.257	478.64	REAL	CC1(C)CCC[C@H]2(C1)NC(=O)N(C)C1[C@H]3CC[C@H]1[C@H]1CN(C4ccc4)C[C@H]3)C2=O
vNsp10-nsp14.1-63	Z372560378	-9.0	0.265	492.99	REAL	O=C(Nc1ccc(-c2c[nH]2)c1)ccc1S(=O)(=O)N2CCc3ccc3C2)ccc1C1
vNsp10-nsp14.1-64	Z647030414	-9.0	0.273	440.47	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CCc4[nH]c5ccc(F)cc4)C3)CC2=O)cc1
vNsp10-nsp14.1-65	Z648314932	-9.0	0.265	454.57	REAL	O=C(N1CCN(Cc2ccc2)CC1)c1ccc2e(c1)C[C@H](c1ccc1)OC2=O
vNsp10-nsp14.1-66	Z804390806	-9.0	0.243	495.63	REAL	O=C([C@H]1CC(=O)N(c2ccc3e(c2)C2ccc2e-3)C1)N1CCC[C@H]1c2nc3CC3CC3)C1
vNsp10-nsp14.1-67	Z952521270	-9.0	0.250	474.52	REAL	O=C(Nc1ccc(-n2nc3ccc3)nc1)ccc2e(c1)C[C@H](c1ccc1)OC2=O
vNsp10-nsp14.1-68	ZINC000001862466	-9.0	0.257	455.47	ZINC	Cc1ccc(C[C@H](C)NC(=O)c2ccc(-c3ccc(C)c3)mc3ccc3)cc1
vNsp10-nsp14.1-69	ZINC000002767615	-9.0	0.310	380.49	ZINC	O=C1OC(c2ccc2F)=N/C(=O)C1ccc(C(=O)N2N=C(c3ccc3)F)OC2=O)cc1
vNsp10-nsp14.1-70	ZINC000016449460	-9.0	0.265	456.40	ZINC	C[C@H]1Cc2zoc(C(=O)N3CCN(C(=O)[C@H]1C4ccc(-c5ccc5)cc4)C3)cc2C1
vNsp10-nsp14.1-71	ZINC000019497136	-9.0	0.273	443.55	ZINC	Cc1ccc2e(c1)cc(-c3nc(-c4ccc4)C)no3)cn(C(=O)N)C[C@H]3CC4ccc4c4)2n1
vNsp10-nsp14.1-72	ZINC000033284113	-9.0	0.243	491.55	ZINC	O=C1c2ccc3ccc3cc2C(=O)[C@H]2[C@H]3(C(=O)c4ccc5ccc5c4)C(=O)[C@H]3[C@H]2[C@H]1
vNsp10-nsp14.1-73	ZINC000008346354	-9.0	0.265	463.61	ZINC	c1ccc(-c2cc(-c3m4c4m4C45CC6CC(C)C6)C4)C5)3)ccc3c3)2)cc1
vNsp10-nsp14.1-74	ZINC0000408718023	-9.0	0.265	456.40	ZINC	O=C1OC(c2ccc(F)c2)=N/C1-Cc1ccc(C(=O)N2CC=C(C3=C(c1)CC3)OC2=O)cc1
vNsp10-nsp14.1-75	PV-001791724704	-8.9	0.287	442.58	REAL	COI[C@H]1(C(=O)Nc1ccc(S(=O)(=O)N)C[C@H]1)C[C@H]2[C@H]3CC[C@H]2)3)c1ccc1
vNsp10-nsp14.1-76	PV-001842008977	-8.9	0.270	442.56	REAL	Cc1ccc(N2[C@H](C)C(=O)N(C)C[C@H]1O)ccc1(-c4ccc4)cc3)CC2=O)cc1C1
vNsp10-nsp14.1-77	PV-001876713854	-8.9	0.278	454.46	REAL	O=C(Nc1[nH]mcc1-c1ccc1)c1ccc1NS(=O)(=O)c2ccc(F)c(F)c2c1
vNsp10-nsp14.1-78	PV-001940740368	-8.9	0.278	456.61	REAL	C[C@H]1(CNC(=O)Nc1ccc(S(=O)(=O)N)C[C@H]1)C[C@H]2[C@H]3CC[C@H]2)3)c1ccc1
vNsp10-nsp14.1-79	PV-001947212465	-8.9	0.270	449.50	REAL	O=C(Nc1ccc(-c2ccc(F)c(F)c2)c1)N[C@H]1CCN(C(=O)CCc2ccc2)C1
vNsp10-nsp14.1-80	PV-001955800795	-8.9	0.287	420.51	REAL	CC1(C)CN(C(=O)N)CCc2ccc(C[C@H]3(C)NC(=O)NC3=O)cc2)C1
vNsp10-nsp14.1-81	PV-001955800795	-8.9	0.287	420.51	REAL	O=C(NCC(=O)N1CCc2ccc2C1)N[C@H]1CC[C@H](c2ccc(C)2)C1
vNsp10-nsp14.1-82	PV-001955813252	-8.9	0.297	425.96	REAL	CC(=O)c1ccc2e(c1)CN(C(=O)N)C[C@H]1C)ccc1C2)C1
vNsp10-nsp14.1-83	PV-001963308882	-8.9	0.318	376.43	REAL	C[C@H]1(c2ccc(CNC(=O)c3ccc4e(c3)C3ccc3-4)cc2)NC(=O)N1=O
vNsp10-nsp14.1-84	Z1014751964	-8.9	0.287	411.46	REAL	O=C(c1ccc1)c1ccc(OC(C(=O)N2CCC(C[C@H]1c3nc(-c4ccc(F)c4)no3)C2)cc1
vNsp10-nsp14.1-85	Z1023504610	-8.9	0.247	485.51	REAL	Cc1ccc(N2N=C(C(=O)N3CCC(C[C@H]4C(=O)N5ccc5c4)C3)CC2=O)cc1
vNsp10-nsp14.1-86	Z1024049916	-8.9	0.254	471.53	REAL	Cc1ccc(C(=O)N2CC(C[C@H]3(C)C(=O)Nc4ccc4)C2)cc1NC(=O)c1ccc1F
vNsp10-nsp14.1-87	Z1024054450	-8.9	0.270	449.53	REAL	O=C(NCCN1CCc2ccc2)N1)N1CCC[C@H]1c2nc(-c3ccc(F)c3)no2)C1
vNsp10-nsp14.1-88	Z1028177866	-8.9	0.262	449.51	REAL	O=C(Nc1ccc1)N1ccc1(CNC(=O)c2ccc3ccc3)nc1)C[C@H]2c1
vNsp10-nsp14.1-89	Z1038860852	-8.9	0.262	449.51	REAL	C[C@H]1(NC(=O)Nc1ccc2e(c1)C1ccc1-2)cc1ccc2e(c1)CC(=O)N2
vNsp10-nsp14.1-90	Z1100526430	-8.9	0.297	397.48	REAL	COc1ccc2e(c1)OC[C@H](NC(=O)N)N(C(=O)N)cc1ccc(-c3ccc(C)cc3)C2)cc1
vNsp10-nsp14.1-91	Z1100930920	-8.9	0.247	482.54	REAL	CN(Cc1ccc1)C[C@H]1CCN(C(=O)c2ccc3e(c2)C[C@H](c2ccc1)OC3=O)C1
vNsp10-nsp14.1-92	Z1275065382	-8.9	0.270	440.54	REAL	O=C1O[C@H](c2ccc2)C2c2c(C(=O)N3CC(C4ccc(F)c(F)4)C3)ccc21
vNsp10-nsp14.1-93	Z1382492844	-8.9	0.278	433.45	REAL	O=C1Nc2ccc(-c3ccc3)cc2/C1=NNc1nc2ccc2e(c1)O)N1H1
vNsp10-nsp14.1-94	Z1407896910	-8.9	0.307	381.39	REAL	C[C@H]1(C)ccc1)N1ccc1(CNC(=O)c2ccc3ccc3)cc1)O)N1=O
vNsp10-nsp14.1-95	Z1417728717	-8.9				

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp10-nsp14.1-101	Z1507811378	-8.9	0.287	410.48	REAL	Cc1nc(-c2ccc3ccc3c2n)(CC(=O)N)C(=O)N3Cn1
vNsp10-nsp14.1-102	Z1552768547	-8.9	0.270	440.46	REAL	O=C(Nc1ccc2[nH]nc(NC(=O)[C@H](C)C4c4ccc403)2c1)[C@H](C)C2c1ccc2201
vNsp10-nsp14.1-103	Z1612383025	-8.9	0.287	410.47	REAL	O=C1NC2(Cc3ccc3C2C(=O)N1Cc1ccc(-c2ccc1)C)C1
vNsp10-nsp14.1-104	Z1614093303	-8.9	0.270	446.53	REAL	Fc1ccc(-c1nnc2ccc(N3CC(C)[C@H](c4[nH]c5(CSCCCC5)N4)C3)nc1)2
vNsp10-nsp14.1-105	Z1614248236	-8.9	0.270	441.49	REAL	O=C1ccc(-c2ccc3(c2)COC3n1)N1CCC[C@H](c2[nH]c(-c3ccc3)2)C1
vNsp10-nsp14.1-106	Z1663160732	-8.9	0.270	434.45	REAL	O=C1Nc2ccc2O[C@H](C)C1Nnc(-c2cc(-c3ccc3)nc3ccc23)n1
vNsp10-nsp14.1-107	Z1663794006	-8.9	0.262	445.49	REAL	Cc1ccc(-c2cc(-c3nnc(Cc4ccc(-n5nmm5)cc4)3)3)ccc33n2c1
vNsp10-nsp14.1-108	Z1663797830	-8.9	0.262	449.45	REAL	Fc1ccc(-c2cc(-c3nnc(Cc4ccc(-n5nmm5)cc4)3)3)ccc33n2c1
vNsp10-nsp14.1-109	Z1682390492	-8.9	0.278	424.46	REAL	C[C@H](c2ccc(-c3nnc(Cc4H4C[C@H](c4)4ccc5ccc545)3)cc2)NC(=O)NC1=O
vNsp10-nsp14.1-110	Z1684079466	-8.9	0.262	449.47	REAL	Nc1nc(Cc2nnc(-c3ccc4(c3)C[C@H](c3ccc3)OC4=O)n2)nc2ccc12
vNsp10-nsp14.1-111	Z1685320635	-8.9	0.278	428.50	REAL	Cc1ccc(C(=O)N2CCC[C@H](c3nc(-c4ccc(-c5nnc(C[nH]5)4)no3)C2)cc1
vNsp10-nsp14.1-112	Z1723432844	-8.9	0.254	468.56	REAL	Cc1ccc(C(=O)C2CCN(C(=O)c3ccc(-c4nc5[nH]c(=O)n(C)C5e4)3)CC2)c(C)1
vNsp10-nsp14.1-113	Z1723442803	-8.9	0.254	472.48	REAL	Cc1ccc(-c2nnc(C[C@H](C)NC(=O)c3ccc(-c4nc5[nH]c(=O)n(C)C5e4)3)2)cc1F
vNsp10-nsp14.1-114	Z1723444909	-8.9	0.254	480.49	REAL	Cn1c(=O)[nH]c2ncc(-c3ccc(C(=O)N4CCC(C5ccc(C(F)F)F5)CC4)c3)cc21
vNsp10-nsp14.1-115	Z2006757649	-8.9	0.270	443.52	REAL	O=C(N[C@H](C)C2nnc(-c3ccc(F)cc3)2C1)N1[C@H](C)C2=C(c3ccc3)C[C@H](C)C2
vNsp10-nsp14.1-116	Z2089242375	-8.9	0.270	441.57	REAL	O=C(C1CCN(Cc2ccc3ccc(O)3n2)C1)N1C[C@H](c2ccc2)C[C@H](C)C2
vNsp10-nsp14.1-117	Z2160281880	-8.9	0.278	421.42	REAL	Cc1nnc2cc(-c3ccc3)cc(-c3nc(-c4cc(=O)[nH]c5ccc45)no3)2
vNsp10-nsp14.1-118	Z2167429477	-8.9	0.262	448.53	REAL	Cn1c(-c2nn(C)c(=O)c3ccc23)nnc1N1CC=C(c2ccc3ccc2)CC1
vNsp10-nsp14.1-119	Z2181678801	-8.9	0.270	446.55	REAL	O=C(N[C@H](C)C2ccc2C2C1C2COC2)N1CC=C(c2ccc3c(O)C)CC1
vNsp10-nsp14.1-120	Z228625892	-8.9	0.234	498.54	REAL	O=C(Cn1c2ccc2c(=O)c2ccc21)NNC(=O)c1ccc(-c2ccc2)nc2ccc12
vNsp10-nsp14.1-121	Z2518802220	-8.9	0.278	509.49	REAL	Br.Cc1ccc(N(C)N=Nc2ccc(C/N=C(C)/N)Nc3ccc(C)C3)cc1c
vNsp10-nsp14.1-122	Z2518802288	-8.9	0.278	509.49	REAL	Br.Cc1ccc(C)cc(N(C)N=Nc2ccc(C/N=C(C)/N)Nc3ccc(C)C3)cc1c
vNsp10-nsp14.1-123	Z296289064	-8.9	0.254	464.53	REAL	Cc1ccc(-c2cc(NC(=O)CCc3n4c(cnn4)C)cc(=O)[nH]3)cc1
vNsp10-nsp14.1-124	Z394510666	-8.9	0.247	490.60	REAL	C[C@H](CCCN(C(=O)C2CCN(C(=O)CN3C(=O)N[C@H](C)C4ccc5ccc54)C3=O)CC2)C1
vNsp10-nsp14.1-125	Z436118982	-8.9	0.247	484.56	REAL	Cc1ccc(C(=O)N2CCCN(C(=O)Nc3ccc(Cn4c5ccc5n4)O)c3)cc21
vNsp10-nsp14.1-126	Z70913644	-8.9	0.247	482.58	REAL	CN1CCC2(CC1)C[C@H](NC(=O)c1ccc3c(c1)C[C@H](c1ccc1)OC3=O)c1ccc1O2
vNsp10-nsp14.1-127	Z803944916	-8.9	0.247	479.50	REAL	O=C(NNC(=O)[C@H](C)C(=O)N(c2ccc3c(=O)Cc2ccc2-3)C1)[nH]c1c(=O)c2ccc12
vNsp10-nsp14.1-128	Z806445912	-8.9	0.247	485.63	REAL	CC1CCN(C(=O)C2CCN(C(=O)[C@H](C)C3C(=O)Nc4ccc5e(4)Cc4ccc4-5)C3)CC2)C1
vNsp10-nsp14.1-129	Z941397708	-8.9	0.297	397.47	REAL	O=C1O[C@H](c2ccc2)C2ccc(C(=O)N3CC[C@H](c4ccc4)C3)cc21
vNsp10-nsp14.1-130	Z941403984	-8.9	0.254	492.64	REAL	C[C@H](H)1CN(S(=O)(=O)c2ccc(C(=O)N3CCC(C4ccc5ccc45)C3)2)C[C@H](C)O1
vNsp10-nsp14.1-131	Z98231366	-8.9	0.241	490.61	REAL	O=C(NC[C@H](H)1CC2c3ccc3C1c1ccc12)[C@H](H)1CCN(C(=O)c2ccc3[nH]ncc3e2)C1
vNsp10-nsp14.1-132	ZINC00000637643	-8.9	0.234	546.67	ZINC	Cc1ccc(NS(=O)(=O)c2ccc3c(=O)C(=O)c2cc(S(=O)(=O)N4ccc(C)cc4)ccc3)3)cc1
vNsp10-nsp14.1-133	ZINC000002862195	-8.9	0.278	417.46	ZINC	O=C(Nc1ccc2c3c(=O)cc1)C2c1ccc(-c2c3ccc3)2e1
vNsp10-nsp14.1-134	ZINC000002880802	-8.9	0.247	469.50	ZINC	O=C(Nc1ccc(-c2nc3ccc3n2)c1)c1ccc(-c2nnc(-c3ccc3)3)2c1
vNsp10-nsp14.1-135	ZINC000011665555	-8.9	0.262	442.48	ZINC	O=C(Nc1ccc(-c2ccc3nnc(-c4ccc4)n3n2)c1)c1ccc2ccc2e1
vNsp10-nsp14.1-136	ZINC000014174786	-8.9	0.254	467.52	ZINC	O=C(c1ccc2c(c1)C[C@H](c1ccc1)OC2=O)N1CC(Cn2(=O)N)H3c3ccc332)CC1
vNsp10-nsp14.1-137	ZINC000014272514	-8.9	0.254	458.47	ZINC	O=C(Nc1ccc2cc(-c3ccc3)nc2e1)c1ccc(-c2ccc3ccc3)2e1=O
vNsp10-nsp14.1-138	ZINC000016292162	-8.9	0.262	448.48	ZINC	Cc1ccc(C2=N/C=C/C3ccc(C=C4N=C(c5ccc(C)cc5)OC4=O)3)C(=O)O2)cc1
vNsp10-nsp14.1-139	ZINC000020494886	-8.9	0.262	489.31	ZINC	O=C1OC(c2ccc2C2)=N/C=C/C1c(C=C2N=C(c3ccc3)C)OC2=O)c1
vNsp10-nsp14.1-140	ZINC000033284195	-8.9	0.241	495.51	ZINC	Cc1ccc2e(=O)c(-c3nc(-c4ccc(F)cc4)no3)cn(C(=O)Nc3ccc4(c3)CC4)c2n1
vNsp10-nsp14.1-141	ZINC000033284238	-8.9	0.241	491.55	ZINC	Cc1ccc(-c2nnc(-c3n(C)C(=O)N[C@H](C)C4ccc5ccc54)4nnc(C)ccc43)no2e1
vNsp10-nsp14.1-142	ZINC000037540555	-8.9	0.270	434.45	ZINC	O=C(Nc1nnc(-c2ccc2)O)c1ccc1NC(C(=O)N)C2c2ccc2
vNsp10-nsp14.1-143	ZINC000072356259	-8.9	0.278	424.54	ZINC	O=C(c1ccc(-c2ccc(C[C@H](H)3CCCN(C3=O)cc2)1)N1CC2ccc2C1
vNsp10-nsp14.1-144	ZINC000095945823	-8.9	0.254	460.50	ZINC	Cn1c2cc(-c3ccc(C(=O)Nc4ccc(-c5n6ccc6[nH]5)4)3)cc2)N1C1=O
vNsp10-nsp14.1-145	ZINC000253589970	-8.9	0.262	468.68	ZINC	CC(=O)[C@H](C)CC[C@H](C)[C@H](C)[C@H](C)[C@H](C)C=C(C(=O)[C@H](C)C(C)C)[C@H](C)C
vNsp10-nsp14.1-146	ZINC000254350217	-8.9	0.254	455.51	ZINC	O=C1ccc2cc2(C)C(=O)c2ccc1NC(C(=O)N)C2c2ccc2
vNsp10-nsp14.1-147	PV-001800289904	-8.8	0.275	439.51	REAL	CC(C)(CC(=O)N)CCN(C(=O)[C@H](C)C)[C@H](C)C[C@H](C)C[C@H](C)C1c1ccc1
vNsp10-nsp14.1-148	PV-001802620784	-8.8	0.275	441.45	REAL	Cc1cc(=O)c(C(=O)N)C[C@H](C)C2ccc3c(=O)C(C)3)nc1-c1ccc(C(F)F)F)1
vNsp10-nsp14.1-149	PV-001906752868	-8.8	0.326	409.36	REAL	CC(C)C[C@H](NC(=O)ccc1C)cc1C1(C(=O)N)C[C@H](C)C[C@H](C)C[C@H](C)C[C@H](C)C
vNsp10-nsp14.1-150	PV-001941316222	-8.8	0.284	427.43	REAL	O=C(Nc1ccc(C(=O)NCC(F)F)F)cc1N1C[C@H](C)C2ccc2CC3ccc2e23
vNsp10-nsp14.1-151	PV-001961776162	-8.8	0.326	366.48	REAL	C[C@H](C)C[C@H](C)C(=O)N[C@H](C)C2C[C@H](C)C3ccc(F)C3)cc21
vNsp10-nsp14.1-152	PV-001970280572	-8.8	0.338	344.46	REAL	Cc1ccc2c(c1)CCN(C(=O)N)C[C@H](c1ccc1ccc1)3C2=O
vNsp10-nsp14.1-153	Z1014421792	-8.8	0.238	496.61	REAL	O=C(c1ccc1)N1CCN(C(=O)[C@H](C)C[C@H](C)C3CCC[C@H](C)3)2C(=O)c2ccc3ccc3c2)CC1
vNsp10-nsp14.1-154	Z1014754282	-8.8	0.284	411.46	REAL	C[C@H](c1ccc(NC(=O)c3ccc4(c3)3)ccc33)4)cc2)N1C(=O)NC1=O
vNsp10-nsp14.1-155	Z1014756702	-8.8	0.251	468.49	REAL	C[C@H](c1ccc(NC(=O)O)3cc(-c4ccc(F)cc4)nc4ccc34)cc2)N1C(=O)NC1=O
vNsp10-nsp14.1-156	Z1014758188	-8.8	0.238	494.55	REAL	C[C@H](c1ccc(NC(=O)[C@H](C)C(=O)N(c4ccc5e(4)C4ccc4-5)C3)cc2)N1C(=O)NC1=O
vNsp10-nsp14.1-157	Z1016577424	-8.8	0.244	480.57	REAL	C[C@H](c1ccc(NC(=O)N)C1[C@H](C)C4c4ccc5C3c3ccc43)cc2)N1C(=O)NC1=O
vNsp10-nsp14.1-158	Z1016606194	-8.8	0.244	485.54	REAL	C[C@H](C)C(=O)Nc1ccc(C(=O)[C@H](C)C(=O)N2C=O)cc1c1ccc(NC(=O)c2ccc2)cc1
vNsp10-nsp14.1-159	Z1018159978	-8.8	0.275	430.55	REAL	O=C(N[C@H](H)1CCN(C(=O)c2ccc2)C1)N1CC(C)[C@H](c2ccc3[nH]2)C1
vNsp10-nsp14.1-160	Z1028332518	-8.8	0.284	420.49	REAL	Cc1ccc2e(c1)CC[C@H](C)C2N1C1CC[C@H](C)C2nnc(-c3ccc(F)3)no2)C1
vNsp10-nsp14.1-161	Z1040787142	-8.8	0.251	471.56	REAL	O=C(Nc1ccc1)Nc1ccc(NC(=O)N2CCC(C(=O)N)3ccc3)CC2e1
vNsp10-nsp14.1-162	Z1070217284	-8.8	0.284	437.93	REAL	O=C(Nc2cc(C)ccc2[C@H](C)C1CCN(C(=O)[C@H](C)C2C(=O)N)3ccc33)CC1
vNsp10-nsp14.1-163	Z1099342414	-8.8	0.259	455.56	REAL	C[C@H](C)C(=O)Nc1ccc(-c2ccc3c(=O)C(C)3)cc1c1ccc2e(c1)CC(=O)N2C
vNsp10-nsp14.1-164	Z1116410942	-8.8	0.251	468.56	REAL	Cc1nnc(-c2ccc2)2e2n(C(=O)N3CCC[C@H](C)C3)CC1(C(=O)N)3ccc33)cc12
vNsp10-nsp14.1-165	Z1119220455	-8.8	0.238	492.53	REAL	O=C1c2ccc2C(=O)N1Cc1ccc(C(=O)N2CCC[C@H](C)C2)cc1C3ccc33)no2e1
vNsp10-nsp14.1-166	Z1129472770	-8.8	0.293	397.47	REAL	C[C@H](C)C2ccc2N(C(=O)O)c2ccc3c(=O)C[C@H](c2ccc2)OC3=O)c1
vNsp10-nsp14.1-167	Z1177867116	-8.8	0.275	431.54	REAL	Cc1ccc2n[nH]c(C[C@H](C)3CCN(C(=O)N)C(=O)N4CC5ccc5c4)C3)cc21
vNsp10-nsp14.1-168	Z1177886068	-8.8	0.284	417.51	REAL	Cc1ccc(C)cc(-c2cc(NC(=O)CCN(C(=O)N3CC4ccc4C3)H)2)C1
vNsp10-nsp14.1-169	Z119603538	-8.8	0.275	489.33	REAL	O=C(Nc1nnc(-c2ccc2)2Br)nH1c1ccc2e(c1)C[C@H](c1ccc1)OC2=O
vNsp10-nsp14.1-170	Z1212623669	-8.8	0.267	442.52	REAL	Cn1nc(-c2ccc2)2e2n(C(=O)Nc3ccc(NC(=O)C4CCC4)C)H1C21
vNsp10-nsp14.1-171	Z1222602847	-8.8	0.284	412.49	REAL	O=C(NCC1Cc2ccc2C1)c1ccc(NC(=O)[C@H](C)C2Cc3ccc3)2e1
vNsp10-nsp14.1-172	Z1230899864	-8.8	0.284	418.54	REAL	O=C(Nc1ccc(C[C@H](C)C[C@H](C)C2C3)[nH]1)C1CCN(C(=O)C(=O)C2ccc2)CC1
vNsp10-nsp14.1-173	Z1246315268	-8.8	0.314	377.42	REAL	Cc1ccc(-c2nnc(CCC(=O)N3[C@H](C)C4[C@H](C)C3ccc43)2)cc1F
vNsp10-nsp14.1-174	Z1278117339	-8.8	0.293	397.48	REAL	O=C1CCc2ccc(NC(=O)N3Cc4ccc4)C[C@H](c4ccc4)C3)cc21
vNsp10-nsp14.1-175	Z137249674	-8.8	0.267	439.45	REAL	Cn1c(NNC(=O)c2ccc(F)cc3ccc3)2e2ncc2e1=O
vNsp10-nsp14.1-176	Z1449091094	-8.8	0.259	449.55	REAL	O=C(NC[C@H](C)C[C@H](C)C3ccc3[C@H](C)C2)C[C@H](C)C[C@H](C)C4ccc44[C@H](H)3)nc1
vNsp10-nsp14.1-177	Z1449095738	-8.8	0.267	439.51	REAL	C[C@H](c1ccc3ccc3c2)NC(=O)N(C)C(=O)N(C)C[C@H](C)C[C@H](C)C4ccc44[C@H](H)3)nc1
vNsp10-nsp14.1-178	Z1469587803	-8.8	0.267	434.50	REAL	Cc1nnc(C)2nnc(-c3ccc3)cc(C(=O)N)3ccc3c(Cc4ccc4)3)2e1
vNsp10-nsp14.1-179	Z1473414653	-8.8	0.275	432.50	REAL	O=C(N[C@H](C)C[C@H](C)C2Cc3ccc3[C@H](H)2)N1CC(C)[C@H](C)C2c(-c3ccc(F)3)no2)C1
vNsp10-nsp14.1-180	Z1506264311	-8.8	0.293	402.45	REAL	O=C1ccc(-c2ccc3c(=O)C(C)3)no1N1CCO[C@H](C)C3ccc33)2e1
vNsp10-nsp14.1-181	Z1571947236	-8.8	0.275	428.57	REAL	Cc1ccc(C)cc(C2=CCN(C(=O)C3CCN(C(=O)C)C=C4ccc4)C3)CC2)c1
vNsp10-nsp14.1-182	Z1585515015	-8.8	0.267	443.55	REAL	Cc1ccc(C(=O)N2CCN(C(=O)Nc3ccc(CO4ccc4)cc3)CC2)c1
vNsp10-nsp14.1-183	Z1610591796	-8.8	0.267	438.49	REAL	Cc1ccc2ccc2n1NNC(=O)c1ccc1NC(=O)[C@H](C)C2Cc3ccc33)2e1
vNsp10-nsp14.1-184	Z1614250299	-8.8	0.275	429.52	REAL	O=C1C[C@H](C)C(=O)N2CCC[C@H](c3[nH]c(-c4ccc4)3)C2)CN1Cc1ccc1
vNsp10-nsp14.1-185	Z1632200012	-8.8	0.267	448.50	REAL	O=C(NC(=O)N1CC2ccc2C1)N[C@H](H)1CC2nnc(-c3ccc(F)cc3)2C1
vNsp10-nsp14.1-186	Z1632967229	-8.8	0.267	448.48	REAL	O=C(NC[C@H](H)1CC2nnc(-c3ccc(F)cc3)2C1)N1CC2n[nH]c3ccc(F)cc3)2C1
vNsp10-nsp14.1-187	Z1653410339	-8.8	0.275	427.51	REAL	Cc1ccc(C[C@H](C)CCN(C(=O)CCc3n4c(cnn4)4)ccc44)cc1
vNsp10-nsp14.1-188	Z1658317637	-8.8	0.267	448.54	REAL	CN1CC[C@H](NC(=O)N2CCC[C@H](C)C2)N1C2C1
vNsp10-nsp14.1-189	Z1662367801	-8.8	0.275	422.49	REAL	O=C1c2ccc(-c3nnc(Cc4ccc5ccc54)3)ccc33)2e1
vNsp10-nsp14.1-190	Z1682390906	-8.8	0.275	424.46	REAL	C[C@H](c1ccc(-c3nnc(Cc4H4C[C@H](c4)4ccc5ccc545)3)cc2)NC(=O)NC1=O
vNsp10-nsp14.1-191	Z1682391906	-8.8	0.284	412.45	REAL	C[C@H](c1ccc2ccc2e1)c1nnc(-c2ccc(C[C@H](C)C)C2)cc1
vNsp10-nsp14.1-192	Z1683536670	-8.8	0.259	448.48	REAL	O=C(Nc1ccc(-c2nnc(Cc3ccc4ccc4n3)no2)1)C[C@H](C)C2ccc22
vNsp10-nsp14.1-193	Z1683753884	-8.8	0.267	439.47	REAL	Cc1ccc(NC(=O)c2ccc(-c3nnc(Cc4ccc5ccc54)O)4)3)ccc33)2e1
vNsp10-nsp14.1-194	Z1684581165	-8.8	0.275	442.40	REAL	C[C@H](c1ccc(-c3nnc(C4(c5ccc(C(F)F)F5)CC4)3)2)N1C(=O)NC1=O

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vNsp12-nsps8-1-1	Z1958362444	-11.5	0.397	438.567	REAL	CNS(=O)(=O)C1ccc(S(=O)(=O)NC(C)[2]O)[C@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-2	Z2781510607	-11.5	0.426	365.428	REAL	CCCCO1ccc(C(=O)NC(=O)C)[2]C@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-3	Z812396088	-11.5	0.397	386.41	REAL	O=C(c1cnc2[nH]e(=O)nHj(=O)c2e1)N1CC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-4	Z109821744	-11.4	0.335	458.512	REAL	CC(=O)c1ccc(-c2ccc(C(=O)N3C(C)C@H]1C(=O)N4CCCC4)O4ccc4cc3)cc1
vNsp12-nsps8-1-5	Z1769363381	-11.4	0.38	405.413	REAL	Cc1ccc2nc(C3CCN(C(=O)4cnc5[nH]e(=O)nHj(=O)c5e4)CC3)cc1
vNsp12-nsps8-1-6	Z2002795192	-11.4	0.422	387.862	REAL	CCOCCOe1c(C)ccc1NC(=O)[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-7	ZINC000253487590	-11.4	0.3	497.553	ZINC	O=C(c1ccc1)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-8	Z2094108472	-11.3	0.353	432.498	REAL	O=C(Nc1ccc(F)n1)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-9	Z288957206	-11.3	0.314	492.549	REAL	CC(=O)c1ccc(N2CCN(C(=O)CN3C(=O)N(C)C@H]1C(=O)N4CCCC4)C3=O)CC2)C(F)c1
vNsp12-nsps8-1-10	Z31937411	-11.3	0.314	482.538	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(CC(=O)N2CCC(C3m4ccc4cc3)CC2)C1=O
vNsp12-nsps8-1-11	Z667548890	-11.3	0.377	425.831	REAL	O=C(c1cnc2[nH]e(=O)nHj(=O)c2e1)N1CC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-12	Z951981746	-11.3	0.314	481.554	REAL	Cc1ccc2[nH]e(=O)[C@H]3C(CCN3C(=O)CN3C(=O)N(C)C@H]1C(=O)N4CCCC4)C3=O)me2c1
vNsp12-nsps8-1-13	ZINC000013828504	-11.3	0.353	437.881	ZINC	O=c1c2ccc2ccc1-c1ccc(-c2ccc(C)ccc2)me2c1C1ccc1ccc1-2
vNsp12-nsps8-1-14	ZINC000408731626	-11.3	0.297	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-15	Z1022496460	-11.2	0.303	495.621	REAL	O=C(NCC(=O)N1CC2ccc2C1)[C@@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-16	Z1697479114	-11.2	0.373	413.354	REAL	O=C1CC(C)C@H]2CN(C(=O)c3ccc(-c4noc(C(F)F)n4)cc3)ccc1c32
vNsp12-nsps8-1-17	Z2126254694	-11.2	0.386	399.356	REAL	NC(=O)N1CC2ccc(NC(=O)c3ccc(-c4noc(C(F)F)n4)cc3)cc21
vNsp12-nsps8-1-18	Z2483547003	-11.2	0.386	390.442	REAL	O=C(c1cnc2[nH]e(=O)nHj(=O)c2e1)N1CC2(C)C3ccc3cc2)CC1
vNsp12-nsps8-1-19	Z383541426	-11.2	0.311	482.538	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(CC(=O)N2CCC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-20	Z431891148	-11.2	0.35	424.459	REAL	O=C(NC(C)C@H]1CC2c3ccc3C1c1ccc12)c1cnc2[nH]e(=O)nHj(=O)c2e1
vNsp12-nsps8-1-21	Z822272382	-11.2	0.311	482.626	REAL	Cc1ccc(C23C[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1
vNsp12-nsps8-1-22	PV-001839585818	-11.1	0.396	371.443	REAL	CCc1nHj(=O)NC(=O)c2ccc(-c3ccc3)ccc2)C1c1ccc1
vNsp12-nsps8-1-23	Z1014421792	-11.1	0.3	496.609	REAL	O=C(c1ccc1)N1CCN(C(=O)C)C@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-24	Z1037873510	-11.1	0.317	465.508	REAL	CCCN1C(=O)c2ccc(C(=O)N3c4ccc4CC(C)C@H]3(C(=O)Nc3ccc3)CC2)C1=O
vNsp12-nsps8-1-25	Z1119604128	-11.1	0.308	489.524	REAL	C[C@@H]1(c2ccc(F)cc2)F1N1CCN(C(=O)c2ccc(NC(=O)c3ccc4[nH]e(=O)c4)cc3)CC1
vNsp12-nsps8-1-26	Z1156361600	-11.1	0.317	472.5	REAL	Cc1nc(CO)c2ccc(NC(=O)C)C@H]3(CCN3C(=O)c3ccc4ccc4cc3)cc2)no1
vNsp12-nsps8-1-27	Z1540671946	-11.1	0.358	412.448	REAL	O=C(c1cnc2[nH]e(=O)nHj(=O)c2e1)N1CC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-28	Z1724592382	-11.1	0.347	420.519	REAL	c1ccc2c3c(nHj2e1)CN(c1ccc(N2CC(C)C@H]1c1ccc2)cc3)CC1
vNsp12-nsps8-1-29	Z175022802	-11.1	0.326	449.552	REAL	O=C(NC(C)C@H]1CC2c3ccc3C1c1ccc12)N1CC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-30	Z1907680858	-11.1	0.358	421.579	REAL	CC(C)COc1ccc(C2(C=O)NC(C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-31	Z1911615689	-11.1	0.396	379.415	REAL	O=C(NC(C)C@H]1)C@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-32	Z2117570313	-11.1	0.347	438.433	REAL	O=C(NC(C)C@H]1)CC(=O)N1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-33	Z226444914	-11.1	0.308	481.554	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(CC(=O)N2CCC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-34	Z2524819091	-11.1	0.326	477.671	REAL	CC(C)C(=O)CSc1ccc1C(=O)N1C[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-35	Z607064230	-11.1	0.347	437.498	REAL	O=C(c1cnc2[nH]e(=O)nHj(=O)c2e1)N1CCN(C(=O)C23CC4CC(C)C4)C2)C1=O
vNsp12-nsps8-1-36	Z899288814	-11.1	0.37	402.457	REAL	O=C(Nc1nHj(=O)c2ccc12)C@H]1CC(C)C@H]1C(=O)Nc2nHj(=O)c2e1
vNsp12-nsps8-1-37	Z996019966	-11.1	0.308	483.61	REAL	CN(C)C(=O)c1ccc(CNC(=O)C)C@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-38	Z996489826	-11.1	0.308	482.582	REAL	Cn1c(O)c2ccc(NC(=O)C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc21
vNsp12-nsps8-1-39	Z998375970	-11.1	0.3	495.581	REAL	O=C(c1ccc2[nH]n2e1)N1CC(C)C@H]1(C(=O)N2CCN(C(=O)c3ccc4ccc4cc3)CC2)C1
vNsp12-nsps8-1-40	ZINC000002401785	-11.1	0.3	489.505	ZINC	O=C(c1ccc(F)cc1)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-41	ZINC000071785267	-11.1	0.3	505.912	ZINC	O=c1oc2ccc2cc1-c1ccc(-c2ccc3ccc3e2e1)cc1
vNsp12-nsps8-1-42	ZINC000408731630	-11.1	0.292	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-43	PV-001793228987	-11.1	0.393	380.353	REAL	Cc1ccc(NC(=O)C)C@H]1C(=O)C2ccc(C(F)F)n2)cc1
vNsp12-nsps8-1-44	PV-001805359881	-11.1	0.367	410.379	REAL	Cc1c(C(=O)Nc2ccc(-c3noc(C(F)F)n3)cc2)c2ccc2n(C)C1=O
vNsp12-nsps8-1-45	PV-001809070380	-11.1	0.393	387.345	REAL	O=C(Nc1nc(O)c2e1)C(CCC)C1ccc(-c2noc(C(F)F)n2)cc1
vNsp12-nsps8-1-46	PV-001817266632	-11.1	0.344	448.375	REAL	CN1C(=O)C[C@@H]1NC(=O)c2ccc(-c3noc(C(F)F)n3)cc2)C[C@@H]1c1ccc(F)c(F)c1
vNsp12-nsps8-1-47	PV-001841358464	-11.1	0.344	426.518	REAL	Cc1ccc(C)C@H]1C(=O)NCC(=O)C(C)C3ccc4ccc4cc3)CC1=O
vNsp12-nsps8-1-48	Z1014269000	-11.1	0.306	481.594	REAL	O=C(NCC(=O)N1CC2ccc21)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-49	Z1029986498	-11.1	0.344	427.511	REAL	Cc1ccc(-c2ccc(CNC(=O)C3CCN(C4ccc5nmm5n4)CC3)cc2)C1
vNsp12-nsps8-1-50	Z1131590910	-11.1	0.314	477.51	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(CC(=O)N2CCC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-51	Z1143593378	-11.1	0.324	449.513	REAL	O=C(NC(C)C@H]1)C(=O)N1c1cnc2[nH]e(=O)nHj(=O)c2e1
vNsp12-nsps8-1-52	Z1225339781	-11.1	0.333	449.509	REAL	Cc1ccc(C[C@@H]2(C)NC(=O)N(C)C(=O)N3CCN(C4ccc(C)N)O4)CC3)C2=O)cc1
vNsp12-nsps8-1-53	Z1231979179	-11.1	0.355	415.452	REAL	COC(=O)C1nnc(NC(=O)c2ccc(-c3ccc3)ccc2)C1c1ccc1
vNsp12-nsps8-1-54	Z14137765	-11.1	0.314	472.543	REAL	COc1ccc(N2CCN(C(=O)CN3C(=O)N(C)C@H]1C(=O)N4CCCC4)C3=O)CC2)cc1
vNsp12-nsps8-1-55	Z1472909756	-11.1	0.344	426.475	REAL	C[C@@H]1(C)C@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-56	Z1596321856	-11.1	0.344	430.55	REAL	O=C(NC(C)C@H]1)CN(C(=O)c2ccc2)C[C@@H]2(CCN1C2)N(C)C@H]1C(=O)N2CC(C)C@H]1c1ccc2ccc1c2
vNsp12-nsps8-1-57	Z1616661299	-11.1	0.344	431.495	REAL	NC(=O)c1ccc(NC(=O)C)C@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-58	Z1752541538	-11.1	0.355	411.504	REAL	Cc1ccc(-c2ccc(CNC(=O)N3CC(C)C@H]1C(=O)N4CCCC4)cc2)cc1
vNsp12-nsps8-1-59	Z1953423174	-11.1	0.355	418.495	REAL	CCOC(=O)c1nc(-c2ccc(CNC(=O)C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1
vNsp12-nsps8-1-60	Z1979144291	-11.1	0.393	403.775	REAL	Cn1c(NC(=O)c2ccc(-c3noc(C(F)F)n3)cc2)me2c1
vNsp12-nsps8-1-61	Z1982328665	-11.1	0.393	387.32	REAL	Cn1c(NC(=O)c2ccc(-c3noc(C(F)F)n3)cc2)me2c1
vNsp12-nsps8-1-62	Z2180030189	-11.1	0.344	432.454	REAL	O=C(NNC(=O)N1CC(C)C2ncc3cc(F)ccc23)CC1c1ccc2ccc2cc1
vNsp12-nsps8-1-63	Z2192886851	-11.1	0.333	442.561	REAL	Cn1nc(NC(=O)C)C@H]2(C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-64	Z2218873114	-11.1	0.379	413.457	REAL	O=c1[nH]e(=O)c2cc(S(=O)(=O)N3C(C)C@H]4CCCC4)ccc43)cc2)CC1
vNsp12-nsps8-1-65	Z228235430	-11.1	0.344	432.518	REAL	C[C@@H]1(c2ccc3ccc3c2)C(CCC)C2CN1C(=O)c1ccc2e1(C)CC(=O)N2)OCC3
vNsp12-nsps8-1-66	Z2524821252	-11.1	0.306	486.614	REAL	Cc1ccc(C[C@@H]2(C)NC(=O)N(C)C(=O)N3C(C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-67	Z286954404	-11.1	0.297	490.569	REAL	Cc1ccc(-c2cc(NC(=O)C3CCN(C4ccc5nmm5n4)CC3)cc1)cc1
vNsp12-nsps8-1-68	Z397589852	-11.1	0.344	425.487	REAL	CC(=O)c1ccc(-c2ccc(C(=O)N3CCN(C4ccc5ccc5n4)CC3)cc2)cc1
vNsp12-nsps8-1-69	Z751237258	-11.1	0.333	467.549	REAL	Cc1ncc(-c2ccc(C(=O)Nc3ccc(S(=O)(=O)N=C4/C(C)C(C)C4)cc3)cc2)cc1
vNsp12-nsps8-1-70	Z804640398	-11.1	0.344	425.443	REAL	O=C(Nc1ccc2oc(=O)nHj2e1)C@H]1CC(=O)N2ccc3c(e2)C2ccc2-3)C1
vNsp12-nsps8-1-71	Z995722280	-11.1	0.306	481.55	REAL	CN1C(=O)c2ccc(NC(=O)C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc21
vNsp12-nsps8-1-72	Z9956126134	-11.1	0.306	483.614	REAL	O=C(NC(C)C@H]1)CCN(C2ncc2)C1)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-73	ZINC00004333670	-11.1	0.344	422.526	ZINC	O=C1O[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc21
vNsp12-nsps8-1-74	ZINC000008845603	-11.1	0.314	469.471	ZINC	Cc1ccc(O)c(-c2cc(C(=O)N3c4ccc4cc3)C(=O)c3ccc(C)C(F)3)cc1
vNsp12-nsps8-1-75	ZINC000043716692	-11.1	0.324	489.357	ZINC	O=C(c1ccc(C)cc1)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-76	PV-000774892507	-10.9	0.436	342.481	REAL	C=CCOCCN[C@H]1C[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-77	PV-001817948899	-10.9	0.341	442.421	REAL	CN1C(=O)C(C)COCc2ccc(NC(=O)c3ccc(-c4noc(C(F)F)n4)cc3)cc21
vNsp12-nsps8-1-78	PV-001861006758	-10.9	0.341	453.42	REAL	O=C(c1cnc2[nH]e(=O)nHj(=O)c2e1)N1CC(C)C@H]2(CCN1C(=O)C(F)F)CC2)CC1
vNsp12-nsps8-1-79	PV-001892526568	-10.9	0.33	455.507	REAL	Cc1ccc(NC(=O)c2ccc(-c3noc(C(F)F)n3)cc2)cc1
vNsp12-nsps8-1-80	PV-001966454376	-10.9	0.376	393.485	REAL	C[C@@H]1(NC(=O)N(C)C)C@H]2(C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-81	Z1014420158	-10.9	0.303	482.626	REAL	O=C(Nc1ccc(N2CCC2)me1)C@H]1[C@@H]2[C@@H]3[C@@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-82	Z1014477988	-10.9	0.303	482.582	REAL	C[C@@H]1(NC(=O)C)C@H]2(C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc1C
vNsp12-nsps8-1-83	Z1021007696	-10.9	0.321	453.497	REAL	Cc1ccc1NC(=O)C@H]1CC2ccc2N1C(=O)c1ccc2e1(C)C(=O)N(C)C2=O
vNsp12-nsps8-1-84	Z1024051824	-10.9	0.295	491.589	REAL	O=C1N2ccc2C[C@@H]1C(CCN1C(=O)C)C@H]2(C)C@H]3(C)C@H]4[C@@H]5[C@@H]6[C@H]4[C@@H]3[C@H]6[C@H]5)cc21
vNsp12-nsps8-1-85	Z102667784	-10.9	0.295	498.581	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(CC(=O)N2CCN(C3ccc4c(c3)CCO4)CC2)C1=O
vNsp12-nsps8-1-86	Z1127325239	-10.9	0.33	436.47	REAL	CN(C)C1nc(-c2ccc2)me1-c1ccc1(C(=O)c1ccc2e1(C)C(=O)N2)C=O
vNsp12-nsps8-1-87	Z114856234	-10.9	0.341	427.438	REAL	Cc1ccc(-n2c(N)N=C3(C(=O)Nc4ccc(F)ccc43)ccc3c2e1)cc1
vNsp12-nsps8-1-88	Z1161663417	-10.9	0.33	436.474	REAL	Cc1c(C(=O)NCC(=O)C)C2ccc3ccc3c2)mm1-c1ccc2ccc2c1
vNsp12-nsps8-1-89	Z1170266400	-10.9	0.352	417.443	REAL	Cc1ccc(C)C@H]1c2ccc(NC(

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp12-as1-1	ZINC000019832272	-10.5	0.292	476.578	ZINC	Cc1ccc(NC(=O)C2=C(C)NC3=C(C(=O)CCC3)C@H]2c2ccc3c(c2)ccc2nc3NC1=O=C(C)C@H]1CCCCNC1(=O)lcccet(=O)nH]N1CC2ccc(C(F)F)F)2C1
vNsp12-as1-2	PV-001864857183	-10.2	0.329	434.417	REAL	Cc1c(c(O)N2C3ccc3c2)cnm1-c1ccc(=O)nH]n1
vNsp12-as1-3	Z1014963906	-10.2	0.34	397.437	REAL	C[C@H]e2ccc3c(c2)CCCC2CN1(C(=O)lccc2ccc(=O)nH]2c1)OCCO3
vNsp12-as1-4	Z2108604502	-10.1	0.326	420.464	REAL	C[C@H]1c2ccc3c(c2)CCCC2CN1(C(=O)lccc2ccc(=O)nH]2c1)OCCO3
vNsp12-as1-5	ZINC000079190060	-10.1	0.281	489.578	REAL	C[C@H]1CCCC(C(=O)CCC(C(=O)C2ccc3c(c2)ccc3)C1)C@H]1c1ccc2ccc3c(c2)ccc2nc3NC1=O=C(C)C@H]1CCCCNC1(=O)lcccet(=O)nH]N1CC2ccc(C(F)F)F)2C1
vNsp12-as1-6	ZINC000010366101	-10.1	0.281	468.467	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-7	Z1185259574	-10.1	0.333	402.496	REAL	C[C@H]1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-8	Z1185517110	-10.1	0.345	396.45	REAL	C[C@H]1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-9	Z1383816512	-10.1	0.294	453.461	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-10	Z2229022794	-10.1	0.333	401.421	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-11	Z295766342	-10.1	0.357	392.34	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-12	ZINC00001099260	-10.1	0.278	474.427	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-13	ZINC000002935991	-10.1	0.278	480.425	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-14	ZINC000009614215	-10.1	0.27	491.546	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-15	ZINC000013770904	-10.1	0.278	480.479	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-16	ZINC000010588369	-10.1	0.27	490.605	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-17	PV-001952058082	-9.9	0.309	433.554	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-18	Z2176722244	-9.9	0.33	412.532	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-19	Z2228579691	-9.9	0.33	397.433	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-20	ZINC000006598719	-9.9	0.261	496.565	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-21	ZINC00001588369	-9.9	0.291	446.517	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-22	ZINC000002831958	-9.9	0.275	470.531	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-23	ZINC000004552165	-9.9	0.291	442.429	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-24	ZINC000025783866	-9.9	0.268	490.605	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-25	ZINC000027532688	-9.9	0.3	455.479	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-26	ZINC000038703736	-9.9	0.291	498.95	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-27	ZINC000048523764	-9.9	0.275	464.475	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-28	ZINC000096280916	-9.9	0.275	487.515	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-29	ZINC000100005067	-9.9	0.291	442.429	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-30	ZINC000100504092	-9.9	0.319	404.512	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-31	ZINC000247703671	-9.9	0.275	479.47	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-32	PV-001796958833	-9.8	0.338	401.351	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-33	PV-001848261411	-9.8	0.327	421.374	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-34	Z1183485147	-9.8	0.327	426.304	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-35	Z1452691933	-9.8	0.297	445.493	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-36	Z1663781896	-9.8	0.316	413.444	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-37	Z1740627961	-9.8	0.363	362.428	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-38	Z1896776640	-9.8	0.35	389.513	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-39	Z1740627961	-9.8	0.363	362.428	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-40	Z2228011250	-9.8	0.327	425.425	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-41	Z22691526245	-9.8	0.363	365.388	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-42	Z2801388274	-9.8	0.338	390.446	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-43	Z3059702039	-9.8	0.377	355.437	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-44	Z743656142	-9.8	0.35	389.446	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-45	Z86765742	-9.8	0.327	424.382	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-46	ZINC000009389022	-9.8	0.288	448.477	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-47	ZINC000014361443	-9.8	0.35	390.408	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-48	ZINC000015972854	-9.8	0.265	494.525	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-49	ZINC000015990701	-9.8	0.245	527.626	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-50	ZINC000017967458	-9.8	0.272	479.47	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-51	ZINC000033939916	-9.8	0.272	491.546	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-52	ZINC000035807134	-9.8	0.265	491.589	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-53	ZINC000100243014	-9.8	0.306	441.48	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-54	ZINC000100517951	-9.8	0.272	476.531	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-55	ZINC000223014240	-9.8	0.28	408.665	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-56	ZINC000230438145	-9.8	0.265	494.525	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-57	ZINC000239426032	-9.8	0.258	504.541	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-58	ZINC000258257405	-9.8	0.265	499.569	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-59	PV-000011878529	-9.7	0.359	370.343	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-60	PV-000011609717	-9.7	0.359	371.375	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-61	PV-000340015533	-9.7	0.334	403.481	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-62	PV-001859060021	-9.7	0.323	419.358	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-63	PV-001869253053	-9.7	0.346	385.427	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-64	PV-001878640291	-9.7	0.334	394.473	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-65	PV-001916844879	-9.7	0.334	411.437	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-66	PV-002002772225	-9.7	0.303	442.566	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-67	Z1024051824	-9.7	0.262	491.589	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-68	Z1070422660	-9.7	0.285	455.517	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-69	Z1158072308	-9.7	0.285	457.493	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-70	Z1325132780	-9.7	0.313	435.384	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-71	Z1614059000	-9.7	0.334	390.489	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-72	Z1685087832	-9.7	0.346	374.359	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-73	Z1685385235	-9.7	0.334	388.386	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-74	Z1689103670	-9.7	0.334	391.361	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-75	Z1870846324	-9.7	0.313	435.384	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-76	Z2004573921	-9.7	0.346	373.415	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-77	Z2007491092	-9.7	0.294	444.498	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-78	Z2015849991	-9.7	0.334	396.446	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-79	Z2027286273	-9.7	0.346	373.415	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-80	Z2090578246	-9.7	0.359	364.404	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-81	Z2227159726	-9.7	0.323	399.413	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-82	Z230800324	-9.7	0.323	404.469	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-83	Z2635689896	-9.7	0.359	363.416	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-84	Z2641552240	-9.7	0.359	365.344	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-85	Z2830784081	-9.7	0.262	495.534	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-86	Z3094948425	-9.7	0.373	354.369	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-87	Z3201320175	-9.7	0.346	392.38	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-88	Z728620964	-9.7	0.323	398.381	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-89	Z806435698	-9.7	0.269	481.554	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-90	Z808982774	-9.7	0.313	420.464	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-91	Z996704074	-9.7	0.269	486.502	REAL	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-92	ZINC000008614742	-9.7	0.277	476.515	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-93	ZINC000019795177	-9.7	0.285	437.453	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-94	ZINC000059785693	-9.7	0.243	527.622	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-95	ZINC000059932652	-9.7	0.243	527.622	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-96	ZINC000096335973	-9.7	0.303	432.387	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-97	ZINC00010265815	-9.7	0.285	452.56	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-98	ZINC000103193283	-9.7	0.269	480.562	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O
vNsp12-as1-99	ZINC000239426033	-9.7	0.255	504.541	ZINC	O=C1c2ccc2c(c1)C@H]1c1ccc2ccc3c(c2)ccc3NC1=O

Supplemental Table 53. Top 100 virtual hits of the screen against the active site of nsp12 (Screen ID: 30). The name of each compound consists of the initial letter 'v' for virtual hit, followed by the target protein name and the target site ('as' for active site, 1 for docking scenario 1). The score is the docking score given by QuickVina 2 in kcal/mol. The ligand efficiency (LE) is computed as LE = -score/#NonH, where #NonH is the number of heavy (i.e. non hydrogen) atoms.

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp12-mal-101	Z108230228	-9.7	0.313	410.41	REAL	O=C(Nc1nc2ccc2c(=O)[nH]1)c1ccc(-c2ccc(F)cc2)nc2ccc12
vNsp12-mal-102	Z1095049034	-9.7	0.285	452.45	REAL	O=C(Nc1cccc(C(=O)Nc2nc(-c3ccc4ccc4n3)[nH]2)c1)1ccc(F)cc1
vNsp12-mal-103	Z1095056068	-9.7	0.303	444.47	REAL	Cc1cc(NC(=O)c2ccc2)sc1(C(=O)Nc1nc(-c2ccc3ccc3n2)[nH]1)
vNsp12-mal-104	Z1101912380	-9.7	0.277	487.94	REAL	O=C(Nc1cccc(N2(C(=O)c3ccc3C2=O)c1)[C@@H]1CCCCN(C(=O)c2ccc(C)cc2)C1
vNsp12-mal-105	Z1102048790	-9.7	0.277	481.53	REAL	Cn1c2ccc2c2c(S(=O)(=O)Nc3ccc(N4(C(=O)c5ccc5C4=O)c3)ccc21
vNsp12-mal-106	Z1116830710	-9.7	0.285	452.47	REAL	O=C(Nc1nc(-c2ccc(O)c2)nc1)c1ccc(NC(=O)[C@H]2C3c4ccc3O2)c1
vNsp12-mal-107	Z1119218242	-9.7	0.269	484.56	REAL	O=C(c1ccc2[nH]ccc2c1)N1CCC[C@@H](C)@H]C(=O)N2CCCC[C@H]2c2nc(-c3ccc3no2)C1
vNsp12-mal-108	Z1147775494	-9.7	0.294	447.47	REAL	Cc1ccc(-n2nc(C(=O)Nc3ccc(C[C@H]4(C)NC(=O)N4C4=O)c3)c2ccc3(C)F)c1
vNsp12-mal-109	Z1158428684	-9.7	0.269	498.46	REAL	Cc1c(C(=O)N2CCC[C@H](C)3nc(-c4ccc(F)c4no3)C2)nn1-c1ccc(OC(F)F)cc1
vNsp12-mal-110	Z1160944167	-9.7	0.285	445.49	REAL	Cc1c(C(=O)Nc2ccc(-c3nc4ccc4[nH]3)c2)nn1-c1ccc2ccc2c1
vNsp12-mal-111	Z1167948666	-9.7	0.323	423.47	REAL	O=C(Nc1ccc(F)c2NCCC2(=O)=O)c1)c1ccc2(ccc3ccc32)[nH]1
vNsp12-mal-112	Z137252906	-9.7	0.277	470.49	REAL	Cn1c(NNC(=O)N2C(=O)N[C@H](C)(c3ccc4ccc4c3)C2=O)ccc2cc1=O
vNsp12-mal-113	Z1421543340	-9.7	0.294	449.49	REAL	Cc1cc(-c2ncc(C[C@H](C)NC(=O)N3CCC[C@H](C)4nc5ccc5c4O3)cc2)cc1F
vNsp12-mal-114	Z15882232	-9.7	0.262	496.47	REAL	C[C@H](OC(=O)c1ccc(N2C(=O)OCC2=O)c1)C(=O)Nc1ccc2c1(C)ccc1C2=O
vNsp12-mal-115	Z11610505890	-9.7	0.323	398.40	REAL	O=C(NNc1ccc2ccc2n1)c1ccc2ncc(-c3ccc(F)cc3)c2c1
vNsp12-mal-116	Z1614243453	-9.7	0.294	447.54	REAL	O=C(c1ccc(-c2ccc3c(e2)CCO3)no1)N1CCC[C@H](c2n[nH]e)(C3CCC3)n2)C1
vNsp12-mal-117	Z1614242836	-9.7	0.294	441.49	REAL	O=C(c1ccc(-c2ccc3c(e2)CCO3)no1)N1CCC[C@H](c2n[nH]e)(c3ccc3n2)C1
vNsp12-mal-118	Z1670614279	-9.7	0.303	442.36	REAL	O=C(NNC(=O)c1ccc2ccc2n1)Nc1ccc(-c2ncc(C(F)F)F)n2)cc1
vNsp12-mal-119	Z1685085222	-9.7	0.285	449.47	REAL	O=C1C[C@H](C)@H]c2nc(-c3ccc4[nH]c(=O)[nH]e4c3no2)CN1c1ccc2c1(C)C1ccc1-2
vNsp12-mal-120	Z1685497038	-9.7	0.294	448.53	REAL	CN1CCN(C(=O)c2ccc(-c3ncc(-c4cc5c([nH]e4=O)CCC(C)C5)n3)nc2)CC1
vNsp12-mal-121	Z1686349530	-9.7	0.294	438.45	REAL	Cc1c(-c2nc(-c3ccc4oc(N(C)C)nc43)no2)nn1-c1ccc2ccc2c1
vNsp12-mal-122	Z1723430482	-9.7	0.294	438.45	REAL	Cn1c(=O)[nH]e2ncc(-c3ccc(C(=O)N)N(C(=O)c4ccc5ccc5n4)c3)cc21
vNsp12-mal-123	Z1723430646	-9.7	0.285	453.46	REAL	Cn1c(=O)[nH]e2ncc(-c3ccc(C(=O)N)N(C(=O)c4ccc5ccc5c4O3)cc2)cc1
vNsp12-mal-124	Z1770924222	-9.7	0.313	423.42	REAL	CC(C)C(c1ccc(NNC(=O)c2ccc(F)cc2)cc1)c4ccc(F)cc4[nH]e3)nn1
vNsp12-mal-125	Z1846566417	-9.7	0.303	444.52	REAL	O=C(Nc1ncc(-c2cc3ccc3o2)[nH]1)C1CCN(c2n3ccc3s2)CC1
vNsp12-mal-126	Z1903106471	-9.7	0.313	434.53	REAL	Cc1ccc(C)cc(-c2ncc(NC(=O)N)[C@H](C)3nc(-c4cc(C)cn4)[nH]3)s2)c1
vNsp12-mal-127	Z1983291903	-9.7	0.334	388.47	REAL	O=C(CN1C(=O)N[C@H]2[C@H]3[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-128	Z1983293833	-9.7	0.313	436.54	REAL	NC(=O)c1ccc(-c2nc(CN3C(=O)N[C@H]4[C@H]5[C@H]4[C@H]4(C)C[C@H]54)C3=O)cc2)cc1
vNsp12-mal-129	Z2002423492	-9.7	0.303	425.48	REAL	O=C1[C@H]2[C@H]3[C@H]4[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-130	Z2008323258	-9.7	0.294	444.54	REAL	Cc1ccc(C2=NO[C@H](C)CNC(=O)N3CCC(c4nc(-c5ccc5n)j[nH]4)CC3)C2)cc1
vNsp12-mal-131	Z2095293271	-9.7	0.303	429.41	REAL	O=C(Nc1ccc(F)c2(N2C(=O)CCC2=O)c1)c1ccc2c(=O)c3ccc3[nH]e1c2
vNsp12-mal-132	Z2166789118	-9.7	0.294	443.47	REAL	Cn1c(-c2n[nH]e)(=O)c3ccc2c23)nn1C1CC2c2ccc2N2CCOC2=O)C1
vNsp12-mal-133	Z2171963536	-9.7	0.294	443.55	REAL	CC1CCC(c2ncc(C3[C@H]4[C@H]5[C@H]3[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-134	Z2225797920	-9.7	0.303	426.48	REAL	CC(=O)N1CCN(c2ccc(NC(=O)c3ccc4(ccc5ccc54)[nH]3)c2)C1=O
vNsp12-mal-135	Z223592864	-9.7	0.334	385.38	REAL	O=C1O[C@H](C)@H]C(=O)N2nc(-c3ccc4ccc4n3)[nH]2)C2c2ccc21
vNsp12-mal-136	Z2640094831	-9.7	0.346	375.40	REAL	O=C(Nc1nc(-c2ccc3ccc3n2)[nH]1)[C@H]1C2c2nmm2CC1
vNsp12-mal-137	Z2694215218	-9.7	0.269	483.57	REAL	Cc1ccc(O[C@H]2CCN(C(=O)C3[C@H]4[C@H]5[C@H]3[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-138	Z27231053	-9.7	0.269	484.49	REAL	CC1ccc(C[C@H]2[C@H]3[C@H]4[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-139	Z31435674	-9.7	0.277	490.50	REAL	O=C(NNC(=O)c1ccc2ccc2c1)c1ccc(NC(=O)[C@H]2C3ccc3O2)c1
vNsp12-mal-140	Z370760050	-9.7	0.285	478.66	REAL	CC1ccc(C[C@H]2[C@H]3[C@H]4[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-141	Z442416066	-9.7	0.285	452.43	REAL	O=C(NNC(=O)c1ccc2ccc2c1)c1ccc(NC(=O)[C@H]2C3ccc3O2)c1
vNsp12-mal-142	Z685930356	-9.7	0.313	405.42	REAL	O=C(Nc1ncc(C23C4CC(C)C4)C2)C3)S1C1CCN(C(=O)C)C2ccc2CC1
vNsp12-mal-143	Z735279506	-9.7	0.269	493.49	REAL	O=C(Nc1ncc2ccc2c1=O)c1ccc(C(=O)N2n2c3ccc3c2=O)c1
vNsp12-mal-144	Z735827844	-9.7	0.269	499.49	REAL	Cn1nc(-c2ncc(-c3ccc4ccc4ccn34)no2)ccc2cc1=O
vNsp12-mal-145	Z735833794	-9.7	0.262	495.58	REAL	O=C1/C(=O)N[C@H]2CCN(C3ccc3)C2)ccc2c2(C(=O)N1)ccc(C(F)F)F)cc1
vNsp12-mal-146	Z770086334	-9.7	0.269	497.48	REAL	Cc1ccc(-c2ncc(C[C@H](C)N3CCN(C[C@H]4CC(=O)N5ccc5ccc5c4)C3=O)CC3)n2)cc1
vNsp12-mal-147	Z774431874	-9.7	0.285	455.52	REAL	C[C@H](e1nc(-c2ccc(C(F)F)F)cc2)no1)N1CCN(C(=O)c2ccc(-c3ccc2)no2)CC1
vNsp12-mal-148	Z787547112	-9.7	0.285	450.46	REAL	Cc1ccc(C(=O)Nc2ccc(CNC(=O)C3=NN(c4ccc4)C(=O)[C@H](C)N3)c2)cc1
vNsp12-mal-149	Z790177448	-9.7	0.277	467.48	REAL	O=C(NNC(=O)c1ccc2ccc2c1)c1ccc(NC(=O)[C@H]2C3ccc3O2)c1
vNsp12-mal-150	Z828218840	-9.7	0.262	495.58	REAL	CN1CCC(C)C1[C@H](C)@H]NC(=O)c1ccc(NC(=O)c3ccc4[nH]e4c3)cc1ccc1O2
vNsp12-mal-151	Z838610796	-9.7	0.285	475.55	REAL	O=C(C(=O)N1CCN(c2n3ccc(-c4ccc(F)cc4nc32)CC1)c1ccc2c1(C)CCC2
vNsp12-mal-152	Z988056782	-9.7	0.269	486.55	REAL	CC(=O)c1ccc(N2CCN(C(=O)Nc3ccc(C(=O)N4CC5ccc5c4)3)CC2)c1F)F1
vNsp12-mal-153	ZINC000004277692	-9.7	0.262	493.56	ZINC	O=C(CO)ccc1ccc1Nc1ccc2n(c1=O)C[C@H]1[C@H]2CN(C(=O)c2ccc3ccc3c2)C1
vNsp12-mal-154	ZINC000008599007	-9.7	0.277	476.52	ZINC	Cc1nc2c3ccc3ncc(NNC(=O)CCC(=O)N3CCN(c4ccc(F)cc4)C3)n2n1
vNsp12-mal-155	ZINC000011880626	-9.7	0.294	447.51	ZINC	O=C(c1nc(C2CCN(C(=O)c3ccc(-c4ccc(F)cc4c3)CC2)nn1)N1CCCC1
vNsp12-mal-156	ZINC000012353311	-9.7	0.303	441.87	ZINC	O=C(Nc1ccc(-c2cc3ccc3oc2=O)c1)c1ccc(-c2cc(C)cc2)o1
vNsp12-mal-157	ZINC000015863645	-9.7	0.294	433.51	ZINC	O=C(Nc1ccc(Cc2n3ccc3[nH]2)c1)nc1[nH]e2c1Cce1ccc1-2
vNsp12-mal-158	ZINC00001798817	-9.7	0.243	521.57	ZINC	O=C(Oc1ccc2ccc2c1)c1ccc(N2C(=O)[C@H]3[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-159	ZINC000034856480	-9.7	0.285	451.53	ZINC	Cc1ccc2c(C)c1)NC(=O)[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-160	ZINC000035944105	-9.7	0.249	528.65	ZINC	C[C@H]1[C@H]2[C@H]3[C@H]4[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-161	ZINC000096324344	-9.7	0.294	447.42	ZINC	Cc1ccc(-n2cc(-c3nc(-c4ccc(C(F)F)cc4no3)c3ccc3c2)O)cc1
vNsp12-mal-162	ZINC000096324389	-9.7	0.294	467.83	ZINC	O=C1c2ccc2c2(-c2nc(-c3ccc(C(F)F)cc3)no2)nn1-c1ccc(C)cc1
vNsp12-mal-163	ZINC000096602166	-9.7	0.303	411.47	ZINC	c1ccc2cc3[nH]e(-c4ccc(-c5ncc67ccc67c6)[nH]5)n4n3cc2)cc1
vNsp12-mal-164	ZINC000108104867	-9.7	0.269	485.59	ZINC	O=C(Nc1ccc(C(=O)N2CCC[C@H](C)@H]3c3ncc4n3CCCC4)C2)c1)[C@H]1C2ccc2cc2O1
vNsp12-mal-165	ZINC000254598298	-9.7	0.285	465.53	ZINC	Cc1c2ccc2cc2c1-c1nc2cc(-c3ccc(OC4ccc4)cc3)cc(=O)n2n1
vNsp12-mal-166	PV-001811968521	-9.6	0.320	414.38	REAL	C[C@H](C)C(=O)Nc2ccc2CN1C(=O)c1ccc(-c2ccc(C(F)F)cc2)cc1
vNsp12-mal-167	PV-001817025364	-9.6	0.320	435.34	REAL	Cc1c(C(=O)N2CC[C@H]3(C)2)CC(F)F3)F)ccn1-c1ccc(C(F)F)cc1
vNsp12-mal-168	PV-001847889192	-9.6	0.331	401.35	REAL	Cc1ncc2[nH]nnc(NC(=O)c3ccc(-c4ccc(C(F)F)cc4)3)cc2c1
vNsp12-mal-169	PV-001850781837	-9.6	0.291	442.43	REAL	O=C(NNC(=O)[C@H](C)@H]C(=O)N2ccc2c2(=O)c1ccc(C(=O)Nc2ccc2c1
vNsp12-mal-170	PV-001878080383	-9.6	0.300	452.44	REAL	C[C@H]1[C@H]2[C@H]3[C@H]4[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-171	PV-001943068378	-9.6	0.310	456.83	REAL	O=C(Nc1ccc(C)cn1)c1ccc(NC(=O)N2CCC3(C)C2(C(F)F)C3)F)F)cc1
vNsp12-mal-172	PV-001943070473	-9.6	0.369	383.42	REAL	CC1CCC(C)NC(=O)Nc2ccc3cc4(cc3s2)OC(F)F)O4)C1
vNsp12-mal-173	PV-001946689956	-9.6	0.331	433.85	REAL	C[C@H](NC(=O)Nc1ncc(-c2ccc(C)cc2)F)s1)c1ccc2[nH]e)(=O)cc2c1
vNsp12-mal-174	PV-001950167475	-9.6	0.369	392.35	REAL	O=C(Nc1ncc(-c2ccc(C(F)F)cc2)S1)N[C@H]1CCC(F)F)C1
vNsp12-mal-175	PV-001950169455	-9.6	0.310	449.41	REAL	C[C@H](NC(=O)Nc1ncc(-c2ccc(C(F)F)cc2)S1)N[C@H]1CCC(F)F)C1
vNsp12-mal-176	PV-001950170094	-9.6	0.310	453.49	REAL	CC(=O)N1C[C@H]2CCC[C@H](NC(=O)Nc3ncc(-c4ccc(C(F)F)cc4)3)C[C@H]2C1
vNsp12-mal-177	PV-001954399966	-9.6	0.291	453.44	REAL	Cc1ccc(C(=O)Nc2ccc(CNC(=O)Nc3ccc4c3)OC(F)F)cc2)cc1
vNsp12-mal-178	PV-001954766777	-9.6	0.310	438.42	REAL	O=C(N[C@H]1CCCOC2ccc(F)cc2)N1CCO[C@H](C)@H]2ccc(C(F)F)cc2)C1
vNsp12-mal-179	PV-001958593376	-9.6	0.320	444.93	REAL	C[C@H]1[C@H]2[C@H]3[C@H]4[C@H]2[C@H]2(C)O5ccc(C(=O)N6CCc7ccc7C6)c5)[C@H]1[C@H]3[C@H]2
vNsp12-mal-180	PV-002017929246	-9.6	0.300	446.49	REAL	CCC(C)NC(=O)c1ncc(N2CCC(OCC(N)O)CC2)n1C[C@H]1[C@H]2[C@H]3[C@H]2
vNsp12-mal-181	Z1095049134	-9.6	0.310	430.47	REAL	Cc1nc(-c2ccc(F)cc2)sc1(C(=O)Nc1nc(-c2ccc3ccc3n2)[nH]1
vNsp12-mal-182	Z1095050500	-9.6	0.291	446.42	REAL	O=C(Cc1ccc(-c2ccc(F)cc2)F)O1)Nc1nc(-c2ccc3ccc3n2)[nH]1
vNsp12-mal-183	Z1095050822	-9.6	0.310	410.44	REAL	Cc1ccc(-n2ncc(C(=O)Nc3ncc(-c4ccc5ccc5n4)[nH]3)c2)cc1
vNsp12-mal-184	Z1144975103	-9.6	0.310	439.51	REAL	O=C(Nc1ncc(C2ccc(F)cc2)S1)C1CCN(C(=O)Nc2ccc2CC1
vNsp12-mal-185	Z1161138586	-9.6	0.291	438.49	REAL	Cc1c(C(=O)N2CCC(c3nc4ccc4o3)CC2)nn1-c1ccc2ccc2c1
vNsp12-mal-186	Z1162535345	-9.6	0.310	410.41	REAL	O=C(Nc1ccc2ccc2c(=O)[nH]1)c1ccc(-c2ccc2ncc2cc(F)cc1
vNsp12-mal-187	Z1165484524	-9.6	0.300	447.89	REAL	Cc1ccc(-c2nmm(C(=O)Nc3ccc(C(=O)Nc4ccc(C)cn4)3)nc2)cc1
vNsp12-mal-188	Z1180432091	-9.6	0.291	444.47	REAL	O=C(NCC(=O)N1C2ccc2cc2)Nc1ccc2ncc(-c3ccc(F)cc3)oc2c1
vNsp12-mal-189	Z1197674150	-9.6	0.300	425.44	REAL	O=C(Nc1nc(-c2ccc3c(e2)-c2ccc2C3)n1)Nc1ccc2c1(C)OCCO2
vNsp12-mal-190	Z1217450237	-9.6	0.291	443.48	REAL	O=C(N[C@H]1CCCNC2ccc(F)cc2)C1c1ccc(N2C(=O)c3ccc3C2=O)c1
vNsp12-mal-191	Z1323785248	-9.6	0.300	423.44	REAL	O=C(NC1ncc(NC(=O)c2ccc3ccc3n2)[nH]1)c1ccc2ccc2c1
vNsp12-mal-192	Z1408170318	-9.6	0.310	412.42	REAL	O=C(Nc1ccc(C(=O)N2ccc(-c3ccc3)nn2)c1)c1ccc(F)cc1
vNsp12-mal-193	Z1408175781	-9.6	0.291	436.47	REAL	O=C(Nc1ccc(-c2ccc2)nn1)c1ccc(NC(=O)[C@H]2C3ccc3O2)cc1
vNsp12-mal-194	Z140979507	-9.6	0.300	423.52	REAL	Cc1ccc(-c2ccc(C(=O)N3CCC4ncc(-c5ccc5n)j[nH]4)CC3)cc2)cc1
vNsp12-mal-195	Z14228733	-9.6	0.291	450.45	REAL	O=C(NC1C(=O)N[C@H]2(C)C3ccc3C2)C1=O)NC(=O)Nc1ccc2c1(C)OCCO2
vNsp12-mal-196	Z1610525231	-9.6	0.300	424.46	REAL	O=C(NNc1ccc2ccc2n1)c1ccc2ncc(-c3ccc(F)cc3)c2c1
vNsp12-mal-197						

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp12-nsp7.1-101	ZINC000006079580	-10.1	0.289	478.58	ZINC	Cc1ccc(-c2nn3c4ccc(NS(=O)=O)c5ccc(C)c5)c4c3c3ccc32)cc1
vNsp12-nsp7.1-102	ZINC0000094086253	-10.1	0.306	474.60	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]4[C@@H]1(C@H)3C2=O)C@H)2[C@@H]4[C@@H]3C(=O)C1=O)sc3[C@H]2c2ccc2cc1
vNsp12-nsp7.1-103	ZINC000012241328	-10.1	0.273	494.60	ZINC	O=C1ccc(N2CCNC2=O)C1N1CCC(n2c(Cc3ccc3)nc3)CC1
vNsp12-nsp7.1-104	ZINC000014122643	-10.1	0.273	496.57	ZINC	Cc1ccc(C2=NN(C(=O)CN3C(=O)N)C@H)4(CCCc5ccc54)C3=O)C@H)3(Cc3ccc3)C2cc1
vNsp12-nsp7.1-105	ZINC000010778240	-10.1	0.297	461.65	ZINC	CC1(C)C[C@]2(CCCN(Cc3nc4e(e=O)n)h)3(C3CCCC3)C3ccc3c42)COC1
vNsp12-nsp7.1-106	ZINC0000101025558	-10.1	0.281	479.49	ZINC	O=C1C(C@H)N(O)C@H)2CC(=O)N(c3ccc4ccc4c3)C2=O)C(=O)N1c1ccc2ccc2e1
vNsp12-nsp7.1-107	ZINC0000101407765	-10.1	0.326	409.44	ZINC	CC(=O)C@H)1C@H)2C(=O)N(c3ccc4ccc4c3)C(=O)C@H)2(C@H)3C(=O)C@H)2c3ccc3c3=NN12
vNsp12-nsp7.1-108	ZINC00001011899769	-10.1	0.326	409.44	ZINC	CC(=O)C@H)1C@H)2C(=O)N(c3ccc4ccc4c3)C(=O)C@H)2(C@H)3C(=O)C@H)2c3ccc3c3=NN12
vNsp12-nsp7.1-109	ZINC0000118713478	-10.1	0.316	446.55	ZINC	C[C@]12C[C@H]3[C@@H]1C@H)CC=C4C[C@@H]1O)C[C@@H]1C@H)3C(=O)C@H)1(C)C=Cc1ccc(C(F)F)cc1]C@H)2O
vNsp12-nsp7.1-110	ZINC0000118913479	-10.1	0.316	446.55	ZINC	C[C@]12C[C@H]3[C@@H]1C@H)CC=C4C[C@@H]1O)C[C@@H]1C@H)3C(=O)C@H)1(C)C=Cc1ccc(C(F)F)cc1]C@H)2O
vNsp12-nsp7.1-111	ZINC0000399733022	-10.1	0.306	449.45	ZINC	O=C(O)C@H)1CNC1(=O)OCC2c3ccc3-c3ccc32)C[C@H]1c1ccc(F)cc1
vNsp12-nsp7.1-112	ZINC000048719153	-10.1	0.273	483.57	ZINC	C[C@]12C(=O)C@H)1(C)C(c3ccc3)=C1c1ccc1]C@H)1(C)C(=O)N(c3ccc4ccc4c3)C(=O)C@H)2
vNsp12-nsp7.1-113	ZINC000048719155	-10.1	0.273	483.57	ZINC	C[C@]12C(=O)C@H)1(C)C(c3ccc3)=C1c1ccc1]C@H)1(C)C(=O)N(c3ccc4ccc4c3)C(=O)C@H)2
vNsp12-nsp7.1-114	ZINC000048730040	-10.1	0.273	485.54	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-115	ZINC000048730070	-10.1	0.273	485.54	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-116	ZINC000048730073	-10.1	0.273	485.54	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-117	ZINC000048732458	-10.1	0.266	499.57	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-118	ZINC000048732459	-10.1	0.266	499.57	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-119	ZINC000049334997	-10.1	0.281	466.50	ZINC	O=C(Nc1ccc2ccc2e1)Nc1ccc2c3c4ccc4n4ccc43n2e1
vNsp12-nsp7.1-120	ZINC000049336215	-10.1	0.266	499.57	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-121	ZINC000049336222	-10.1	0.266	499.57	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-122	ZINC000049336236	-10.1	0.266	499.57	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-123	PV-001796740426	-10.0	0.333	399.49	REAL	Cc1ccc(-c2ccc(CNC(=O)C)C)3(C)C4ccc(C)cc4C(=O)O3)cc2e1
vNsp12-nsp7.1-124	PV-001797183967	-10.0	0.370	368.38	REAL	Cc1ccc(Fc2nc(O)cc(C(=O)N)3CC4c(C)ccc(F)4)cc2e1
vNsp12-nsp7.1-125	PV-001806014065	-10.0	0.345	384.41	REAL	O=C1C1ccc2ccc2e1]Nc1ccc1C(=O)c1ccc(F)cc1
vNsp12-nsp7.1-126	PV-001806071433	-10.0	0.345	391.51	REAL	CC1ccc(C@H)2CCCN(C(=O)C)C@H)1(C)C(C)Oe4ccc(C)cc4C(=O)O3)C2cc1
vNsp12-nsp7.1-127	PV-001807671417	-10.0	0.357	376.50	REAL	Cc1ccc2e1c]CN(C(=O)c1ccc3c(e1)C)C(C)C(=O)N3C(C)C(C)C2
vNsp12-nsp7.1-128	PV-001808104117	-10.0	0.357	376.50	REAL	Cc1ccc2e1c]CC(C)C(C)N(C(=O)c1ccc3c(e1)C)C(C)C(=O)N3C(C)C(C)C2
vNsp12-nsp7.1-129	PV-001808104396	-10.0	0.385	344.46	REAL	Cc1ccc2nc(C(=O)N)3C4ccc(C)cc4C3(C)C2cc1
vNsp12-nsp7.1-130	PV-001814106712	-10.0	0.345	386.49	REAL	CC(C)C(NC(=O)C)C@H)1(C2ccc2)CNC(=O)C1c1ccc2ccc2e1
vNsp12-nsp7.1-131	PV-001840349532	-10.0	0.345	388.47	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-132	Z1260002546	-10.0	0.333	401.47	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-133	Z1265415510	-10.0	0.345	386.49	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-134	Z1661121208	-10.0	0.345	384.44	REAL	Cc1ccc(C)C@H)2CN(C(=O)C)C@H)3C(=O)C@H)1(C)C(C)O2e1
vNsp12-nsp7.1-135	Z1662836347	-10.0	0.333	395.46	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-136	Z1683496358	-10.0	0.345	384.44	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-137	Z1684154378	-10.0	0.345	384.44	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-138	Z1685426665	-10.0	0.345	388.47	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-139	Z1715344018	-10.0	0.333	398.46	REAL	O=C1C[C@H]2[C@@H]1C[C@@H]3(C)C(=O)C2=O)C@H)2C(=O)Oe4ccc5ccc5c4C2=C[C@H]3c2ccc2cc1
vNsp12-nsp7.1-140	Z1739137680	-10.0	0.370	381.45	REAL	O=C(O)C1C@H)2[C@@H]1C2ccc2CCN1S(=O)=O)C1c1ccc2ccc2e1
vNsp12-nsp7.1-141	Z1767257525	-10.0	0.345	382.46	REAL	CC(C)C@H)1C2ccc2CCN1C(=O)c1ccc2n]h]c3ccc3e1=O)cc2e1
vNsp12-nsp7.1-142	Z1890369782	-10.0	0.333	395.42	REAL	O=C1C1nc(-c2cc3ccc3cc2)N1]Nc1ccc2ccc2e1
vNsp12-nsp7.1-143	Z1890371032	-10.0	0.333	399.45	REAL	O=C1C1nc(-c2cc3ccc3cc2)N1]Nc1ccc2ccc2e1
vNsp12-nsp7.1-144	Z1890760540	-10.0	0.345	384.44	REAL	O=C1C1C@H)2[C@@H]1C2nc(-c3n]h]c4ccc34)mo2)CN1c1ccc2e1c1)CCC2
vNsp12-nsp7.1-145	Z1890913355	-10.0	0.333	402.43	REAL	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-146	Z1891194093	-10.0	0.345	395.41	REAL	O=C1C1C@H)2[C@@H]1C2nc(-c3ccc(C)F)F)3)mo2)CN1c1ccc2e1c1)CCC2
vNsp12-nsp7.1-147	Z1892011706	-10.0	0.345	385.42	REAL	CC1C2ccc(N3C(=O)N)C@H)2(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-148	Z1897862098	-10.0	0.323	434.48	REAL	CC(=O)N1CC2cc(S(=O)=O)Nc3nnc(-c4ccc5ccc5c4)C3=O)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-149	Z2087376571	-10.0	0.345	382.42	REAL	CC1c1ccc2N3C(=O)N)C@H)2(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-150	Z2089212661	-10.0	0.370	360.46	REAL	O=C1CC2cc(C(=O)N)3C1C@H)2(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-151	Z2099332460	-10.0	0.303	443.55	REAL	O=C1C@H)1CCN(C(=O)C)C@H)2CC(=O)N(c3ccc4c(c3)C3ccc3c4)C2=O)C1)CCCC1
vNsp12-nsp7.1-152	Z2099605296	-10.0	0.357	376.43	REAL	O=C(NC1[C@H]2CC[C@H]1C1c1ccc1C2)C1cc(=O)n]h]2ccc(F)cc1
vNsp12-nsp7.1-153	Z2178344971	-10.0	0.345	385.51	REAL	O=C1c1ccc2n]h]c3(e2e1)CCCC3N1CCN2c3ccc3c3]C@H)2C1
vNsp12-nsp7.1-154	Z246653990	-10.0	0.323	417.46	REAL	O=CN1CC2cc(C(=O)CN3C(=O)N)C@H)2(C)C(=O)N(c3ccc4ccc4c3)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-155	Z509399372	-10.0	0.345	382.46	REAL	C[C@H]1(C)C(=O)N(c1ccc2e1c)C1c1ccc1C2)C1ccc2e1c1)CCC(=O)N2
vNsp12-nsp7.1-156	Z804787624	-10.0	0.303	437.50	REAL	O=C1CC2cc(NC(=O)C)C@H)3CC(=O)N(c4ccc5e(c4)C4ccc5)C3=O)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-157	Z941458154	-10.0	0.313	423.47	REAL	O=C1NC2ccc(NC(=O)C)C@H)3CC(=O)N(c4ccc5e(c4)C4ccc5)C3=O)C2=O)C@H)3c2ccc2cc1
vNsp12-nsp7.1-158	Z998162622	-10.0	0.313	424.50	REAL	O=C1Nc1ccc2e1c]CC2]C@H)1CCCN(C(=O)c1ccc2c3]h]c4ccc3c2)C1
vNsp12-nsp7.1-159	ZINC00000126553	-10.0	0.370	348.40	ZINC	Cc1ccc(-c2nnc(Oe3ccc4ccc4c3)c3ccc32)cc1
vNsp12-nsp7.1-160	ZINC000001465879	-10.0	0.333	394.43	ZINC	Cc1ccc(-c2nnc(Oe3ccc4ccc4c3)c3ccc32)cc1
vNsp12-nsp7.1-161	ZINC000001588368	-10.0	0.294	446.52	ZINC	Cc1n]h]c2ccc2e1c1cc(-c2cc(-c3c(C)N]h]c4ccc43)nc(N)2)nc(N)n1
vNsp12-nsp7.1-162	ZINC000002060689	-10.0	0.333	501.32	ZINC	O=C1cc2ccc2e2e1]C@H)1(c1ccc1)Nc1ccc3ccc3c1-2
vNsp12-nsp7.1-163	ZINC000002117176	-10.0	0.333	399.49	ZINC	Cc1ccc(C)C)C1N1CO2e1C3ccc(=O)c4ccc4c3cc2C1
vNsp12-nsp7.1-164	ZINC000002294237	-10.0	0.357	366.42	ZINC	Cc12ccc(-c3ccc4ccc4c3)c2cc3c(e1=O)cc1)C3CC3
vNsp12-nsp7.1-165	ZINC000002360444	-10.0	0.278	471.52	ZINC	O=C1c1ccc2(C@H)1C@H)2C(=O)N(c3ccc4ccc4c3)C(=O)C@H)2(C)C@H)2c3ccc3c3=NN12
vNsp12-nsp7.1-166	ZINC000006301202	-10.0	0.270	496.66	ZINC	CC1cc(C)c2n]h]c(e1=O)C@H)1(C)C3nnc3C3ccc33)N3CCC4(C)CCCC43)cc2e1
vNsp12-nsp7.1-167	ZINC000008475488	-10.0	0.333	398.46	ZINC	Cc1ccc(N2C)C@H)1(C)C(=O)N(c3ccc4e(c3)oc3ccc4)C2=O)C(=O)C1
vNsp12-nsp7.1-168	ZINC000008699170	-10.0	0.313	423.47	ZINC	O=C(O)C@H)2[C@@H]1C@H)2C(=O)OCC1c2ccc2-c2ccc2e1]C@H)3c1ccc2ccc2e1
vNsp12-nsp7.1-169	ZINC000009356565	-10.0	0.294	442.48	ZINC	Oc1ccc1c1-nc2e3c(ncn2n1)Oe1c2ccc2ccc1]C@H)3c1ccc1
vNsp12-nsp7.1-170	ZINC000011665532	-10.0	0.294	442.48	ZINC	O=C(Nc1ccc(-c2ccc3nnc(-c4ccc4n)3n2)cc1)cc1ccc2ccc2e1
vNsp12-nsp7.1-171	ZINC000012274563	-10.0	0.333	393.44	ZINC	O=C(Nc1ccc2ccc2e1]c1ccc2e1c1]C[C@H]1C1ccc1)OCC2=O
vNsp12-nsp7.1-172	ZINC000012760361	-10.0	0.286	458.52	ZINC	O=C(Cc1ccc2ccc2e1)NN1C(=O)C@H)2C@H)1(C)C1c3ccc3C2c2ccc2e1
vNsp12-nsp7.1-173	ZINC000013513993	-10.0	0.263	515.57	ZINC	O=C1/c=C2en(-c3ccc3)nc2-c2ccc3ccc3c2)sc2nc(-c3cc(F)cc3)nn12
vNsp12-nsp7.1-174	ZINC000013757548	-10.0	0.263	511.61	ZINC	Cc1ccc(-c2nc3c(e=C4e4n(-c5ccc5)nc4-c4ccc5ccc5c4)C(=O)N)3n2)C1
vNsp12-nsp7.1-175	ZINC000014272522	-10.0	0.278	472.50	ZINC	Cc1ccc(-c2nc3cc(NC(=O)O)ccc4ccc(-c5ccc6ccc6c5)O)cc4)ccc3)cc1
vNsp12-nsp7.1-176	ZINC000016037585	-10.0	0.263	500.55	ZINC	OC1ccc(C=O)C@H)2[C@@H]3C(=O)N(c4ccc5ccc5c4)C(=O)C@H)2(C)C@H)2c3ccc3c3=NN12
vNsp12-nsp7.1-177	ZINC000016525610	-10.0	0.303	429.47	ZINC	O=C(Nc1ccc2ccc2e1]c1ccc2e1c1)C1ccc1-2)cc1ccc(-c2ccc3ccc3c2)cc1
vNsp12-nsp7.1-178	ZINC000017862766	-10.0	0.250	520.59	ZINC	O=C(Nc1ccc2ccc2e1]c1ccc2e1c1)C1ccc1-2)cc1ccc(-c2ccc3ccc3c2)cc1
vNsp12-nsp7.1-179	ZINC000020100563	-10.0	0.270	504.97	ZINC	O=C1ccc(C)C1]C@H)1C@H)2C(=O)N(c3ccc4ccc4c3)C(=O)C@H)2(C)C@H)2c3ccc3c3=NN12
vNsp12-nsp7.1-180	ZINC000020633960	-10.0	0.357	371.44	ZINC	Cc1ccc(-c2cc(=O)n]h]c(Nc3nc(C)cc4C)cc4n3)nc2e1
vNsp12-nsp7.1-181	ZINC000020634926	-10.0	0.313	460.32	ZINC	O=C1cc(-c2ccc(C)cc2)n]h]c(Nc2nc3ccc(C)cc3(-c3ccc3)3n2)n1
vNsp12-nsp7.1-182	ZINC000029796308	-10.0	0.256	513.60	ZINC	Cc1ccc2e1NC(=O)C@H)2]1N2CCC[C@H)2]C@H)1(C)C(=O)c2ccc3ccc3c2]C@H)2c1ccc1NC2=O
vNsp12-nsp7.1-183	ZINC000029918523	-10.0	0.278	464.56	ZINC	O=C1[C@H]2C(c3ccc3)=C(c3ccc3)C[C@H]2C(=O)C@H)2C3c4ccc4C4(C)CCCC43]C@H)12
vNsp12-nsp7.1-184	ZINC00002996343569	-10.0	0.270	498.62	ZINC	Cc12ccc(-c3ccc3)c2cc2e1C)C(C(=O)N)C1C@H)3CCCN4CCC1C@H)34]c(=O)Oe12
vNsp12-nsp7.1-185	ZINC0000100688954	-10.0	0.256	511.58	ZINC	Cc1ccc(N2C(=O)C@H)3[C@@H]1C2=O)C@H)2c4ccc4c4=NN22]C@H)3C(=O)Oe2ccc(-c3ccc3)cc2cc1
vNsp12-nsp7.1-186	ZINC0000101025561	-10.0	0.278	479.49	ZINC	O=C1C1C@H)N(O)C@H)2CC(=O)N(c3ccc4ccc4c3)C2=O)C(=O)N1c1ccc2ccc2e1
vNsp12-nsp7.1-187	ZINC0000104529567	-10.0	0.286	468.55	ZINC	Cc1ccc(N2C(=O)C3=C(C2=O)C)C=C)C@H)1(C)C@H)2CC(=O)N(c4ccc(C)C)C4C2=O)C3)cc1C
vNsp12-nsp7.1-188	ZINC0000118916170	-10.0	0.345	457.45	ZINC	C[C@]12C[C@H]3[C@@H]1C@H)CC=C4C[C@@H]1O)C[C@@H]1C@H)3C(=O)C@H)1(C)C=Cc1ccc(C(F)F)cc1]C@H)2O
vNsp12-nsp7.1-189	ZINC0000118916423	-10.0	0.345	413.00	ZINC	C[C@]12C[C@H]3[C@@H]1C@H)CC=C4C[C@@H]1O)C[C@@H]1C@H)3C(=O)C@H)1(C)C=Cc1ccc(C(F)F)cc1]C@H)2O
vN						

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp13-as1-1	ZINC00003722678	-10.8	0.309	476.413	ZINC	O=C1Nc2ccc2/C1=N/N/C=C1/C(=O)N(c2ccc2C(F)F)C(=O)c2ccc21
vNsp13-as1-2	ZINC00004405315	-10.6	0.303	467.48	ZINC	CC(=O)N1CC2=C(C1=O)C@H](C1=O)C(=O)O1c1c1c(C)3ccc(c1)N2
vNsp13-as1-3	Z1213022199	-10.5	0.328	433.442	REAL	Cc1c(F)ccc1-c1ccc(C@H)2NC(N)=Nc3c4ccc(cc4n3)OCCCO5o1
vNsp13-as1-4	Z1766348377	-10.5	0.339	426.368	REAL	O=C(c1cc(F)cc2c(=O)c3cc(F)ccc3[nH]e12)N1CC2c2(F)cc(F)cc21
vNsp13-as1-5	Z1766340984	-10.5	0.339	426.368	REAL	O=C(c1cc(F)cc2c(=O)c3cc(F)ccc3[nH]e12)N1CC2c2(F)cc(F)cc21
vNsp13-as1-6	Z1870462980	-10.5	0.339	417.443	REAL	O=C1NC2(Cc3ccc3C2)C(=O)N1]C@H]1CC2nnc(-c3cc(F)cc3)n2C1
vNsp13-as1-7	Z2118684028	-10.5	0.375	383.313	REAL	O=C(NNc1nc2ccc2c(=O)[nH]1)l1cnc2c(F)cc(F)cc21O
vNsp13-as1-8	Z1177635971	-10.4	0.385	371.386	REAL	O=C(NCC(=O)N1CC2cc(F)cc(F)cc2)N1CC2ccc2c1
vNsp13-as1-9	ZINC000001139247	-10.4	0.325	443.482	ZINC	Cc1ccc(C(=O)O)c2ccc(NC3=NS(=O)=O)c4ccc43c2)c2ccc2n1
vNsp13-as1-10	Z1098711166	-10.3	0.322	438.437	REAL	O=C(Nc1n[nH]c2ccc(F)cc12)[C@H]1CCC[C@@H]1(C)Nc2n[nH]c3ccc(F)cc23)C1
vNsp13-as1-11	Z1863314277	-10.3	0.322	431.451	REAL	O=C(c1ccc(C(=O)N)N2CC3c3cnc(O)c3C2)n1N1CC2ccc(O)c2C1
vNsp13-as1-12	Z226201106	-10.3	0.322	449.857	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(C)C(=O)Nc2nnc3ccc(C1)nn3)C1=O
vNsp13-as1-13	ZINC000013785711	-10.3	0.322	446.864	ZINC	O=C(c1ccc(F)cc2ccc1)[C@H]1Oc2ccc2[C@@H]2CC1(c3ccc(C1)ccc3)=NN21
vNsp13-as1-14	ZINC000016037828	-10.3	0.278	504.972	ZINC	O=C(c1ccc(C)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=CN12
vNsp13-as1-15	ZINC000096319667	-10.3	0.286	476.543	ZINC	Cc1ccc(C2=C[C@H](c3ccc(C)cc3)n3nnc3N2C)C(=O)Nc2[nH]c3ccc3nH]2)cc1
vNsp13-as1-16	ZINC000101344117	-10.3	0.278	489.505	ZINC	O=C(c1ccc(F)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-17	ZINC000101344120	-10.3	0.278	489.505	ZINC	O=C(c1ccc(F)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-18	ZINC000247747569	-10.3	0.278	486.53	ZINC	O=C(Nc1ccc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-19	ZINC000408732461	-10.3	0.271	499.565	ZINC	Cc1ccc(Cc2(C)C(=O)[C@H]3[C@H](C2=O)[C@H]2C(=O)O)c4ccc5ccc5c4C2=C[C@H]3c2ccc2c1
vNsp13-as1-20	ZINC000524729443	-10.3	0.278	494.454	ZINC	O=C(O)c1ccc(-c2ccc(C[C@@H]3CC(=O)O)c4(O)c5(=O)c(-c6ccc6)ccc5c4)o2)cc1
vNsp13-as1-21	PV-001857843067	-10.2	0.34	420.394	REAL	Cc1n[nH]e1N2CCN(C(=O)c3nc(-c4ccc(C(F)F)F)cc4)oc3)C2n1
vNsp13-as1-22	PV-001868519018	-10.2	0.352	400.384	REAL	Cc1c(C(=O)N)N2CC3cc(F)cc(F)cc3)C2nec2c1c(=O)n(C)c(=O)n2C
vNsp13-as1-23	PV-001952127672	-10.2	0.378	370.402	REAL	Cn1nc(NC(=O)N2CC[C@H]2C2cc(F)cc2)F2)ccc21
vNsp13-as1-24	Z2004704195	-10.2	0.329	422.405	REAL	Cc1cc(F)cc2c1CN(C(=O)c1ccc(F)cc3(=O)c4cc(F)cc4[nH]c13)CC2
vNsp13-as1-25	Z2227156625	-10.2	0.329	413.396	REAL	O=C(Nc1nc2[nH]jnn12)l1cc(-c2ccc3c(O)CCO3)nc2ccc12
vNsp13-as1-26	ZINC00003953839	-10.2	0.3	437.525	ZINC	Nc1cc2(nc34ccc4c(N)cc3)n+2-c2ccc3ccc32)cc2ccc12
vNsp13-as1-27	ZINC00004844433	-10.2	0.329	412.419	ZINC	O=c1c2cc(F)cc2ccc1[C@H]1Oc2ccc2[C@@H]2C(c3ccc3)=NN21
vNsp13-as1-28	ZINC00008768708	-10.2	0.3	492.002	ZINC	Cc1ccc(Nc2nc3(S(=O)=O)c4ccc(C)c(C)cn3)ccc(C1)cc3)cc1C
vNsp13-as1-29	ZINC000016037199	-10.2	0.276	504.972	ZINC	O=C(c1ccc(Cl)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=CN12
vNsp13-as1-30	ZINC000016038169	-10.2	0.276	505.96	ZINC	O=C(c1ccc(Cl)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-31	ZINC000016038238	-10.2	0.276	505.96	ZINC	O=C(c1ccc(Cl)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-32	ZINC000064986838	-10.2	0.291	492.594	ZINC	Cc1ccc(Oc2cc3c(cc2S(=O)=O)N2CC(C)CC2)C(=O)Nc2ccc(C)cc2)cc1
vNsp13-as1-33	ZINC00009605270	-10.2	0.309	440.437	ZINC	O=C(Nc1ccc(-n2ccc3ccc32)nn1)l1ccc(=O)n(C)C2cc(F)cc2)n1
vNsp13-as1-34	ZINC000101983999	-10.2	0.329	417.424	ZINC	COc1ccc(N2C(=O)C[C@@H]1(C)C(=O)Nnc1)cc1
vNsp13-as1-35	ZINC000229889742	-10.2	0.262	555.914	ZINC	O=C(Nc1ccc(C(F)F)F)C1[C@H]1[C@@H]2C(=O)N(c3ccc(F)cc3)C(=O)[C@@H]2[C@H]2c3ccc3C=CN12
vNsp13-as1-36	PV-001815889801	-10.1	0.348	397.424	REAL	CC(C)C(C)Inoc(-c2ccc2C(=O)N2CC3cc(F)cc(F)cc3)C2n1
vNsp13-as1-37	PV-001878579886	-10.1	0.348	400.384	REAL	Cc1c(C(=O)N)N2CC3cc(F)cc(F)cc3)C2nec2c1c(=O)n(C)c(=O)n2C
vNsp13-as1-38	PV-001885289189	-10.1	0.348	459.234	REAL	O=C1CN(C(=O)c2ccc(C(=O)Nc3nnc(-c4ccc(Br)cc4)F)nn3)C2n1
vNsp13-as1-39	Z1162535183	-10.1	0.326	407.432	REAL	O=C(Nc1nc2ccc2c(=O)[nH]1)l1cc(-c2ccc2)nn1-c1ccc1
vNsp13-as1-40	Z1213022201	-10.1	0.316	433.442	REAL	Cc1cc(F)cc1-c1ccc(C@H)2NC(N)=Nc3c4ccc(cc4n3)OCCCO5o1
vNsp13-as1-41	Z1232080016	-10.1	0.348	390.446	REAL	O=C(Nc1n[nH]n1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=CN12
vNsp13-as1-42	Z1265197408	-10.1	0.306	438.529	REAL	O=C(Nc1ccc2nnc12)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-43	Z1368708937	-10.1	0.348	397.424	REAL	CC(C)C(C)Inoc(-c2ccc2C(=O)N2CC3cc(F)cc(F)cc3)C2n1
vNsp13-as1-44	Z1454113026	-10.1	0.348	397.424	REAL	CC(C)C(C)Inoc(-c2ccc2C(=O)N2CC3cc(F)cc(F)cc3)C2n1
vNsp13-as1-45	Z1486793397	-10.1	0.348	400.384	REAL	Cc1c(C(=O)N)N2CC3cc(F)cc(F)cc3)C2nec2c1c(=O)n(C)c(=O)n2C
vNsp13-as1-46	Z1610504963	-10.1	0.326	429.455	REAL	O=C(NNc1ccc2ccc2n1)l1ccc2c(e1)S(=O)=O)c1ccc1C=O
vNsp13-as1-47	Z17072220	-10.1	0.316	457.437	REAL	O=C1N[C@@H]2(CS(=O)=O)c3ccc(F)cc3)C(=O)N1CN1(C(=O)c2ccc2C1=O
vNsp13-as1-48	Z1766157856	-10.1	0.326	426.368	REAL	O=C(c1cc(F)cc2c(=O)c3cc(F)ccc3[nH]e12)N1CC2c2(F)cc(F)cc21
vNsp13-as1-49	Z1767338577	-10.1	0.337	408.363	REAL	O=C(c1cc(F)cc2c(=O)c3cc(F)ccc3[nH]e12)N1CC2c2(F)cc(F)cc21
vNsp13-as1-50	Z1863308744	-10.1	0.316	431.451	REAL	O=C(c1ccc(C)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-51	Z1934181248	-10.1	0.306	449.466	REAL	C[C@H]1(c2ccc3ccc3c2)NC(=O)N(C)C(=O)N2CC[C@@H]3(C)NC(=O)Nc3=O)C1=O
vNsp13-as1-52	Z1983290694	-10.1	0.348	392.458	REAL	O=C1N[C@@H]2(C[C@H]3[C@H](C)C@H]2[C@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-53	Z1985096585	-10.1	0.306	445.474	REAL	O=C1N[C@@H]2CCN(C(=O)c3cc(-c4ccc5c(O)CCO5)nc4ccc34)C[C@@H]2C1
vNsp13-as1-54	Z2040486166	-10.1	0.374	376.341	REAL	O=c1n[nH]c(NN=C2)CC[C@@H]2c2ccc(C(F)F)F)cc2)nn1
vNsp13-as1-55	Z211595058	-10.1	0.326	416.444	REAL	Cc1cccc1-n1cc(C@H)2NC(N)=Nc3c4ccc(cc4n3)OCCCO5n1
vNsp13-as1-56	Z2115933270	-10.1	0.361	387.305	REAL	Cn1nec2c(=O)[nH]e1N(C)C(=O)c3nec4(F)cc(F)cc43)oc21
vNsp13-as1-57	Z219422760	-10.1	0.326	419.419	REAL	NC1=Ne2n3cc4(cc3n2)[C@H](c2[nH]c2-c2ccc(F)cc2)N1OCCCO2
vNsp13-as1-58	Z2198323213	-10.1	0.306	446.466	REAL	Cc1cc(C(=O)N)N2CC3cn[nH]e1(O)c3C2)cc(C(=O)N2CC3cn[nH]e1(O)c3C2)c1
vNsp13-as1-59	Z2380825681	-10.1	0.326	415.456	REAL	Cc1cccc1-n1cc(C@H)2NC(N)=Nc3c4ccc(cc4n3)OCCCO5n1
vNsp13-as1-60	Z384982934	-10.1	0.281	494.582	REAL	Cc1ccc(-n2c(=O)c3ccc3n3c(S)C[C@@H](C)4nmm4-4ccc4c4)nn23)cc1C
vNsp13-as1-61	Z384987856	-10.1	0.281	494.582	REAL	Cc1ccc(-n2c(=O)c3ccc3n3c(S)C[C@@H](C)4nmm4-4ccc4c4)nn23)cc1C
vNsp13-as1-62	Z980023660	-10.1	0.281	492.524	REAL	O=C(Nc1ccc2n3n(c(=O)c2)l1)CC3[C@@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-63	ZINC00000990146	-10.1	0.259	581.421	ZINC	CCN1C(=O)COc2ccc(C(=O)c3ccc4ccc43)C(=O)Nc3ccc3c4)cc21
vNsp13-as1-64	ZINC000002152735	-10.1	0.316	421.499	ZINC	Cc1ccc(C[C@@H]2c3[nH]c4ccc43)C[C@@H]3(C(=O)N)Nc4ccc(C)C4(=O)N23)cc1
vNsp13-as1-65	ZINC00003399901	-10.1	0.348	400.505	ZINC	Cc1ccc2n3c4ccc4c(Nc4ccc(C)C)4)nn3c(=O)c21C
vNsp13-as1-66	ZINC000006149677	-10.1	0.246	549.559	ZINC	Cc1nn(-c2ccc2n2)cc1[C@H]1(C)ccc1N1c3ccc3N=C(Nc3ccc(C(F)F)F)C3)C1=N2
vNsp13-as1-67	ZINC000006149935	-10.1	0.24	567.549	ZINC	Cc1nn(-c2ccc2n2)cc1[C@H]1(C)ccc1N1c3ccc3N=C(Nc3ccc(C(F)F)F)C3)C1=N2
vNsp13-as1-68	ZINC000098299909	-10.1	0.316	443.53	ZINC	Cc1nec(S(=O)=O)c2nnc3c2nec(Nc2ccc2C)cc2ccc23)cc1C
vNsp13-as1-69	ZINC000012760866	-10.1	0.348	444.287	ZINC	O=C1Nc2ccc2[C@@H]2O1ccc(Br)cc1-c1ccc(-c3ccc3)nn12
vNsp13-as1-70	ZINC000016037585	-10.1	0.266	500.553	ZINC	COc1ccc(C(=O)[C@@H]2[C@H]3C(=O)N(c4ccc5ccc54)C(=O)[C@@H]3[C@H]3c4ccc4C=CN23)cc1
vNsp13-as1-71	ZINC000016038256	-10.1	0.281	499.909	ZINC	O=C(c1ccc(C)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)OCCO4)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-72	ZINC000019323388	-10.1	0.337	400.485	ZINC	Cc1ccc2c3c(c1)C(=O)C[C@@H]3(C)N3C(=O)[C@@H]2N1C(=O)Nc2ccc2)N1
vNsp13-as1-73	ZINC000059488049	-10.1	0.326	428.467	ZINC	O=C(O)ccc(NC2=NS(=O)=O)c3ccc32)cc1ccc2ccc21
vNsp13-as1-74	ZINC000065011053	-10.1	0.297	478.571	ZINC	Cc1nn2c1(-c1ccc(C)S(=O)=O)N1C@H]3CCc4ccc43)l1N(C)C(=O)OCCCO2=O
vNsp13-as1-75	ZINC000096310043	-10.1	0.326	442.925	ZINC	O=C(Nc1ccc(C)cc1)F)N1CC[C@@H]2(C)Nc1ccc1N1C2=NC1)CCCC1
vNsp13-as1-76	ZINC000097993226	-10.1	0.297	487.345	ZINC	Oc1nec(C1)=C2ccc(C=C)C(C)3nec(O)c4ccc4n3)cc2ccc12
vNsp13-as1-77	ZINC000253413600	-10.1	0.281	478.455	ZINC	O=C(O)c1ccc(-c2ccc(C[C@@H]3CC(=O)O)c4ccc43)cc2)cc1
vNsp13-as1-78	ZINC000408729324	-10.1	0.289	463.531	ZINC	Cc1ccc2c1)O[C@@H]1[C@@H]2C=C[C@H](c2ccc2)[C@H]2C(=O)N(c3cc(F)ccc3)C(=O)[C@@H]21
vNsp13-as1-79	PV-001817572093	-10.2	0.323	427.45	REAL	Cc1ccc(C)cc1(C(=O)N)N2CC[C@@H]1(C)N3CC(=O)Nc4cc(F)cc43)C2)cc1
vNsp13-as1-80	PV-001819877884	-10.2	0.345	397.424	REAL	CC(C)C(C)Inoc(-c2ccc2C(=O)N2CC3cc(F)cc(F)cc3)C2n1
vNsp13-as1-81	PV-001860195452	-10.2	0.345	412.375	REAL	Cc1nec(C(=O)N)N2NC(=O)C[C@@H]3(C)C[C@@H]3(C)Nn1-c1nec(C(F)F)F)nn1
vNsp13-as1-82	PV-001947029801	-10.2	0.323	429.445	REAL	Cc1nec(C(=O)N)N2NC(=O)C[C@@H]3(C)C[C@@H]3(C)Nn1-c1nec(C(F)F)F)nn1
vNsp13-as1-83	Z1024047410	-10.2	0.323	438.507	REAL	Cc1nec(C(=O)N)N2NC(=O)C[C@@H]3(C)C[C@@H]3(C)Nn1-c1nec(C(F)F)F)nn1
vNsp13-as1-84	Z1027823858	-10.2	0.303	448.461	REAL	O=C1Nc2ccc2[C@@H]1C1CCN(C(=O)CNC2=NS(=O)=O)c3ccc32)CC1
vNsp13-as1-85	Z1081937624	-10.2	0.303	444.577	REAL	Cc1nnm1-c1ccc(NC(=O)N2CC[C@@H]1(C)C3nc(-c4ccc(F)cc4)nn3)C2)cc1
vNsp13-as1-86	Z1149406131	-10.2	0.333	395.461	REAL	Cc1ccc2nc(-c3ccc3)cc(C(=O)N)N3CC4ccc(O)cc43)cc21
vNsp13-as1-87	Z1167294927	-10.2	0.313	430.478	REAL	Cc1ccc(F)cc21CCCN2C(=O)c1ccc(NC(=O)[C@@H]2C3ccc3cc3)cc21
vNsp13-as1-88	Z1212625159	-10.2	0.303	442.521	REAL	Cc1ccc(C(=O)N)N2CC[C@@H]1(C)N3n[nH]e4c3(-c3ccc3)nn4)C2)cc1
vNsp13-as1-89	Z1391612746	-10.2	0.303	439.518	REAL	O=C(N[C@@H]1CCCN(C(=O)c2ccc2Cn2nec2)C1)ccc2ccc21
vNsp13-as1-90	Z1423984401	-10.2	0.333	410.448	REAL	O=C1CN(C(=O)N)N2ccc(C(=O)Nc3ccc(F)cc3)C2)C[C@@H]2CC[C@@H]2[C@H]2N1
vNsp13-as1-91	Z1442967637	-10.2	0.37	372.33	REAL	Cc1ccc(C(=O)N)N2CC3cc(F)cc(F)cc3)C2)me2nec(O)[nH]e1(O)c1
vNsp13-as1-92	Z1468566166	-10.2	0.313	433.457	REAL	O=C(c1ccc(C)cc1)[C@H]1[C@@H]2C(=O)N(c3ccc4ccc43)C(=O)[C@@H]2[C@H]2c3ccc3C=NN12
vNsp13-as1-93	Z1472017866	-10.2	0.303	441.529	REAL	O=C1C[C@H](c2ccc(NC(=O)[C@@H]3CCCN(C(=O)c4ccc5ccc54)C3)C2)CN1
vNsp13-as1-94	Z1544520525	-10.2	0.333	403.485	REAL	Cc1ccc(C)cc1(C(=O)N)N2CC[C@@H]1(C)N3nc(-c3ccc3)nn[nH]2)cc1
vNsp13-as1-95	Z1613078057	-10.2	0.303	445.529	REAL	Cc1ccc(C)cc1(-n2nc(NC(=O)N)N3CCN(c4ncc5ncc54

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vNsp13-as1-101	Z1702694070	-10.0	0.333	405.45	REAL	O=C(Nc1ccc2c1OCC(C)@H)2O)c1ccc2c(=O)n3c(nc2c1)C(C)CC3
vNsp13-as1-102	Z1730123371	-10.0	0.345	399.43	REAL	O=C(Nc1ccc2c1OCC(C)@H)2O)c1ccc2c(=O)n3c(nc2c1)C(C)CC3
vNsp13-as1-103	Z1865853911	-10.0	0.333	407.38	REAL	O=C(c1ccc(F)cc2(=O)c3cc(F)cc3[nH]12)N1CC2c2ccc(O)c2C1
vNsp13-as1-104	Z1869958902	-10.0	0.323	421.40	REAL	O=C1[C@H](N2C(=O)N(C)@H)(c3ccc4ccc34)C2=O)CCN1c1(F)ccc1F
vNsp13-as1-105	Z1907737385	-10.0	0.313	438.44	REAL	O=C(Nc1ccc2c1F)cc2[nH]1)C(=O)@H1CCCC[C@H]1C(=O)Nc1ccc2c(F)cc2[nH]1
vNsp13-as1-106	Z1915931158	-10.0	0.333	407.49	REAL	O=C(N(C)@H)1CC2c2[nH]1c(C)CC3C3)nc2C1)c1c[nH]1nc1-c1ccc(F)c1
vNsp13-as1-107	Z1964890237	-10.0	0.345	399.45	REAL	CNC(=O)C(C)@H(NC(=O)CCN1C(=O)C)@H)2[C@@H]3C[C@H]@H)3(C)@H)2C1=O)c1ccc1c1
vNsp13-as1-108	Z1985082805	-10.0	0.303	437.50	REAL	O=C1[C@H]2[C@H]2CCN(C(=O)C)3c(c(-c4ccc5ccc45)nc4ccc34)C1C@H)2C1O1
vNsp13-as1-109	Z2003764017	-10.0	0.323	417.48	REAL	O=C1[C@H]2[C@H]2[C@H]4[C@H]2[C@H]2(C(=O)N5CCCC[C@H]5c5nc(-c6ccc(F)c6)[nH]5)C1[C@H]1[C@H]3[C@H]42
vNsp13-as1-110	Z2021078221	-10.0	0.303	440.51	REAL	Cn1ccc1C1=C[C@H]2C[C@H]2(C)@H)1C2N(C(=O)c1ccc(-c2nc3[nH]1c(=O)n(C)C3c2)c1
vNsp13-as1-111	Z2069734623	-10.0	0.323	417.36	REAL	O=C(Nc1ccc1-n1nc2c(=O)[nH]1nc2)1c1cc(=O)c2ccc(F)cc21
vNsp13-as1-112	Z2099942397	-10.0	0.303	446.41	REAL	Cc1cc(=O)ccc2cc(N(C)C(=O)c3cc(F)cc4(=O)c5cc(F)ccc5[nH]1c34)ccc12
vNsp13-as1-113	Z2143205380	-10.0	0.323	410.44	REAL	Cc1nc2[nH]1nc(NC(=O)c3ccc3-c3ncc(-c4ccc4)nc3)c2C1
vNsp13-as1-114	Z2169620116	-10.0	0.333	410.38	REAL	O=C1O[C@H]2(C)CCc3ccc32(C)C(=O)N1Cc1ccc(-c2c(F)ccc2F)n1
vNsp13-as1-115	Z2169620740	-10.0	0.333	444.27	REAL	O=C1O[C@H]2(C)CCc3ccc32(C)C(=O)N1Cc1ccc(-c2c(F)ccc2F)n1
vNsp13-as1-116	Z2227159809	-10.0	0.370	364.37	REAL	O=C(Nc1nc2[nH]1cnn12)c1ccc2c(=O)n3c(nc2c1)C(C)CC3
vNsp13-as1-117	Z2227338798	-10.0	0.333	396.41	REAL	O=C(Nc1[nH]1nc2(O)ccc12)c1nc(-c2ccc2)nc1-c1ccc1c1
vNsp13-as1-118	Z2233663908	-10.0	0.323	442.54	REAL	Cc1cc(F)c(S(=O)(=O)N2CCC(C(=O)Nc3[nH]1c4cc(F)O)ccc34)CC2(C)C1
vNsp13-as1-119	Z238449986	-10.0	0.323	410.39	REAL	O=C1NC(=O)c2c(N(C)C(=O)N(c4ccc4n4)C(=O)c4ccc43)ccc21
vNsp13-as1-120	Z2548224272	-10.0	0.303	439.56	REAL	O=C(c1ccc(Nc2ccc2)c1)N1C[C@H]2C[C@H]1(C)@H)1CN(C)C3ccc33[C]C@H)21
vNsp13-as1-121	Z264966332	-10.0	0.303	442.52	REAL	C[C@H]1(c1ccc3c2)C(C)C3)N(C(=O)N(C)C(=O)N2CCc3[nH]1c4ccc43C2)C1=O
vNsp13-as1-122	Z2830297910	-10.0	0.303	454.56	REAL	Cc1nc2(nc(N3CCCC)3)c3ccc32)c1[C@H]1NC(=O)c2ccc3ccc3c2N1
vNsp13-as1-123	Z2938602373	-10.0	0.345	390.49	REAL	c1ccc2c(1)CC[C@H](n1nnc1N)CC[C@H](c3mnc4n3CC4)C1C2
vNsp13-as1-124	Z29637948	-10.0	0.313	437.49	REAL	C[C@H]1(C)@H)1c1ccc2c3c(=O)cc2c1)C(C)CC3)N1(C)@H)2C(C)C@H)2C1=O
vNsp13-as1-125	Z365647828	-10.0	0.323	417.47	REAL	Cn1c(=O)c2cc(NC(=O)c3ccc4[nH]1c5c(4c3)C(C)CC3)ccc4n2(C)1=O
vNsp13-as1-126	Z370782400	-10.0	0.303	446.43	REAL	O=C(Oc1ccc2c3c(=O)cc2c1)C(C)CC3)1ccc(=O)n(-c2cc(F)cc2)1
vNsp13-as1-127	Z450597722	-10.0	0.303	448.52	REAL	Cc1ccc2c(1)C[C@H]1CN(C)C[C@H]1N2(=O)c1nc(-c2cc(F)c2)c2)C(C)C2
vNsp13-as1-128	Z650339558	-10.0	0.333	428.52	REAL	O=C(CCCNC1=NS(=O)=O)c2ccc21)N1CCN(c2nccc2)CC1
vNsp13-as1-129	Z913105970	-10.0	0.313	449.55	REAL	O=C(NC1CCN(c2nc3ccc32)CC1)N1CC2[nH]1ccc(F)ccc2C1
vNsp13-as1-130	ZINC00000173741	-10.0	0.278	468.42	ZINC	O=C1c2ccc2c(=O)c2c1c1(=O)c3ccc3c(=O)c1c1(=O)c3ccc3c(=O)c1
vNsp13-as1-131	ZINC000002148919	-10.0	0.286	465.51	ZINC	Cc1ccc(F)C@H)2[C@H]1c4ccc4c3[C]C@H)3(C)@H)2(C)@H)1c4ccc43C2)C1=O
vNsp13-as1-132	ZINC000002693121	-10.0	0.313	447.49	ZINC	Cc1ccc(S(=O)(=O)c2nnc3n2nc(Nc2cc(F)cc2)2ccc23)ccc1C
vNsp13-as1-133	ZINC000003741768	-10.0	0.278	481.55	ZINC	C[C@H]1CCCCN1c1cc(Nc2ccc3c(2)OCCO3)c2c3Inoc3-c1ccc1C2=O
vNsp13-as1-134	ZINC000003741904	-10.0	0.278	481.55	ZINC	C[C@H]1[C]C@H)1(C)CN(c2cc(Nc3ccc4c(3)OCCO4)c3c4c2ncc4-c2ccc2C3=O)C1
vNsp13-as1-135	ZINC000003741905	-10.0	0.278	481.55	ZINC	C[C@H]1[C]C@H)1(C)CN(c2cc(Nc3ccc4c(3)OCCO4)c3c4c2ncc4-c2ccc2C3=O)C1
vNsp13-as1-136	ZINC000006149762	-10.0	0.233	579.59	ZINC	COc1ccc1[C]C@H)1(c2C)nm(-c3ccc3)2N=C2(Nc3ccc(C(F)F)F)3)Nc3ccc3N21
vNsp13-as1-137	ZINC000008436441	-10.0	0.357	396.40	ZINC	O=C(Oc1ccc(NC2=NS(=O)=O)c3ccc32)1c1ccc1F
vNsp13-as1-138	ZINC000008767718	-10.0	0.278	489.45	ZINC	O=C(c1ccc1)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)F)F)C1(C)@H)2C3ccc33C=NN12
vNsp13-as1-139	ZINC000008768694	-10.0	0.294	492.00	ZINC	Cc1ccc(C)c(Nc2nnc3c(S(=O)(=O)c4ccc(C)cc4)nm3c3ccc(C)cc32)c1
vNsp13-as1-140	ZINC000008768715	-10.0	0.294	492.00	ZINC	CCc1ccc(Nc2nnc3c(S(=O)(=O)c4ccc(C)cc4)nm3c3ccc(C)cc32)c1
vNsp13-as1-141	ZINC000009830020	-10.0	0.303	481.94	ZINC	Cc1ccc(S(=O)(=O)c2nnc3c2nc(Nc2cc(F)cc2)2ccc23)ccc1C
vNsp13-as1-142	ZINC000009849146	-10.0	0.313	443.53	ZINC	Cc1ccc(S(=O)(=O)c2nnc3c2nc(Nc2cc(F)cc2)2ccc23)ccc1C
vNsp13-as1-143	ZINC000015305595	-10.0	0.256	521.71	ZINC	O=C(c1cc2n(n1)C[C@H]1c1ccc1)C[C@H]1(c1ccc1)N2)N1CCN(C23C4CC(C)C4)C2)C)CC1
vNsp13-as1-144	ZINC000015989674	-10.0	0.278	482.47	ZINC	O=C(c1ccc2c(1)OCCO2)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)C)C1(C)@H)2(C)@H)2c3ccc33C=CN12
vNsp13-as1-145	ZINC000016671813	-10.0	0.385	347.31	ZINC	O=C1Nc2ccc(F)cc2C1=N/Nc1nc2c3ccc33[nH]1c2n1
vNsp13-as1-146	ZINC000049916776	-10.0	0.278	482.47	ZINC	O=C(c1ccc2c(1)OCCO2)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)C)C1(C)@H)2(C)@H)2c3ccc33C=CN12
vNsp13-as1-147	ZINC000101343766	-10.0	0.270	486.53	ZINC	O=C(Nc1ccc1)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)C)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-148	ZINC000102658513	-10.0	0.294	452.56	ZINC	C[C]C@H)12[C]C@H)1(C)C(C)C1)N(C)C(=O)c1cc(-c3ccc4ccc43)cc(-n5nm3)1)C2
vNsp13-as1-149	ZINC000103540565	-10.0	0.263	571.40	ZINC	O=C(c1ccc1)C1=C[C@H]1[C]C@H)3(C)@H)1(c4ccc4F)4C1=O)C[C@H]3(C)@H)1(C)C(=O)c3ccc3Br)3)N2C=C1
vNsp13-as1-150	ZINC000104192899	-10.0	0.278	489.45	ZINC	O=C(c1ccc1)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)F)F)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-151	ZINC000104192903	-10.0	0.278	489.45	ZINC	O=C(c1ccc1)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)F)F)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-152	ZINC000106536310	-10.0	0.278	482.47	ZINC	O=C(c1ccc1)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)F)F)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-153	ZINC000229799013	-10.0	0.278	489.45	ZINC	O=C(c1ccc1)C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)F)F)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-154	ZINC000247703669	-10.0	0.278	479.47	ZINC	O=C(C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)C)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-155	ZINC000247748586	-10.0	0.278	495.93	ZINC	O=C(C[C@H]1[C]C@H)2(C)@H)1(c3ccc3C(F)C)C1(C)@H)2(C)@H)2c3ccc33C=NN12
vNsp13-as1-156	ZINC000253623741	-10.0	0.270	493.47	ZINC	O=C1c2ccc3c(2O)C1=Cc1ccc2c(1)OCCO2)C[C@H]1(c1ccc2ccc2n1O)C2=O
vNsp13-as1-157	ZINC000263585014	-10.0	0.270	495.53	ZINC	CC(=O)N1CC2=C(C1=O)C[C@H]1c1ccc(-c3ccc3C(=O)O)1c1m(C)C)C3ccc3c(13)N2
vNsp13-as1-158	ZINC000408679811	-10.0	0.263	498.58	ZINC	Cc1cc(Nc(C)C(=O)c2ccc(N3C(=O)C)@H)4(C)@H)1(C3=O)C3c5ccc5C4c4ccc43)2c1c1
vNsp13-as1-159	ZINC000408679814	-10.0	0.263	498.58	ZINC	Cc1cc(Nc(C)C(=O)c2ccc(N3C(=O)C)@H)4(C)@H)1(C3=O)C3c5ccc5C4c4ccc43)2c1c1
vNsp13-as1-160	ZINC000409336230	-10.0	0.263	499.57	ZINC	Cc1ccc(N2C(=O)C)@H)3(C)@H)2(C)@H)1(c3ccc3C(=O)O)4c4ccc5ccc5C4c2=C[C@H]3c2ccc22cc1C
vNsp13-as1-161	ZINC000409336236	-10.0	0.263	499.57	ZINC	Cc1ccc(N2C(=O)C)@H)3(C)@H)2(C)@H)1(c3ccc3C(=O)O)4c4ccc5ccc5C4c2=C[C@H]3c2ccc22cc1C
vNsp13-as1-162	PV-001794841361	-9.9	0.319	417.46	REAL	O=C(c1ccc1)C[C@H]1(c2ccc(NC(=O)C)@H)3(C)@H)2(C)@H)1(c3ccc3C(=O)O)3)2n1
vNsp13-as1-163	PV-001838225253	-9.9	0.381	354.36	REAL	Cc1c(=O)N2CC3ccc(F)cc32)1nH1c(=O)c2ccc12
vNsp13-as1-164	PV-001844277319	-9.9	0.300	455.39	REAL	O=C1CN(C(=O)c2ccc(C(=O)Nc3ccc(O)ccc3)C)C1=O)Nc3ccc(O)ccc3)C2=O
vNsp13-as1-165	PV-001856994778	-9.9	0.341	412.38	REAL	Cc1nc(C(=O)N2NC(=O)CC23CCCC3)nm1-c1nc(C(F)F)F)1nH1
vNsp13-as1-166	PV-001858159135	-9.9	0.319	446.45	REAL	Cc1cc(NC(=O)c2ccc3c(2)NC(=O)CCS3)nm1-c1ccc(C(F)F)F)1
vNsp13-as1-167	PV-001868518091	-9.9	0.367	372.33	REAL	Cc1cc(C(=O)N2CC3ccc(F)cc32)nc2nc(O)1nH1c(=O)c12
vNsp13-as1-168	PV-001868520353	-9.9	0.381	354.36	REAL	Cc1c(=O)N2CC3ccc(F)cc32)1nH1c(=O)c2ccc12
vNsp13-as1-169	PV-001878584691	-9.9	0.381	356.34	REAL	Nc1nmm1-c1ccc(C(=O)N2CC3ccc(F)cc32)1c1
vNsp13-as1-170	PV-001944204698	-9.9	0.319	420.51	REAL	C[C@H]1(C)C(=O)Nc2ccc2CN1C(=O)Nc1ccc(NC(=O)C2CCCC2)1
vNsp13-as1-171	PV-001946483686	-9.9	0.319	421.46	REAL	C[C@H]1(C)C(=O)Nc2ccc2CN1C(=O)Nc1ccc(N2C(=O)NC(C)C)C2=O)1
vNsp13-as1-172	Z1004161780	-9.9	0.300	448.46	REAL	Cc1ccc(-n2nm2)cc1NC(=O)N1CC(C)C@H)1(c2nc(-c3ccc(F)cc3)nc2)C1
vNsp13-as1-173	Z1014422078	-9.9	0.319	413.52	REAL	Cc1ccc(NC(=O)C)@H)2(C)@H)1(c3ccc3C(C)@H)3N2(C(=O)c2ccc3ccc32)nc1
vNsp13-as1-174	Z1268311220	-9.9	0.309	446.53	REAL	Cc1ccc(N2CCN(C(=O)c3ccc4c(=O)C)cc1)C)cc(-c5ccc5)nc34)CC2)1
vNsp13-as1-175	Z1274012075	-9.9	0.300	448.52	REAL	Cc1ccc2c(1)O[C]O[C]C@H)1(C)C(C)C(=O)c3ccc4c(3)NC(=O)C[C@H]1(C)O4)CC1)C2
vNsp13-as1-176	Z1275445431	-9.9	0.319	445.42	REAL	O=C(Nc1ccc(C(F)F)F)1c1ccc2c(1)S(=O)(=O)c1ccc1C2=O
vNsp13-as1-177	Z1308103546	-9.9	0.367	367.45	REAL	C[C]C@H)1C2ccc2CN1C(=O)N(C)@H)1(C)CCN(Cc2cc(C)2)C1=O
vNsp13-as1-178	Z1372572249	-9.9	0.330	414.41	REAL	C[C]C@H)1(c2ccc(CNC(=O)N3CCc4c(F)cc(F)cc4)3)2NC(=O)N1C=O
vNsp13-as1-179	Z1413611356	-9.9	0.309	439.51	REAL	O=C1CN(C(=O)c2ccc(C(=O)N(C)C)@H)4(C)CC(C)C@H)4)2)C[C@H]2CCCC[C@H]2)N1
vNsp13-as1-180	Z1469588115	-9.9	0.309	445.55	REAL	Cc1c(=O)Nc2ccc(Cc3ccc3)2)nc2nc3nc(=O)c12)CCCC3
vNsp13-as1-181	Z1523029856	-9.9	0.309	433.46	REAL	O=C(c1ccc(C(=O)N2CC3ccc(F)cc32)1)N1CC2c2(F)ccc2C1
vNsp13-as1-182	Z1533640221	-9.9	0.319	416.44	REAL	NC(=O)c1n[nH]1c2ccc(NC(=O)c3ccc4c(=O)nc5(nc43)CCCC5)ccc12
vNsp13-as1-183	Z1552325299	-9.9	0.309	425.46	REAL	O=C(c1ccc(=O)nc(-c2ccc2F)n1)N1CC=C(c2ccc3ccc32)CC1
vNsp13-as1-184	Z1611860606	-9.9	0.367	359.43	REAL	O=C(N1CC2ccc21)N1CC(C)C@H)1c1nc(-c2ccc2)1nH1
vNsp13-as1-185	Z1724785040	-9.9	0.341	407.54	REAL	O=c1cc2c(nH)1)CCN(c1nc(C3CCCC3)nc3cc4c(13)CCCC4)C2
vNsp13-as1-186	Z1752044691	-9.9	0.309	434.47	REAL	O=C(Nc1cc(-c2ccc2)1nc1-c1ccc(F)cc1)N1CC(C)C@H)12COC2=O
vNsp13-as1-187	Z1763488509	-9.9	0.354	372.42	REAL	O=C1C1=C(c2ccc3ccc3nc2)N2C(C)OCC2)C2cc2(O)ccc21
vNsp13-as1-188	Z1766449470	-9.9	0.330	408.36	REAL	O=C(c1ccc(F)cc2c(=O)c3ccc(F)cc3[nH]12)N1CC2nc2[nH]1c(=O)c2C1
vNsp13-as1-189	Z1798328739	-9.9	0.319	437.45	REAL	O=C(N(C)@H)1CCO2c(F)ccc21)c1ccc2c(1)S(=O)(=O)c1ccc1C2=O
vNsp13-as1-190	Z1849645035	-9.9	0.309	440.50	REAL	Cc1cc(N(C)@H)2CCCN(c3cc(N4COCOC4)men3)C2)c2cc(F)cc2)1
vNsp13-as1-191	Z1869633995	-9.9	0.319	417.47	REAL	Cn1ccc(N2CC(C)C@H)1(N3C(=O)N(C)C)@H)1(C4ccc4ccc45)C3=O)C2=O)1
vNsp13-as1-192	Z1870709033	-9.9	0.309	447.49	REAL	O=C(Nc1nnc1(C)@H)2CCc3ccc32)1c1ccc(=O)n(-c2cc(F)cc2)1
vNsp13-as1-193	Z1876301910	-9.9	0.330	406.44	REAL	Cc1ncc(C2CN(C(=O)C)@H)3(C)CCCN3(C(=O)c3ccc4ccc43O)C2)1
vNsp13-as1-194	Z2003705318	-9.9	0.309	430.49	REAL	O=C(Nc1ccc(F)cc(-n2nm2)C2CC2)1)N1C[C@H]2C=C(c3ccc3)C1C@H)1CC2

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp13-mal-101	Z1024051690	-10.4	0.306	451.53	REAL	Cc1nn(-c2ccc2)c2nc(C=O)N3CCC(C@@H)4C(=O)N5cccc54)CC3ccc12
vNsp13-mal-102	Z1226938500	-10.4	0.315	445.46	REAL	O=C(Nc1ccc(F)cc1)N1ccc2c1CCN(C(=O)Nc1nnc3ccc13)C2
vNsp13-mal-103	Z1374244896	-10.4	0.347	403.52	REAL	C[C@@H]1[C@@H](O)Nc2cc(C=O)N3CCC(C@@H)4(CCCc5ccc54)CC2c2N1C
vNsp13-mal-104	Z1374246633	-10.4	0.335	418.50	REAL	Cn1c(-c2n[nH]c(=O)c3ccc23)nnc1N1CC=C(c2[nH]c3cc(F)ccc2)CC1
vNsp13-mal-105	Z1462726711	-10.4	0.315	438.49	REAL	Cc1nnc(C@@H)2C3ccc3CN2C(=O)c2ccc(-c3ccc4c(c3)CCO4c2)O1
vNsp13-mal-106	Z1656138401	-10.4	0.347	403.42	REAL	Cc1ccc(-n2c(NCC(=O)c3ccc(F)cn3)nc3ccc3c2=O)c(C)c1
vNsp13-mal-107	Z1902851335	-10.4	0.315	449.59	REAL	C[C@@H]1CN(C2CCOCC2)CCN1C(=O)C@@H1CCCN(C(=O)c2ccc3ccc3c2)C3
vNsp13-mal-108	Z2007472672	-10.4	0.306	448.53	REAL	Cn1c(-c2ccc3ccc3n2)nnc1N1CCN(C(=O)c2ccc3ccc3c2)CC1
vNsp13-mal-109	Z2014714478	-10.4	0.325	446.93	REAL	O=C1O[C@@H](C2ccc2)C2cc(C(=O)N3CCN(C@@H)4(Cccc4C1)C)ccc21
vNsp13-mal-110	Z2167006687	-10.4	0.315	441.47	REAL	Cn1c(-c2n[nH]c(=O)c3ccc23)nnc1N1CC=C(c2[nH]c3cc(F)ccc2)CC1
vNsp13-mal-111	Z2174926886	-10.4	0.315	438.53	REAL	O=C1O[C@@H](C2ccc2)C2cc(C(=O)N3CCN4c5ccc5C[C@@H]4)C3ccc21
vNsp13-mal-112	Z2232118042	-10.4	0.371	368.44	REAL	Cc1nc2c(C(=O)N3CCc4ccc4)C@@H3 C3c3ccc3 cnc2 H]1
vNsp13-mal-113	Z237330932	-10.4	0.325	427.50	REAL	O=C1O[C@@H](C2ccc2)C2cc(C(=O)N3CCC(c4ccc(O)cc4)CC3)ccc21
vNsp13-mal-114	Z2990647800	-10.4	0.347	399.46	REAL	CC1(C)CN(c2nmm2Cc2ccc(-c3nmm3)c2)Cc2ccc21
vNsp13-mal-115	Z3214701994	-10.4	0.297	484.95	REAL	O=C1ccc2[nH]cnc21N1CCN(C(=O)c2ccc(-n3ccc4ccc43)ccc2)CC1
vNsp13-mal-116	Z357612154	-10.4	0.306	455.47	REAL	O=C1ccc2ccc21)N1CCN(C(=O)c2ccc(-n3ccc4ccc43)ccc2)CC1
vNsp13-mal-117	Z645681002	-10.4	0.297	484.62	REAL	O=C1ccc2ccc21)N1CCN(C(=O)C@@H2)CCN(c3nc4ccc43)CC2
vNsp13-mal-118	Z645681528	-10.4	0.325	429.44	REAL	O=C1cnc2[nH]c(=O)n[nH]c(=O)c21)N1CCN(C(=O)c2ccc3ccc3c2)CC1
vNsp13-mal-119	Z749768724	-10.4	0.315	442.52	REAL	O=C1O[C@@H](C2ccc2)C2cc(C(=O)N3CCC(c4nnc5n4CC5)CC3)ccc21
vNsp13-mal-120	Z859061644	-10.4	0.315	442.50	REAL	O=C(Nc1ccc(-c2nnc3CC3)c1)N1CC=C(c2[nH]c3cc(F)ccc2)CC1
vNsp13-mal-121	ZINC000001225262	-10.4	0.267	553.36	ZINC	O=C1c2ccc(C)c2(C=O)N1c1ccc(-c2nc3ccc(N4C(=O)c5ccc(C)c5C4=O)N1)H2]cc1
vNsp13-mal-122	ZINC000001238226	-10.4	0.281	497.53	ZINC	O=C(Nc1ccc2ccc21)N1CCC(c2nc(=O)c3nmm(C4ccc(F)cc4)3)H2]CC1
vNsp13-mal-123	ZINC000002147585	-10.4	0.335	432.48	ZINC	Cc1ccc(S(=O)(=O)c2c(N)nc(-c3ccc(F)cc3)c3nc4ccc4cc3)cc1
vNsp13-mal-124	ZINC000002468885	-10.4	0.274	499.54	ZINC	O=C1c1ccc1F]P[C@@H]1[C@@H](C2ccc2)C2(C(=O)N3ccc3C2=O)C[C@@H]2C=C3ccc3CN21
vNsp13-mal-125	ZINC000003146966	-10.4	0.315	424.46	ZINC	c1ccc2nc(-c3ccc4c(c3)ccc(-c5ncc6ccc6n5)ccc4)nc21
vNsp13-mal-126	ZINC000004236421	-10.4	0.289	494.47	ZINC	O=C(Nc1ccc21)N1CCN2C(=O)c3ccc(-c4ccc(C(F)F)cc4)CC3)CC1[C@@H]2C1
vNsp13-mal-127	ZINC000008654667	-10.4	0.306	471.99	ZINC	C1nnc(-c2nc(C)cc(C)2)c2c1[C@@H](C1ccc(C)cc1)CC1=O)N2C1ccc(C)cc1
vNsp13-mal-128	ZINC000008699485	-10.4	0.297	452.47	ZINC	O=C1c2ccc2(C=O)c2c3[nH]nnc(-c4nc5ccc5nc4-c4ccc4c3)ccc21
vNsp13-mal-129	ZINC000009015957	-10.4	0.289	495.93	ZINC	O=C([C@@H]1[C@@H]2C(=O)N(c3ccc(C)3)C(=O)C@@H]2[C@@H]2C=C3ccc3CN21)N1nnc2ccc21
vNsp13-mal-130	ZINC000009015958	-10.4	0.289	495.93	ZINC	O=C([C@@H]1[C@@H]2C(=O)N(c3ccc(C)3)C(=O)C@@H]2[C@@H]2C=C3ccc3CN21)N1nnc2ccc21
vNsp13-mal-131	ZINC000009158129	-10.4	0.306	457.44	ZINC	O=C1ccc(F)cc1[C@@H]1[C@@H]2C(=O)N(c3ccc(F)cc3)C(=O)C@@H]2[C@@H]2C=C3ccc3CN21
vNsp13-mal-132	ZINC000009202275	-10.4	0.297	476.47	ZINC	O=C1c1ccc2c(1)OC(=O)N1CCC(c2nc3c(nnn3Cc3ccc3F)cc(O)n2)CC1
vNsp13-mal-133	ZINC000009202307	-10.4	0.289	490.49	ZINC	O=C1c1ccc2c(1)OC(=O)N1CCC(c2nc3c(nnn3Cc3ccc3F)cc(O)n2)CC1
vNsp13-mal-134	ZINC000009291128	-10.4	0.297	457.50	ZINC	O=C1Nc2ccc2[C@@H]2N=C(N1CCCc3ccc31)N=C1nc3(n12)nc2ccc1-3
vNsp13-mal-135	ZINC000009969421	-10.4	0.297	469.52	ZINC	O=C1c1ccc1c1c1ccc2c3c2c1N1CCN(c2ccc(F)cc2)CC1)OCC3
vNsp13-mal-136	ZINC000011171958	-10.4	0.281	496.48	ZINC	CC(=O)Nc1ccc(N2C(=O)c3ccc(C(=O)O)C@@H]C)4nc5ccc5c(=O)N1)CC3=O)cc1
vNsp13-mal-137	ZINC000012360361	-10.4	0.297	458.52	ZINC	O=C1ccc2ccc21)N1N1C(=O)C@@H]2[C@@H]1(C=O)C1ccc3ccc3C2ccc21
vNsp13-mal-138	ZINC000012548776	-10.4	0.260	523.60	ZINC	Cc1ccc(N2C(=O)c3ccc3C(C)=CN3nnc(-c4ccc4)c(-c4ccc4c3)C2=O)cc1
vNsp13-mal-139	ZINC000013382161	-10.4	0.274	519.00	ZINC	O=C1ccc1c1c1ccc2c2(C=O)C@@H]3[C@@H]2(C=O)C2c4ccc4C3ccc3cc3]cc1
vNsp13-mal-140	ZINC00001370246	-10.4	0.281	486.53	ZINC	O=C(Nc1ccc21)C@@H]1[C@@H]2C(=O)N(c3ccc4ccc4c3)C(=O)C@@H]2[C@@H]2C=C3ccc3CN21
vNsp13-mal-141	ZINC000015972032	-10.4	0.281	494.53	ZINC	Cc1ccc(N2C(=O)C@@H]3[C@@H]2(C=O)C@@H]C)2c[nH]c4ccc24)N]C3]2(C=O)Nc3ccc(F)cc3]cc1
vNsp13-mal-142	ZINC000015972376	-10.4	0.281	494.53	ZINC	Cc1ccc(N2C(=O)C@@H]3[C@@H]2(C=O)C@@H]C)2c[nH]c4ccc24)N]C3]2(C=O)Nc3ccc(F)cc3]cc1
vNsp13-mal-143	ZINC000015997026	-10.4	0.281	482.54	ZINC	O=C1c1ccc1c1c1ccc2c2(C2(=O)C@@H]C)3ccc3C2=O)C@@H]2C=C3ccc3CN21
vNsp13-mal-144	ZINC000017988475	-10.4	0.260	533.67	ZINC	Cc1ccc(C(C)C)cc(OC(=O)C2CCN3(C(=O)C@@H]4(C@@H]C3=O)C3ccc5C4c4ccc43)CC2)c1
vNsp13-mal-145	ZINC00001804486	-10.4	0.289	481.46	ZINC	O=C1c2ccc2C(=O)C12O[C@@H]1c1ccc1c1[C@@H]1(C(=O)Nc3ccc4c(c3)OCCO4)C(=O)C@@H]12
vNsp13-mal-146	ZINC000019973870	-10.4	0.335	416.48	ZINC	Cc1ccc(C@@H]2)CC(=O)c3ncc(N4CCN(C(=O)c5ccc5)CC4)C2(=O)C1
vNsp13-mal-147	ZINC000021171157	-10.4	0.297	472.50	ZINC	Cc1ccc(Cn2nnc3c2nc(C2CCN(C(=O)c4ccc5c(c4)OC(=O)C)2)N]H3)3cc1
vNsp13-mal-148	ZINC000021171169	-10.4	0.289	490.49	ZINC	O=C1c1ccc2c(1)OC(=O)N1CCC(c2nc(=O)c3nmm(C4ccc(F)cc4)3)H2]CC1
vNsp13-mal-149	ZINC000021867174	-10.4	0.281	492.58	ZINC	Cc1ccc(-c2nnc3c2nc(O)c2cc(C(=O)N4CCN(c5ccc(C)cc5)CC4)C2=O)cc1
vNsp13-mal-150	ZINC000023855704	-10.4	0.281	482.54	ZINC	O=C1c1ccc1c1c1ccc2c2(C2(=O)C@@H]C)3ccc3C2=O)C@@H]2C=C3ccc3CN21
vNsp13-mal-151	ZINC000034792034	-10.4	0.289	487.60	ZINC	Cc1ccc(C@@H]2)N(C(=O)N)C3C(=O)C2(=O)N(C)C(=O)N2CCN(c4c(C)ccc4)CC2)3cc1
vNsp13-mal-152	ZINC000035848329	-10.4	0.274	499.54	ZINC	O=C1C@@H]2[C@@H]1[C@@H]C@@H]C@@H]C2ccc2)C2(C(=O)Nc3ccc3C2=O)C@@H]2C=C3ccc3CN21
vNsp13-mal-153	ZINC000048272370	-10.4	0.306	458.51	ZINC	O=C1N1CC=C(c2c[nH]c3cc(F)ccc2)CC1)N1CC=C(c2[nH]c3cc(F)ccc2)CC1
vNsp13-mal-154	ZINC000057099770	-10.4	0.289	497.98	ZINC	Cc1ccc2c1N(C=O)C@@H]2[C@@H]1[C@@H]C@@H]C@@H]C2ccc2)C2(C(=O)Nc3ccc3C2=O)C@@H]2C=C3ccc3CN21
vNsp13-mal-155	ZINC000067262781	-10.4	0.297	472.50	ZINC	Cc1ccc2c2CCN(c3ccc4c(=O)n(-c5ccc6c(c5)OC(=O)C)nc4n3)CC2)H]nnc21
vNsp13-mal-156	ZINC000072405137	-10.4	0.306	457.47	ZINC	Cc1nnc(-c2cc(F)cc2)c(C)C1[C@@H]1(C(=O)Nc2c1c1(C)nn2-c1nnc2)H]nnc21
vNsp13-mal-157	ZINC000085392553	-10.4	0.267	520.61	ZINC	O=C1[C@@H]1[C@@H]1(C(=O)Nc2ccc(F)cc2)C1)N1CCC(c2c[nH]c3ccc3c2)c2c[nH]c3ccc3c2)CC1
vNsp13-mal-158	ZINC000085392641	-10.4	0.267	517.63	ZINC	O=C1[C@@H]1[C@@H]1(C(=O)Nc2ccc(F)cc2)C1)N1CCC(c2c[nH]c3ccc3c2)c2c[nH]c3ccc3c2)CC1
vNsp13-mal-159	ZINC000100505724	-10.4	0.281	488.54	ZINC	O=C1[C@@H]2[C@@H]3C=C[C@@H]3[C@@H]2(C=O)N1c1ccc2c(1)-c1cc(N3C(=O)C@@H]4(C@@H]5C(=O)C@@H]5(C)C@@H]4)3)O)cc1C2
vNsp13-mal-160	ZINC000102485937	-10.4	0.297	470.46	ZINC	Cc1ccc(N2C(=O)C(=O)C1(C(=O)N)3ccc(F)cc3)C[C@@H]2c2ccc(O)ccc3c2)nc1O
vNsp13-mal-161	ZINC000102608292	-10.4	0.297	482.52	ZINC	Cc1ccc(N2C(=O)C3ccc3C(=O)Nc3ccc3c3-c3nnc3)C2=O)cc1
vNsp13-mal-162	ZINC000102983156	-10.4	0.248	591.61	ZINC	Cc1ccc(N2C(=O)C3ccc3C(=O)Nc3ccc3c3-c3nnc3)C2=O)cc1
vNsp13-mal-163	ZINC000103518122	-10.4	0.281	494.53	ZINC	Cc1ccc2c(1)C@@H]1(C@@H]C)3c[nH]c4ccc34)C[C@@H]3(C(=O)Nc4ccc(F)cc4)C(=O)C@@H]31(C(=O)N2
vNsp13-mal-164	ZINC000229890104	-10.4	0.248	552.67	ZINC	Cc1ccc(C(=O)C@@H]2[C@@H]1[C@@H]C(=O)Nc3ccc(F)cc3)N3c4ccc(C)cc4)C(=O)C@@H]3(C(=O)N2)C(=O)N2
vNsp13-mal-165	ZINC000229905129	-10.4	0.242	589.05	ZINC	CC1=C(C@@H]2[C@@H]1[C@@H]C(=O)Nc1ccc1C1)C[C@@H]1(C(=O)Nc1ccc3c(1)OC(=O)C)C@@H]21(C(=O)N2)ccc21
vNsp13-mal-166	ZINC000229978903	-10.4	0.260	546.03	ZINC	O=C(Nc1ccc1c1c1ccc2c2(C2(=O)C@@H]C)3ccc3C2=O)C@@H]2C=C3ccc3CN21
vNsp13-mal-167	ZINC000247748619	-10.4	0.335	427.38	ZINC	N(C(=O)C@@H]1[C@@H]1[C@@H]2C(=O)Nc3ccc(C(F)F)cc3)C(=O)C@@H]2[C@@H]2C=C3ccc3CN21
vNsp13-mal-168	ZINC000247797224	-10.4	0.274	497.55	ZINC	O=C1c1ccc(-c2ccc2)cc1[C@@H]1[C@@H]2C(=O)N(c3ccc3C)C(=O)C@@H]2[C@@H]2C=C3ccc3CN21
vNsp13-mal-169	ZINC000247850321	-10.4	0.281	489.53	ZINC	Cc1ccc(N2C(=O)C@@H]3[C@@H]4C=C5ccc5N4)C@@H]3(C(=O)N4nnc5ccc54)C[C@@H]3C2=O)cc1
vNsp13-mal-170	ZINC000247850343	-10.4	0.281	489.53	ZINC	Cc1ccc(N2C(=O)C@@H]3[C@@H]4C=C5ccc5N4)C@@H]3(C(=O)N4nnc5ccc54)C[C@@H]3C2=O)cc1
vNsp13-mal-171	ZINC000257263299	-10.4	0.315	439.52	ZINC	Cc1ccc(Nc2ccc2)cc1[C@@H]2CN(C(=O)c3ccc4ccc43)CCO2)1
vNsp13-mal-172	ZINC000408675226	-10.4	0.274	498.58	ZINC	Cc1ccc(NC(=O)c2ccc(N3C(=O)C@@H]4(C@@H]C3=O)C3ccc5C4c4ccc43)cc2)1C
vNsp13-mal-173	ZINC000408680522	-10.4	0.289	476.57	ZINC	O=C1c1ccc(N2C(=O)C@@H]3[C@@H]C(=O)Nc4ccc4C3ccc3cc3)cc1N1CCCCC1
vNsp13-mal-174	ZINC000408686158	-10.4	0.274	498.58	ZINC	Cc1ccc(C)cc(NC(=O)c2ccc(N3C(=O)C@@H]4(C@@H]C3=O)C3ccc5C4c4ccc43)cc2)1
vNsp13-mal-175	ZINC000604405464	-10.4	0.289	480.43	ZINC	O=C1c2ccc2c2c2c2(-c3ccc4c(c3)OCCO4)c(-c3c(O)cc4ccc4c3)H2]cc1
vNsp13-mal-176	ZINC000604419204	-10.4	0.297	462.51	ZINC	O=C1CN1C(=O)c2ccc2N2C(=O)c3ccc3C[C@@H]21N1CCc2c3ccc3]H]nnc21
vNsp13-mal-177	Z1069484790	-10.3	0.312	445.47	REAL	C[C@@H]1Oc2ccc(C(=O)C3CCN(C(=O)Nc4ccc5ccc54)CC3)cc2N1=O
vNsp13-mal-178	Z1071337020	-10.3	0.312	443.50	REAL	C[C@@H]1Oc2ccc(C(=O)C3CCN(C(=O)Nc4ccc5ccc54)CC3)cc2N1=O
vNsp13-mal-179	Z114492947	-10.3	0.312	440.55	REAL	Cc1ccc(-n2c(C(=O)N3CCC(C@@H)4nnc5ccc54)C3c3c2CC3)cc1C
vNsp13-mal-180	Z1161173996	-10.3	0.312	436.52	REAL	Cc1c(C(=O)N2CC(C)C@@H]1c3cc4ccc4[nH]3)C2)nn1-c1ccc2ccc2c1
vNsp13-mal-181	Z1250586272	-10.3	0.312	438.49	REAL	Cc1c(C(=O)N)C[C@@H]2CC3c4ccc4C2c2ccc23]nc2c(O)n[nH]c(=O)c12
vNsp13-mal-182	Z1280799883	-10.3	0.312	444.53	REAL	C[C@@H]1Oc2ccc(C(=O)C3CCN(C(=O)C@@H]4(C@@H]4)C[C@@H]4)C4ccc45)CC3]cc2N1=O
vNsp13-mal-183	Z1374246802	-10.3	0.343	404.47	REAL	Cc1ccc(C(=O)N2CC(C)C[C@@H]3(CCCc4ccc43)C2)nc2nc(O)n[nH]c(=O)c12
vNsp13-mal-184	Z1383812253	-10.3	0.303	452.51	REAL	Cc1ccc(C(=O)N2CC(C)C@@H]1(C(=O)Nc3ccc4c3)C(=O)c3ccc3c4)C2)cc1
vNsp13-mal-185	Z14014220	-10.3	0.312	446.51	REAL	Cc1ccc(-n2c(C)cc(C(=O)N3C(=O)N)C@@H]4(CCCc5ccc54)C3=O)cc2)nc1O
vNsp13-mal-186	Z1425391170	-10.3	0.322	423.47	REAL	O=C1O[C@@H](C2ccc2)C2cc(C(=O)N3CC(c4nnc5ccc5)H4)3)ccc21
vNsp13-mal-187	Z1472556068	-10.3	0.312	442.52	REAL	O=C1C[C@@H](C2ccc2)N(C(=O)N3CCN(C(=O)c4ccc5ccc54)CC3)cc2N1
vNsp13-mal-188	Z1510260836	-10.3	0.312	446.55	REAL	CC1c(C(=O)N2CC(C)C[C@@H]3(CCCc4ccc43)C2)nc2c1c(=O)N]C3=O)cc2
vNsp13-mal-189	Z1531754985	-10.3	0.332	420.45	REAL	O=C1Nc2ccc2[C@@H]1C1CCN(C(=O)N2cnc(-c3ncc3F)nc2)CC1
vNsp13-mal-190	Z1578876633	-10.3	0.332	417.48	REAL	Cc1ccc(C[C@@H]2)CC(=O)N(C3nnc(-c4ccc(F)cc4)c4c3CC4)C2=O)cc1
vNsp13-mal-191	Z1632951313	-10.3	0.312	447.51	REAL	O=C(N[C@@H]1)CCc2nnc(-c3ccc(F)cc3)nc21)N1CCO(C[C@@H]2)CCc3ccc3c2)C1
vNsp13-mal-192	Z1723443920	-10.3	0.312	440.50	REAL	Cn1c(-c2n[nH]c2ncc(-c3ccc(C(=O)N4CCO)C[C@@H]5(Cc6ccc65)C4)3)cc21
vNsp13-mal-193	Z1728614571	-10.3				

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp14-nsp10.1-1	Z1744518572	-11	0.344	423.471	REAL	O=C(Cn1c2cccce2f(=O)e2cccce21)N1CC[C@@]2(C)C(=O)Nc1cccce12
vNsp14-nsp10.1-2	Z1287045057	-10.8	0.36	400.52	REAL	O=C1Nc2cccce2[C@@]H1C1CCN(C(=O))C@H2[C@@]23CCc2cccce23)CC1
vNsp14-nsp10.1-3	Z1752022802	-10.8	0.318	449.552	REAL	O=C(NC[C@@]H1CC2c3cccce3C1c1cccce12)N1CC[C@@]2(C)C(=O)Nc1cccce12
vNsp14-nsp10.1-4	ZINC000002127111	-10.7	0.324	429.474	ZINC	O=C(Nc1cccce2e1)C1cccce1-2e1cccce1-c2cc3cccce3cc2=Oe1
vNsp14-nsp10.1-5	ZINC000003174011	-10.7	0.345	443.521	ZINC	O=C1cccce1F)N1C(=O)C(=C/c2c3cccce3cc3cccce32)SC1=S
vNsp14-nsp10.1-6	Z1024053346	-10.6	0.312	459.588	REAL	Cc1ccc(C)cc(C(=O)N2CC[C@]H1C(=O)N3CC[C@@]2(C)C@H3(C(=O)Nc5cccce54)CC3)C2e1
vNsp14-nsp10.1-7	Z1070217002	-10.6	0.303	485.97	REAL	O=C1Nc2ccc(C)cc2[C@@]H1C1CCN(C(=O)Cn2c3cccce3c(=O)c3cccce32)CC1
vNsp14-nsp10.1-8	ZINC000016525756	-10.6	0.342	443.521	ZINC	O=C1cccce1F)N1C(=O)C(=C/c2c3cccce3cc3cccce32)SC1=S
vNsp14-nsp10.1-9	ZINC000049330857	-10.6	0.342	459.976	ZINC	O=C1cccce1C1)N1C(=O)C(=C/c2c3cccce3cc3cccce32)SC1=S
vNsp14-nsp10.1-10	PV-001818621876	-10.5	0.35	441.361	REAL	O=C(C1CCc2cccce2CC1)N1C[C@@]H2[C@@]H1(C)C(F)C(F)C(F)C(F)C2(F)F
vNsp14-nsp10.1-11	PV-001953052764	-10.5	0.339	456.376	REAL	O=C(NC[C@@]H1CCc2cccce2C1)N1C[C@@]H2[C@@]H1(C)C(F)C(F)C(F)C2(F)F
vNsp14-nsp10.1-12	PV-001969885760	-10.5	0.339	456.376	REAL	C[C@@]1(c2ccc3cccce3c2)N(C(=O)N)CC(=O)N2CCc(n3c(=O)nH4cccce43)CC2C1=O
vNsp14-nsp10.1-13	Z126939246	-10.5	0.284	497.553	REAL	CC(=O)N/C(=C/c1cccce1)C(=O)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-14	Z1500120620	-10.5	0.318	444.529	REAL	C[C@@]1(NC(=O))C@H2CC(C(=O)c3cccce32)CCN(C(=O))C@H2CC(C(=O)c3cccce32)C1
vNsp14-nsp10.1-15	Z2233376534	-10.5	0.318	444.529	REAL	O=C(NNC(=O))C@H1[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1)C@H1C1Cc2cccce2O1
vNsp14-nsp10.1-16	Z995656030	-10.5	0.284	499.565	REAL	O=C1Nc2cccce2C@H1CCN(C(=O))C@H1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-17	Z995754372	-10.5	0.292	481.594	REAL	CC(C)C1ccc(C=C2)O3c1ccc4c3C@H1(c3ccc5cccce5nc3O)CC(=O)4C2=Oe1
vNsp14-nsp10.1-18	ZINC000524731813	-10.5	0.292	477.515	ZINC	O=C1Nc2cccce2C@H1C1CCN(C(=O))C@H1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-19	Z1020943126	-10.4	0.315	465.979	REAL	O=C(NC1nmm1-c1cccce1)C@H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-20	Z1147907130	-10.4	0.289	480.57	REAL	O=C(NC[C@@]H1CCc2nHncc2)C1[C@@]H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-21	Z1204918363	-10.4	0.315	442.561	REAL	O=C(NC[C@@]H1CCc2nHncc2)C1[C@@]H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-22	Z1499463174	-10.4	0.315	437.498	REAL	O=C(Nc1cccce2e1)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-23	Z1507808000	-10.4	0.315	439.514	REAL	Cc1cccce1-c2cc(C(=O)N3CCO)C@H4(Cc5cccce54)C3)3c(C)nc32cc1
vNsp14-nsp10.1-24	Z1658286589	-10.4	0.335	413.523	REAL	O=C(NC[C@@]H1[C@@]H2CCc3cccce3C@H2N1C1CC(C(=O))C@H2nHnH1(c3cccce3n2)C1
vNsp14-nsp10.1-25	Z1716063227	-10.4	0.315	440.541	REAL	O=C1cccce2cccce12)N1CC(C)C@H1(C(=O)N2CC[C@@]3(C)C@OCC2cccce23)C1
vNsp14-nsp10.1-26	Z1720538465	-10.4	0.315	444.573	REAL	C[C@@]H1C2cccce2N1C(=O)C@H1C1CC(C(=O))C@H1C1C(=O)N1C1C(=O)c1cccce1e12
vNsp14-nsp10.1-27	Z1734853615	-10.4	0.371	374.482	REAL	O=C(NC[C@@]H1[C@@]H2CCc3cccce3C@H2N1C1CC(C(=O))C@H2(C)OC1cccce12
vNsp14-nsp10.1-28	Z1743907853	-10.4	0.347	392.461	REAL	O=C1Nc2cccce2C@H12CCN(c1nc(-c3cccce3)nc3cccce13)C2
vNsp14-nsp10.1-29	Z2183256228	-10.4	0.371	373.498	REAL	O=C(NC[C@@]H1[C@@]H2CCc3cccce3C@H2N1C1CCN2c3cccce3C1C@H2C1
vNsp14-nsp10.1-30	Z225653128	-10.4	0.335	409.488	REAL	O=C(C[C@@]H1CC(=O)Nc2ccc3cccce23)N1CCc2nHnH3cccce3e2C1
vNsp14-nsp10.1-31	Z228329578	-10.4	0.359	394.557	REAL	Cc1ccc(C23C[C@@]H4[C@@]H1(C)C(C(=O)NCC(=O)N5CCC5)(C4)C2)ccc1C
vNsp14-nsp10.1-32	Z2495882389	-10.4	0.385	361.444	REAL	O=C(NC[C@@]H1CCc2cccce2N1C(=O)N)C@H1C[C@@]H2CCc3cccce3C@H2N1
vNsp14-nsp10.1-33	Z2767460673	-10.4	0.359	394.513	REAL	O=C1[C@@]H2CC(C)C@H1C1C(C(=O)N1CC(C(=O)C@H3(C)C(=O)Nc4cccce43)CC1)C2
vNsp14-nsp10.1-34	ZINC000019835162	-10.4	0.315	435.526	ZINC	Cc1onc(-c2cccce2)e1C(=O)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-35	Z1024053302	-10.3	0.294	485.504	REAL	O=C1Nc2cccce2C@H1C1CCN(C(=O))C@H1C[C@@]H2CC(C(=O)N)C3cccce3C2)CC1
vNsp14-nsp10.1-36	Z1033343054	-10.3	0.322	420.471	REAL	Cn1nc(C(=O)Nc2cccce1-c3ccc4cccce4c3n2)cccce2e1=O
vNsp14-nsp10.1-37	Z1068314458	-10.3	0.286	487.642	REAL	CN1CC2(C)C1C@H1(NC(=O))C@H1C1C[C@@]H3CC(C(=O))C@H3N1C(=O)c1cccce1O2
vNsp14-nsp10.1-38	Z1128836954	-10.3	0.278	486.534	REAL	O=C(Cc1nc2c(enn2-c2cccce2)c(=O)nH1)Nc1cccce1-c2cc3cccce3e2n1
vNsp14-nsp10.1-39	Z1241281994	-10.3	0.368	366.467	REAL	c1cccce2e1(-c1cccce1C2N1CC(C)C@H1(c2nnc3cccce23)C1
vNsp14-nsp10.1-40	Z1280816751	-10.3	0.332	434.965	REAL	O=C1Nc2ccc(C)cc2[C@@]H1C1CCN(C(=O))C@H2[C@@]23CCc2cccce23)CC1
vNsp14-nsp10.1-41	Z1344200657	-10.3	0.312	444.617	REAL	O=C(C[C@@]H1CCc2cccce2C1)N1CCN(C(=O)C)C@H1C[C@@]H2CCc3cccce3C2)CC1
vNsp14-nsp10.1-42	Z1374245126	-10.3	0.343	402.536	REAL	CC(=O)N1Cc2cccce2C[C@@]H1C(=O)N1CC(C)C@H2(C)CCc3cccce32)C1
vNsp14-nsp10.1-43	Z1374245614	-10.3	0.312	443.545	REAL	O=C(CN1C(=O)N)C@H2(Cc3cccce32)C1(=O)N1CC(C(=O))C@H2(C)CCc3cccce32)C1
vNsp14-nsp10.1-44	Z1411947320	-10.3	0.312	442.561	REAL	O=C(NC[C@@]H1CCc2nHnHc2)C1[C@@]H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-45	Z1417276490	-10.3	0.312	439.51	REAL	O=C1O(C)C@H1(c2cccce2)C2c2cc(C(=O)N3CC(C4)C(C3)OCc3cccce34)ccc21
vNsp14-nsp10.1-46	Z1473414653	-10.3	0.322	432.498	REAL	O=C(NC[C@@]H1[C@@]H2CCc3cccce3C@H2N1C1CC(C(=O))C@H2(C)OCc3cccce32)C1
vNsp14-nsp10.1-47	Z1473416266	-10.3	0.412	332.446	REAL	C[C@@]H1Cc2cccce2N1C(=O)N)C@H1C[C@@]H2CCc3cccce3C@H2N1
vNsp14-nsp10.1-48	Z1476713258	-10.3	0.332	412.488	REAL	O=C(NC[C@@]H1CCCN(C(=O)C)cccce2)C1c1cccce2Oe2cccce21
vNsp14-nsp10.1-49	Z1507806300	-10.3	0.312	438.529	REAL	Cc1nn(C)2nc(-c3cccce3)cc(C(=O)N3CCO)C@H4(Cc5cccce54)C3)C1
vNsp14-nsp10.1-50	Z1507808003	-10.3	0.355	390.481	REAL	CC(=O)N1Cc2cccce2C[C@@]H1C(=O)N1CCO(C@H2(C)CCc3cccce32)C1
vNsp14-nsp10.1-51	Z1581473271	-10.3	0.312	440.585	REAL	O=C(NC[C@@]H1CCCN1C(=O)C@H1C[C@@]2(C)C1c1cccce12)C@H1C1C12CCc1cccce12
vNsp14-nsp10.1-52	Z1631989495	-10.3	0.312	437.477	REAL	O=C(NC[C@@]H1CCc2nnc(-c3ccc(F)cc3)n2C1)1cc2cccce22cccce12
vNsp14-nsp10.1-53	Z1662361768	-10.3	0.322	424.459	REAL	O=C1N(C)C@H2(Cc3cccce32)C(=O)N1CCnnc(Cc2ccc3cccce32)C1
vNsp14-nsp10.1-54	Z1748294717	-10.3	0.355	385.466	REAL	O=C1cccce2c3c(nH1e12)CCCC3N1CC(C)C@H2(C)C(=O)Nc1cccce12
vNsp14-nsp10.1-55	Z1750667161	-10.3	0.312	446.549	REAL	C[C@@]H1C[C@@]H1C(C)N(C(=O)C)cccce2N(C(=O)N2CC(C(=O))C@H3(C2)C(=O)Nc2cccce23)C1
vNsp14-nsp10.1-56	Z792115066	-10.3	0.294	466.492	REAL	O=C(NC1C(=O)N)C@H2(Cc3cccce32)C1(=O)OCC(=O)c1cccce2e1)C1cccce1-2
vNsp14-nsp10.1-57	ZINC000015730186	-10.3	0.278	494.597	ZINC	Cc1cccce1-n2nc(N3CCCN(C(=O)c4nH1e54CC4c4cccce45)CC3)ccc2e1Oe1C
vNsp14-nsp10.1-58	ZINC000033038242	-10.3	0.312	461.584	ZINC	Cc1ccc(C)cc(S(=O)(=O)N2CCN(C3=Nc4cccce4Oe4cccce45)CC2)cc1C)C1
vNsp14-nsp10.1-59	PV-001964069954	-10.2	0.378	359.428	REAL	Cc1cccce1CNC(=O)N)C@H2Cc3cccce3NC2=O)cccce12
vNsp14-nsp10.1-60	Z1010365610	-10.2	0.276	495.581	REAL	O=C(OCC1nmm1Cc1cccce1)C@H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-61	Z1014370920	-10.2	0.276	495.581	REAL	Cc1nc2cccce21C(=O)N)C(=O)C@H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1
vNsp14-nsp10.1-62	Z1014641074	-10.2	0.276	492.577	REAL	O=C(NNC(=O))C@H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1)C1cccce2e1e12
vNsp14-nsp10.1-63	Z1022078740	-10.2	0.319	430.566	REAL	CC(=O)N1c2cccce2C[C@@]H1C1C(=O)N1CCN(C(=O)C)2nHnH3cccce23)CC1
vNsp14-nsp10.1-64	Z1026191060	-10.2	0.309	441.529	REAL	O=C(Cc1cccce2cccce12)NCC(=O)N1CC(C(=O))C@H2(C)C(=O)Nc3cccce32)CC1
vNsp14-nsp10.1-65	Z1101911840	-10.2	0.3	453.497	REAL	CC(=O)N1CCc2cccce2C@H1CC(C(=O)N)Nc1cccce1N2C(=O)c3cccce32)C2e1
vNsp14-nsp10.1-66	Z1128837724	-10.2	0.329	405.456	REAL	O=C(Nc1cccce1e2cccce21)Nc1cccce1(-c2cc3cccce3e2)n1
vNsp14-nsp10.1-67	Z113124305	-10.2	0.319	422.443	REAL	O=C(Cn1c(=O)nH1e1(=O)cccce21)Nc1cccce1(-c2cc3cccce3e2)n1
vNsp14-nsp10.1-68	Z1265332074	-10.2	0.309	440.498	REAL	Cc1cccce1[C@@]H1C1C(=O)cccce1N3C(=O)c4cccce4C3=O)cc2)C@H1(C)CO1
vNsp14-nsp10.1-69	Z1391618497	-10.2	0.309	441.529	REAL	CC(=O)N1CCc2cccce2C(=O)N3CC(C)C@H1(NC(=O)C)4cccce54C3)ccc21
vNsp14-nsp10.1-70	Z1500299528	-10.2	0.319	425.534	REAL	O=C(C[C@@]H1CCCN1c1cccce1)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-71	Z1560236188	-10.2	0.3	449.552	REAL	O=C(Cc1cccce2nH1e1=O)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-72	Z1627784622	-10.2	0.319	429.562	REAL	Cc1cccce1-c2nn(C(=O)N3CC(C)C@H4(C)C(C)C@H43)C(=O)c3cccce32)CC1
vNsp14-nsp10.1-73	Z1672654827	-10.2	0.309	442.565	REAL	O=C(Nc1nnc1C2CCCC2)n1)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-74	Z1744197666	-10.2	0.378	356.424	REAL	O=C(Cc1cccce2cccce12)N1CC(C)C@H2(C)C(=O)Nc1cccce12
vNsp14-nsp10.1-75	Z1744514502	-10.2	0.309	440.585	REAL	Cc1ccc(C23C[C@@]H4[C@@]H1(C)C(C(=O)N5CC(C)C@H16(C5)C(=O)Nc5cccce56)(C4)C2)C3cc1
vNsp14-nsp10.1-76	Z1752594572	-10.2	0.319	443.468	REAL	O=C(NC[C@@]H1C1CC(C)C@H1C1c1cccce1C(F)F)N1CC(C(=O))C@H2(C)C1c1cccce12
vNsp14-nsp10.1-77	Z1869179036	-10.2	0.34	403.481	REAL	O=C1CC(C(=O)N2CC(N3C(=O)N)C@H4(Cc5cccce54)C3=O)CC(=O)C1
vNsp14-nsp10.1-78	Z18857670	-10.2	0.3	452.421	REAL	O=C(COC(=O)c1ccc(O)cccce12)Nc1cccce2e1C(=O)c1cccce1C1=O
vNsp14-nsp10.1-79	Z1983287764	-10.2	0.352	395.433	REAL	O=C1N[C@@]2(C)C@H3(C)C@H2(C)C@H2CC(C)C@H3(C)C1(=O)N1C1C(=O)Nc1cccce1e1
vNsp14-nsp10.1-80	Z2001020385	-10.2	0.34	396.532	REAL	O=C(C[C@@]H1C1C[C@@]H1c1cccce2e1)N1CCN(C2Cc3cccce32)CC1
vNsp14-nsp10.1-81	Z2091496215	-10.2	0.319	428.53	REAL	Cc1cccce2e1)C1N(C(=O)C1CCN(C(=O)c3cccce4cccce34)CC1)COC2
vNsp14-nsp10.1-82	Z2168800571	-10.2	0.3	448.521	REAL	O=C(Nc1cccce2cccce2e1)C1[C@@]H2[C@@]H3C=C[C@@]H1(C)C@H4(C(=O)N)C5cccce5C(=O)C@H34)C@H12
vNsp14-nsp10.1-83	Z2174372362	-10.2	0.309	432.526	REAL	O=C1c1cnn(-c2cccce2e1)N1CCN(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-84	Z226970162	-10.2	0.291	465.551	REAL	O=C(Cc1cccce2cccce12)NNC(=O)C@H1CCCN(C(=O)C)2cccce3cccce23)C1
vNsp14-nsp10.1-85	Z227925854	-10.2	0.283	499.593	REAL	O=C1c1ccc(S(=O)(=O)N2CCc3nH1e4cccce4c3C2)ccnH1)N1CCc2nHnH3cccce3e2C1
vNsp14-nsp10.1-86	Z2347890120	-10.2	0.352	388.466	REAL	O=C1C[C@@]2(C)CCN(C(=O)N)C@H3(C)C@H4(Cc5cccce5C)C@H43)C2)Oe2cccce21
vNsp14-nsp10.1-87	Z24701653577	-10.2	0.364	372.51	REAL	C[C@@]H1Cc2cccce2N1C1CCN(C(=O)C)C@H2(C)C1Cc4cccce4C@H3(C)C2)C1
vNsp14-nsp10.1-88	Z448674688	-10.2	0.291	463.583	REAL	O=C(NC[C@@]H1CC2c3cccce3C1c1cccce12)N1CC(C2c3cccce3-c3cccce32)CC1
vNsp14-nsp10.1-89	Z790846854	-10.2	0.291	465.547	REAL	O=C(COC(=O)C1CCN(C(=O)C)C(=O)C2cccce2)CC1c1cccce2e1)C1cccce1-2
vNsp14-nsp10.1-90	Z996276962	-10.2	0.283	481.594	REAL	C[C@@]H1(NC(=O))C@H1C1C[C@@]H2CC(C(=O))C@H2N1C(=O)c1cccce2e1)C1cccce2e1)C1(=O)N2
vNsp14-nsp10.1-91	Z996744910	-10.2	0.276	494.593	REAL	O=C1c1cccce2e2nH1)N1CCN(C(=O)C2CCN(C(=O)c3cccce4cccce43)CC2)CC1
vNsp14-nsp10.1-92	Z997048282	-10.2	0.291	465.551	REAL	

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp14-as2-101	Z827033132	-9.6	0.291	463.51	REAL	O=C(Nc1ccc2oc(=O)ccc2c1)N1CCN(S(=O)(=O)c2ccc3ccc3c2)CC1
vNsp14-as2-102	ZINC000002619944	-9.6	0.320	405.41	ZINC	O=C(CN1C=O)N[C@@H]2[C@@H](C)C(=O)Nc1ccc2[nH]c(=O)[nH]2c1
vNsp14-as2-103	ZINC000003709978	-9.6	0.291	432.48	ZINC	CC(=O)Nc1ccc(C[C@@H]2Nc3ccc4ccc4c3-c3c4ccc4oc(=O)c3)c2c1
vNsp14-as2-104	ZINC000001929478	-9.6	0.300	451.50	ZINC	Cc1cc(=O)c2ccc(NC(=O)c3ccc4c(3)S(=O)(=O)N=C3CCCC43)ccc12
vNsp14-as2-105	ZINC0000014752022	-9.6	0.300	451.50	ZINC	Cc1cc(=O)c2ccc(NC(=O)C)[C@H]3CCCC(NC4=NS(=O)(=O)C5=CC=CC=C5)C3ccc12
vNsp14-as2-106	ZINC000015971909	-9.6	0.259	490.56	ZINC	Cc1ccc(N2C(=O)C[C@@H]3[C@@H](C2=O)C[C@@H]4[C@H](C2=O)Nc3ccc4ccc3c2)C1
vNsp14-as2-107	ZINC000015972403	-9.6	0.259	494.53	ZINC	Cc1ccc2c1NC(=O)C[C@@H]2[C@@H](C)C[C@@H]3[C@@H](C2=O)Nc3ccc4ccc3c2)C1
vNsp14-as2-108	ZINC000015972854	-9.6	0.259	494.53	ZINC	Cc1ccc2c1[C@@H]1[N](C)[C@H](C)C3c1nH4ccc34)[C@H]3C(=O)N(c4ccc(F)cc4)C(=O)[C@H]31[C@@H]2
vNsp14-as2-109	ZINC000016001399	-9.6	0.282	489.88	ZINC	Cc1c2ccc(c1)[C@@H]1(C)N2[C@@H]2(C)N(=O)Nc3ccc3C(F)(F)F(C)C(=O)C[C@@H]2(C)[C@@H]2CCN2
vNsp14-as2-110	ZINC000017862766	-9.6	0.240	520.59	ZINC	O=C(Nc1ccc2ccc2c1)c1ccc(N2C(=O)C)[C@H]3[C@@H](C2=O)C2c4ccc4C3ccc3c2)c1
vNsp14-as2-111	ZINC000019795177	-9.6	0.282	437.45	ZINC	O=C1c2ccc2C2=C1C1(c3ccc4ccc(c34)C1=O)C1=C(N2)c2ccc2C1=O
vNsp14-as2-112	ZINC000239338631	-9.6	0.282	454.52	ZINC	Cc1ccc(N2C(=O)C[C@@H]3[C@@H](C2=O)C[C@@H]2C=C[C@@H]3(C)C(=O)N(c4ccc(C)cc4)C(=O)C)[C@H]32)c1C
vNsp14-as2-113	ZINC000408674312	-9.6	0.267	476.57	ZINC	CC1CCN(C(=O)c2ccc(N3C(=O)C[C@@H]4(C)C[C@@H](C3=O)C3c5ccc5C4c4ccc43)c2)CC1
vNsp14-as2-114	ZINC000408682268	-9.6	0.253	498.58	ZINC	Cc1cc(C)cc(NC(=O)c2ccc2N2C(=O)C)[C@H]3[C@@H](C2=O)C2c4ccc4C3ccc3c2)c1
vNsp14-as2-115	ZINC000408682271	-9.6	0.253	498.58	ZINC	Cc1cc(C)cc(NC(=O)c2ccc2N2C(=O)C)[C@H]3[C@@H](C2=O)C2c4ccc4C3ccc3c2)c1
vNsp14-as2-116	ZINC000408730082	-9.6	0.253	499.57	ZINC	Cc1ccc(N2C(=O)C[C@@H]3[C@@H](C2=O)C[C@@H]2(C)C(=O)Oe4c5ccc5ccc4C2=C[C@@H]3c2ccc2c1(C)C1
vNsp14-as2-117	PV-001810158400	-9.5	0.306	440.33	REAL	Cc1cc(-c2cc(NC(=O)C3ccc4c(3)OC(F)F)O4)cc(C(F)F)F2c1nH1
vNsp14-as2-118	PV-001843054767	-9.5	0.297	450.41	REAL	O=C1NCCOe2ccc(C(=O)N3CCC(O)C4ccc(O)C(F)F)cc1
vNsp14-as2-119	PV-001847242545	-9.5	0.306	436.40	REAL	O=C1Nc2c(F)ccc2[C@@H]1CC(=O)N1CCC(O)c2ccc2C(F)(F)FCC1
vNsp14-as2-120	PV-001847826710	-9.5	0.352	374.30	REAL	O=C1Cccc2c1)OC(F)F)O2N1ccc(-c2n1nH1c(=O)nH1)2c1
vNsp14-as2-121	PV-001850638389	-9.5	0.317	430.31	REAL	Cc1ccc2c(C(=O)N)Nc3ccc(C(F)F)F)cc(C(F)F)F3ccc2c(=O)nH1
vNsp14-as2-122	PV-001869309257	-9.5	0.306	432.41	REAL	Cc1cc(=O)c(C(=O)N2CCC[C@@H]3c1nH3)C2)nm1-c1ccc1c(C(F)F)F
vNsp14-as2-123	PV-001873296147	-9.5	0.297	454.55	REAL	Cc1ccc(S(=O)(=O)Nc2ccc2C(=O)N2CCC(Cc3ncc(C)3)CC2)cc1
vNsp14-as2-124	PV-001935614880	-9.5	0.306	455.44	REAL	O=S(=O)(c1ccc(-n2nmn2)cc1)N1CCC(F)(c2ccc2C(F)F)FCC1
vNsp14-as2-125	PV-001935866190	-9.5	0.306	453.44	REAL	O=S(=O)(c1ccc(-n2nmn2)cc1)N1CCC(O)c2ccc2C(F)F)FCC1
vNsp14-as2-126	PV-001942627617	-9.5	0.317	413.42	REAL	CC(=O)Nc1ccc(NC(=O)N2CCC3(C=Cc4ccc4O3)CC2)c(F)Fcc1
vNsp14-as2-127	PV-001943086176	-9.5	0.352	367.50	REAL	Cc1cc(-c2ccc(NC(=O)N3CCC4(CCCC4)CC3)c2)nH1
vNsp14-as2-128	PV-001947436141	-9.5	0.306	447.60	REAL	CC(=O)N1C[C@@H]2CCC[C@@H](NC(=O)Nc3ccc(C)cc3(=O)C4CCCC43)[C@H]2C1
vNsp14-as2-129	PV-001947992877	-9.5	0.297	450.44	REAL	O=C(Nc1ccc(F)N2CCC(N2=O)c1)Nc1(c2ccc(C(F)F)F)cc1
vNsp14-as2-130	PV-001948673750	-9.5	0.297	456.33	REAL	Cc1cc(-c2cc(NC(=O)N)Nc3ccc4c3OC(F)F)O4)cc(C(F)F)F2c1nH1
vNsp14-as2-131	PV-001958246873	-9.5	0.297	432.53	REAL	Cc1ccc(C(NC(=O)N2CCC(N3ccc(CN)O)nm3)CC2)c2ccc(C)cc2c1
vNsp14-as2-132	Z1000939152	-9.5	0.257	492.53	REAL	C[C@@H]1(c2ccc(NC(=O)C3c4c(nc5ccc5)C)C=C/C3ccc3)CC4e2)N(C=O)N1=O
vNsp14-as2-133	Z1014376968	-9.5	0.279	454.53	REAL	O=C(Nc1ccc2nH1c(=O)nH1c2e1)[C@@H]1[C@@H]2CCC[C@@H]2N1C(=O)C1ccc2ccc2e1
vNsp14-as2-134	Z1014397590	-9.5	0.271	474.56	REAL	O=C1N(C=O)C2(CCN(C(=O)C)[C@H]3[C@@H]4CCCC[C@@H]4N3C(=O)c3ccc4ccc4c3)CC2)N1
vNsp14-as2-135	Z1014446368	-9.5	0.271	494.98	REAL	C[C@@H]1(c2ccc(NC(=O)C)[C@@H]3[C@@H]4CCCC[C@@H]4N3C(=O)c3ccc(C1c3)2)N(C1=O)
vNsp14-as2-136	Z1014465300	-9.5	0.271	494.98	REAL	C[C@@H]1(c2ccc(NC(=O)C)[C@@H]3[C@@H]4CCCC[C@@H]4N3C(=O)c3ccc(C1c3)2)N(C1=O)N1=O
vNsp14-as2-137	Z1014534434	-9.5	0.271	498.60	REAL	O=C(NNC(=O)C)[C@@H]1[C@@H]2CCC[C@@H]2N1C(=O)c1ccc2ccc2e1)N(C)[C@@H]1CCS(=O)(=O)C1
vNsp14-as2-138	Z1018165564	-9.5	0.257	493.57	REAL	O=C(NNC(=O)C)cc(-c2ccc2)nc2ccc12)N(C)[C@@H]1CCCN(C(=O)c2ccc2)C1
vNsp14-as2-139	Z1022405136	-9.5	0.288	455.46	REAL	Cn1c(=O)ccc2ccc(NC(=O)C)[C@@H]3[C@@H]4CCCC[C@@H]4N3C(=O)c3ccc(F)cc3Fcc21
vNsp14-as2-140	Z1023035970	-9.5	0.317	424.48	REAL	Cc1cc(C(=O)N2CCN(S(=O)(=O)c3c1nH4ccc34)CC2)c2nH1cc1
vNsp14-as2-141	Z1027963874	-9.5	0.288	440.51	REAL	Cc1ccc(NC(=O)N2Cc3ccc3[C@@H](c3ccc3)C2)cc1-n1nmn1C
vNsp14-as2-142	Z1066862178	-9.5	0.297	429.52	REAL	Cc1ncc(-c2ccc(NC(=O)C)[C@@H]3[C@@H]4CCCC[C@@H]4N3C(=O)c3ccc(C1c3)2)nH1
vNsp14-as2-143	Z1083438676	-9.5	0.271	484.48	REAL	Cc1nmn1-c1cc(NC(=O)C)[C@@H]2[C@@H]3CCCC[C@@H]3N2C(=O)c2ccc(F)cc2Fcc1
vNsp14-as2-144	Z1088492438	-9.5	0.271	479.56	REAL	Cc1nmn1-c1cc(NC(=O)N2CCC[C@@H](CN3CCN(c4ccc4)CC3)c2)cc1
vNsp14-as2-145	Z1099516715	-9.5	0.352	367.37	REAL	Cc1ncc(C(=O)N2CCC[C@@H]2c2ccc3c2)OC3)nm1-c1nmn1H1
vNsp14-as2-146	Z1158013629	-9.5	0.279	480.56	REAL	O=C(Nc1ccc(F)cc1)C1CCN(C(=O)c2ccc2CS(=O)(=O)C2)ccc2CC1
vNsp14-as2-147	Z1158268108	-9.5	0.279	481.55	REAL	O=C(Nc1ccc(F)cc1)N1CCN(C(=O)c2ccc2CS(=O)(=O)C2)ccc2CC1
vNsp14-as2-148	Z1161372234	-9.5	0.271	494.57	REAL	O=C1COe2ccc(S(=O)(=O)N3CCN(C(=O)c4ccc5nH1f6e(c54)CCCC63)cc2)N1
vNsp14-as2-149	Z1171597456	-9.5	0.297	428.45	REAL	Cc1nnc2nH1ncc(NC(=O)CCCN3C(=O)c4ccc5ccc(c45)C3=O)c2c1
vNsp14-as2-150	Z1335192709	-9.5	0.279	449.51	REAL	C[C@@H]1(c2ccc(C(=O)N)C[C@@H](c3ccc3)c3ccc4ccc34)cc2)N(C=O)N1=O
vNsp14-as2-151	Z1369051796	-9.5	0.288	441.54	REAL	Cc1ccc(C)cc2c(C3CC3)cc(C(=O)N3CCN(c4ccc(C)nc4)CC3)cc2c1
vNsp14-as2-152	Z1372080549	-9.5	0.317	399.45	REAL	Cc1ccc(C(NC(=O)C2ccc(-c3ncc(=O)nH1)3)cc2)cc1C(=O)C2
vNsp14-as2-153	Z1375391148	-9.5	0.317	402.50	REAL	Cc1ccc(NC(=O)N2CCC[C@@H]3(C)CCc4ccc43)C2)cc1-n1nmn1
vNsp14-as2-154	Z1375407468	-9.5	0.317	406.46	REAL	O=C(Nc1cc(-n2nmn2)ccc1F)N1CCC[C@@H]2(C)CCc3ccc3c2)C1
vNsp14-as2-155	Z1463880202	-9.5	0.288	446.55	REAL	Cc1ccc(C23C[C@@H]4[C@@H]5(C)C(C(=O)N)Nc5ncc5)C(=O)nH1)5(C4)C2)3)cc1C
vNsp14-as2-156	Z1463884357	-9.5	0.328	420.27	REAL	Cn1ncc2c(=O)nH1)cc(NNC(=O)c3ccc(C(F)F)cc(C(F)F)F3)cc21
vNsp14-as2-157	Z1559726405	-9.5	0.352	383.83	REAL	NC(=O)[C@@H](NC(=O)CC1ccc2ccc2nH1)O=C1ccc1C1
vNsp14-as2-158	Z1566175289	-9.5	0.306	414.55	REAL	CC(=O)Nc1ccc2c1CCN(Cc1ccc3ccc3n1N1CCCCC1)C2
vNsp14-as2-159	Z1630064458	-9.5	0.297	432.46	REAL	Cc1ncc(-c2ccc(NC(=O)N)C[C@@H]3CCc4nnc(-c5ccc(F)cc5)n4C3)2)c1nH1
vNsp14-as2-160	Z1637424128	-9.5	0.288	446.55	REAL	Cc1ncc(C2)CCN(C(=O)C)[C@@H]3CCCC(NC(=O)c4ccc5ccc45)C3)CC2)N1
vNsp14-as2-161	Z1659783764	-9.5	0.297	431.45	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(C)C(=O)N2CC3c3nH1c3(=O)C2)C1=O
vNsp14-as2-162	Z1670730219	-9.5	0.288	448.50	REAL	O=C(Nc1ccc2c1)C1(=O)NCC2)Nc1cc(-c2nm3n2CCCC3)ccc1F
vNsp14-as2-163	Z1723437303	-9.5	0.264	499.96	REAL	Cn1c(=O)nH1c2ncc(-c3ccc(C(=O)N4CCC(=C5C)C(=O)N6ccc(C)CC65)cc2)cc1
vNsp14-as2-164	Z1736169293	-9.5	0.297	431.45	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(C)C(=O)N2CC3nH1c(=O)ccc3)C1=O
vNsp14-as2-165	Z1842764322	-9.5	0.288	438.45	REAL	O=C(NNc1ncc2ncc2n1)cc1(-c2ccc3c2)OCC3)ccc2ccc12
vNsp14-as2-166	Z19036719135	-9.5	0.297	438.53	REAL	Cc1ccc(NC(=O)N)C[C@@H]2CCC(N(c3cc(C)n3)C2=O)cc1C(=O)N1CCCCC1
vNsp14-as2-167	Z1927716069	-9.5	0.297	430.50	REAL	C[C@@H]1CN(C(=O)C)[C@@H]2CC(=O)c3ccc3c2)C[C@@H](N)1C(=O)C[C@@H]1CC(=O)c2ccc2e1
vNsp14-as2-168	Z198296716	-9.5	0.306	412.41	REAL	O=C(NN1C(=O)NC(c2ccc2)C2=O)cc1ccc2nH1ncc2e1
vNsp14-as2-169	Z1984185460	-9.5	0.317	443.42	REAL	O=C1nH1c2ccc(S(=O)(=O)N3CC(C)F4ccc4C(F)F)F)CC3)cc2nH1
vNsp14-as2-170	Z2004712129	-9.5	0.297	428.47	REAL	Cc1cc(F)cc2c1CN(C(=O)c1ccc(NC(=O)C3ccc4nH1c4c43)O)C2=O
vNsp14-as2-171	Z203507364	-9.5	0.297	421.46	REAL	O=C(Nc1ncc(-c2ccc2)nm1)cc1ccc2c1)C[C@@H](c3ccc3)OCC2=O
vNsp14-as2-172	Z212568674	-9.5	0.271	474.52	REAL	Cc1ccc(NC(=O)N2CCN(C(=O)c3ccc4c(c3)C[C@@H](c3ccc3)OC4=O)CC2)no1
vNsp14-as2-173	Z2158538331	-9.5	0.339	370.38	REAL	Cc1ncc(-c2ccc(-c3ncc(-c4nnH1)4-c4ccc4n3)2)nH1
vNsp14-as2-174	Z2167355607	-9.5	0.288	446.49	REAL	O=C(Nc1ccc(-c2nm3n2CCC3)c1)N1CCC(c2ncc3cc(F)cc23)CC1
vNsp14-as2-175	Z2167786968	-9.5	0.297	433.51	REAL	Cc1ncc2cc(NC(=O)N3CC4(CCCC4)4ccc4c(c4)C[C@@H]3)OCC5)cc2n1
vNsp14-as2-176	Z2232649657	-9.5	0.317	417.43	REAL	O=C1[C@@H]2[C@@H]3[C@@H]4[C@@H]5(C)C(C(=O)N5CCC(c6ccc(O)C(F)F)cc6)CC5)C(=O)[C@@H]1[C@@H]3[C@@H]4
vNsp14-as2-177	Z2233591493	-9.5	0.279	443.47	REAL	O=C(Nc1ncc(-c2ccc3ccc3n2)nH1)cc1cc(-c2ccc2)nc2ccc2e1
vNsp14-as2-178	Z2698983905	-9.5	0.328	385.47	REAL	O=C(Nc1ncc(N2Cc3ccc3C2)n1)N1CCc2ccc2C1
vNsp14-as2-179	Z27935410	-9.5	0.271	490.58	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(C)C(=O)N2c3c(c2C)N)O)CCCC3)C1=O
vNsp14-as2-180	Z2890523424	-9.5	0.264	478.55	REAL	O=C(C1[C@@H]2[C@@H]3[C@@H]4[C@@H]5(C)C(C(=O)N5)C5ccc5)C(=O)[C@@H]3(C)[C@@H]2)N(O)Cc1ccc2ccc2e12
vNsp14-as2-181	Z3094947607	-9.5	0.365	364.33	REAL	Cn1c(C2=NNC(=O)C2)nm1N1CCc2ccc(C(F)F)F)cc2C1
vNsp14-as2-182	Z31308110	-9.5	0.271	497.46	REAL	Cc1ccc(=O)n2n(NC=C3C(=O)N(c4ccc(C(F)F)F)cc4)C(=O)c4ccc43)cc2n1
vNsp14-as2-183	Z3172360162	-9.5	0.328	393.45	REAL	Cn1ncc(-c2nnc(N3CCC(C[C@@H]4(C)C[C@@H](C3=O)N5ccc54)CC3)n2)C)cc1O
vNsp14-as2-184	Z356684316	-9.5	0.279	486.52	REAL	Cc1c(C(=O)N2CCN(C3ccc(Nc4ccc4n3)CC2)cc2ncc(C(F)F)F)cc12
vNsp14-as2-185	Z411014288	-9.5	0.306	410.48	REAL	Cc1c(NC(=O)N2Cc3ccc3[C@@H](c3ccc3)C2)ccc1-n1nmn1
vNsp14-as2-186	Z433472214	-9.5	0.306	412.49	REAL	O=C(Nc1ncc(N2CCN(C2=O)c1)N1CCc2ccc2)C[C@@H](c2ccc2)C1
vNsp14-as2-187	Z558578872	-9.5	0.279	463.58	REAL	C[C@@H]1c2c3c(cc2)C(CCC2)N1C(=O)N(C)[C@@H]1CCCN(c2ncc2)O)CCO3
vNsp14-as2-188	Z645863750	-9.5	0.306	421.46	REAL	CN1CCC2(CC1)C[C@@H](N)C(=O)c1ccc3nH1)cc(=O)nH1)cc3c1ccc1O2
vNsp14-as2-189	Z647258828	-9.5	0.288	459.39	REAL	O=C(c1ccc2nH1)cc(=O)nH1)cc(=O)c2c1)N1CCC(C)C[C@@H](c2ncc3ccc(C(F)F)F)cc3)O
vNsp14-as2-190	Z730733442	-9.5	0.297	447.42	REAL	Cc1ncc(C[C@@H]2CCC(NC(=O)c3nnc(-c4ccc4C(F)F)F)cc3)O)C2)N1
vNsp14-as2-191	Z759182976	-9.5	0.264	498.57	REAL	O=C(c1ccc(-c2ccc2)nc2ccc2e1)N1CCN(S(=O)(=O)c2c1nH1)ccc23)CC1
vNsp14-as2-192	Z775747980	-9.5	0.328	387.48	REAL	CC(=O)Nc1ccc2c1CCN(C(=O)C)cc1ccc(C)cc1ccc13)C2
vNsp14-as2-193	Z785210480	-9.5	0.279	470.56	REAL	O=S(=O)(c1c1nH1)2ncc12)N1CCN(c2nnc(-c3ccc3)ccc3n2)CC1
vNsp14-as2-194	Z813643410	-9.5	0.297	453.54	REAL	O=C(Nc1ccc(N2CCS2(=O)O)ccc1F)N1CCC[C@@H]1ccc2ccc2e12
vNsp14-as2-195	Z822272382	-9.5	0.264	482.63	REAL	Cc1ccc(C23C[C@@H]4[C@@H]5(C)C(C(=O)N5)CCN(C(=O)c6ccc7nH1)cc7)C(C4)C2)3)cc1
vNsp14-as2-196	Z979958324	-9.5	0.279	467.47	REAL	CN1C(=O)c2ccc

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp14-as1-1	ZINC00001862466	-14.2	0.406	455.468	ZINC	Cc1nc(-c2cc3(ccc4cccc43)oc2=O)ec21c(=O)oc1ccc3ccc3c12
vNsp14-as1-2	ZINC000409336230	-14.2	0.374	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2C(=O)O)cc4ccc5ccc5c4C2=C[C@H]3c2ccc2)cc1C
vNsp14-as1-3	ZINC000409337259	-14.2	0.374	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2C(=O)O)cc4ccc5ccc5c4C2=C[C@H]3c2ccc2)cc1C
vNsp14-as1-4	ZINC00002832254	-14.1	0.403	473.507	ZINC	O=C1cc2ccc3ccc3c2c1-c1ccc(-c2cc3(ccc4cccc43)oc2=O)n1
vNsp14-as1-5	ZINC000008792389	-14.1	0.392	476.51	ZINC	O=C1cc2ccc3ccc3c2c1-c1ccc(-c2cc3(ccc4cccc43)oc2=O)n1
vNsp14-as1-6	ZINC000408732829	-14.1	0.381	485.538	ZINC	Cc1cccc1N1C(=O)[C@H]2[C@H](C1=O)[C@H]1C(=O)O)cc3ccc4ccc4c3C1=C[C@H]2c1cccc1
vNsp14-as1-7	ZINC000008792352	-13.9	0.386	492.965	ZINC	O=C1cc2ccc3ccc3c2c1-c1ccc(-c2cc3(ccc4cccc43)oc2=O)n1
vNsp14-as1-8	Z1452691933	-13.8	0.418	445.493	REAL	O=C(NC)[C@H]1[C@H]2[C]3ccc3[C@H]12)NCC(=O)C1ccc1O[C]1ccc1Fcc1
vNsp14-as1-9	Z318134014	-13.8	0.394	470.499	REAL	Cc1c(-c2ccc2)oc2c(C(=O)N3CCN(C(=O)C)cc4cc(F)cc4)CC3)cccc2c1=O
vNsp14-as1-10	Z46127396	-13.8	0.406	448.477	REAL	CN1C(=O)C=Cc2ccc(C=C3C(=O)N(C)C(=O)C)cc4ccc4)C2)cc2ccc2C1=O
vNsp14-as1-11	ZINC000408978119	-13.8	0.363	495.493	ZINC	O=C1Cc1ccc2nc3c4ccc4c4ccc4c3nc2c1)c1ccc(N2C(=O)C=C2=O)ec1
vNsp14-as1-12	ZINC00001641985	-13.7	0.381	495.929	ZINC	O=C1C(C=Cc2ccc(C)cc2)=NN[C@H]2N1=N=C1=N(C)O3)NN12)c1ccc1-c1cccc13
vNsp14-as1-13	ZINC000005955034	-13.7	0.381	495.929	ZINC	O=C1NC2=NN3C(=O)C=Cc4cc(C)cc4=NN[C@H]3N2NC12)c1ccc1-c1cccc12
vNsp14-as1-14	Z1022496460	-13.6	0.368	495.621	REAL	O=C(NCC(=O)N1CCc2ccc2C1)[C@H]1[C]C@H]2CCC[C]C@H]2N1C(=O)C1cc2ccc2c1
vNsp14-as1-15	Z804195986	-13.6	0.389	493.435	REAL	O=C1[C@H]1CC1(=O)N(c2cc(F)cc2)C1)N1CCC[C]C@H]1c2nnc3ccc(C(F)F)Fen23)C1
vNsp14-as1-16	ZINC00002154274	-13.6	0.4	444.445	ZINC	O=C1cc(-c2ccc(-n3c(=O)c4ccc4c4ccc4c3=O)c2)nc2ccc2c1
vNsp14-as1-17	ZINC000008792406	-13.6	0.378	476.51	ZINC	O=C1cc1ccc2ccc3nc3c2n1)c1ccc1c3=O)N1CCN(C2cc(F)cc2)CC1
vNsp14-as1-18	ZINC000012847889	-13.6	0.412	436.51	ZINC	O=C(N1C(=O)N[C]C@H]2CCC[C]C3C(=O)C1=O)c1ccc2c1-c1ccc1C2
vNsp14-as1-19	ZINC000100505727	-13.6	0.368	488.542	ZINC	O=C1[C]C@H]2[C]C@H]3[C]C@H]2C(=O)N1c1ccc2c1-c1ccc(N3C(=O)[C@H]1[C]C@H]1C)cc1cc1C
vNsp14-as1-20	ZINC000104480048	-13.6	0.378	490.945	ZINC	O=C(NC1=CC=C[C]C@H]2[C]C@H]3[C]C@H]2C(=O)N1c1ccc2c1-c1ccc(N3C(=O)[C@H]1[C]C@H]1C)cc1cc1C
vNsp14-as1-21	Z1081123722	-13.5	0.466	380.406	REAL	O=C(NC1=CC=C[C]C@H]2[C]C@H]3[C]C@H]2C(=O)N1c1ccc2c1-c1ccc(N3C(=O)[C@H]1[C]C@H]1C)cc1cc1C
vNsp14-as1-22	Z25741554	-13.5	0.386	465.464	REAL	Cc1nnc1NC(=O)C1cc(-c2ccc3ccc23)nc2ccc12
vNsp14-as1-23	Z26978198	-13.5	0.397	452.509	REAL	O=C1CN1C(=O)N1C[C]2[C]3ccc3C1(=O)Nc1ccc2c1c1(=O)C1ccc1C2=O
vNsp14-as1-24	Z787516708	-13.5	0.365	495.581	REAL	O=C1cc(-c2ccc2)oc2c(C(=O)N3CCN(C(=O)C)cc4ccc4)CC3)ccc2c1=O
vNsp14-as1-25	Z996489826	-13.5	0.375	482.582	REAL	O=C1cc(-c2ccc2)oc2c(C(=O)N3CCN(C(=O)C)cc4ccc4)CC3)ccc2c1=O
vNsp14-as1-26	ZINC00003206809	-13.5	0.409	428.446	REAL	Cn1c(-O)n(C)2cc(NC(=O)[C@H]3[C]C@H]4CCC[C]C@H]4N3C(=O)C3ccc4ccc4c3)ccc21
vNsp14-as1-27	ZINC000008445573	-13.5	0.375	473.483	ZINC	O=C1cc1ccc2c1=O)C12O(C@H]1C1ccc1)[C@H]1C(=O)N(C)ccc4ccc4c3)CC1)C1
vNsp14-as1-28	ZINC000014545021	-13.5	0.375	479.578	ZINC	CC(=O)C1ccc(-c2cc3c(n(C)c2=O)CCN(C(=O)C)cc4cc4nH]c5c4c2)CC3)C1
vNsp14-as1-29	Z1014397762	-13.4	0.383	469.583	REAL	O=C(N1C[C]1CCCC2[nH]c2(=O)ccc21)[C@H]1C[C]C@H]2CCC[C]C@H]2N1C(=O)C1ccc2ccc2c1
vNsp14-as1-30	Z1014421792	-13.4	0.362	496.609	REAL	O=C1c1ccc1N1CCN(C(=O)[C@H]2[C]C@H]3CCC[C]C@H]3N2C1=O)C2ccc3ccc3c2)CC1
vNsp14-as1-31	Z1014525870	-13.4	0.362	493.609	REAL	Cc1nncn1-c1ccc1CN(C(=O)[C@H]1[C]C@H]2CCC[C]C@H]2N1C(=O)C1ccc2ccc2c1
vNsp14-as1-32	Z119679586	-13.4	0.372	479.535	REAL	O=C1[C@H]1CN(C(=O)C)cc2ccc3nc3ccc23)ccc2ccc2O1)N1CCOCC1
vNsp14-as1-33	Z1544359640	-13.4	0.432	410.476	REAL	NC(=O)N[C]C@H]1CCN(C(=O)C)cc2ccc3ccc3c2)CC1)C1
vNsp14-as1-34	Z1643756379	-13.4	0.406	441.529	REAL	Cc1c(NC(=O)N2CC=C(c3ccc4ccc34)C2)ccc1C(=O)N1CCOCC1
vNsp14-as1-35	Z50157029	-13.4	0.406	453.477	REAL	Cc1cc(-c2nnc(-c3ccc4c3)S(=O)(=O)C)ccc3c3C4=O)2)ccc2ccc2n1
vNsp14-as1-36	Z973902086	-13.4	0.406	457.513	REAL	Cc1nH]j(C)NC(=O)2ccc(NC3=NS(=O)(=O)C)ccc4c3)ccc2c1-c1ccc1
vNsp14-as1-37	Z996016390	-13.4	0.372	480.57	REAL	Cc1ccc(NC(=O)[C@H]2[C]C@H]3CCC[C]C@H]3N2C(=O)C2ccc3ccc3c2)cc1-n1mnm1
vNsp14-as1-38	ZINC00002776613	-13.4	0.394	458.442	ZINC	O=C1enn21nc(-c1ccc3ccc3c1)cc2C(F)F)N1CC2ccc2c1
vNsp14-as1-39	ZINC000004451929	-13.4	0.312	556.632	ZINC	c1ccc(-c2cc(-c3ccc3)n3nc(C4nc5nc(-c6ccc6)ccc(-c6ccc6)n5n4)nc2)cc1
vNsp14-as1-40	ZINC00001484483	-13.4	0.383	462.508	ZINC	Cc1c(=O)2ccc(C(=O)N3CCN(C)cc4ccc5ccc5n4)3)2cc1-c1ccc1
vNsp14-as1-41	ZINC00024776752	-13.4	0.372	478.569	REAL	O=C1Nc1ccc2ccc21)[C@H]1CCCN(Cc2n3ccc3n2-c2cc(F)cc2)C1
vNsp14-as1-42	Z1014668582	-13.3	0.369	483.566	ZINC	O=C(NNC(=O)[C@H]1[C]C@H]2CCC[C]C@H]2N1C(=O)C1ccc2ccc2c1)[C@H]1C2ccc2c1
vNsp14-as1-43	Z1312691764	-13.3	0.403	441.49	REAL	CN1c2ccc2c2cc(CN(C)C(=O)C)cc4cc(=O)N]H]j(O)n4n3)ccc21
vNsp14-as1-44	Z146971088	-13.3	0.38	459.504	REAL	O=C(NN1C(=O)NC1c2ccc2)2)ccc2c1C1=O)c1ccc2c1-c1ccc1C2
vNsp14-as1-45	Z1538962334	-13.3	0.429	408.504	REAL	O=C1cc2c1-c1ccc1C2)N1CCN(Cc2n3ccc3nH]j)C1
vNsp14-as1-46	Z1552767584	-13.3	0.429	420.418	REAL	Cc1ccc(C(=O)N2ccc3nH]jnc(NC(=O)C)cc4ccc(C)F)3c2)cc1F
vNsp14-as1-47	Z2154388204	-13.3	0.429	418.402	REAL	Cc1cc(N2C(=O)N[C]C@H]1c3ccc4ccc4c3)C2=O)nn1-c1ccc(F)cc1F
vNsp14-as1-48	Z364958852	-13.3	0.38	483.591	REAL	Cc1nnc2(S(=O)(=O)N3CCN(C(=O)C)cc4ccc5c4)4)ccc4c4)CC3)ccc2c1
vNsp14-as1-49	Z415220808	-13.3	0.38	481.575	REAL	O=C1cc2ccc2c2ccc12)N1CCN(S(=O)(=O)C)ccc3ccc3c2)CC1
vNsp14-as1-50	Z920794266	-13.3	0.391	475.568	REAL	O=C1CN(S(=O)(=O)2ccc(C(=O)N3CC=C(c4ccc5ccc5n4)3)2cc1-c1ccc1
vNsp14-as1-51	Z973899924	-13.3	0.391	472.568	REAL	Cc1nH]j(C)NC(=O)2ccc(S(=O)(=O)N3CC=C(c4ccc4)3)2c1-c1ccc1
vNsp14-as1-52	Z995695182	-13.3	0.359	494.593	REAL	CN(Cc1ccc2cc2c(=O)nH]j)C(=O)[C]C@H]1[C]C@H]2CCC[C]C@H]2N1C(=O)C1ccc2ccc2c1
vNsp14-as1-53	Z996175024	-13.3	0.369	479.582	REAL	O=C1Nc1nnc(Cc2ccc2n1)j)[C@H]1[C]C@H]2CCC[C]C@H]2N1C(=O)C1ccc2ccc2c1
vNsp14-as1-54	ZINC000017194074	-13.3	0.38	466.452	ZINC	Cc1c(=O)2ccc(C(=O)NNC(=O)C)3nH]j(C(=O)C)ccc4c3)2cc1-c1ccc1
vNsp14-as1-55	ZINC00027496395	-13.3	0.403	429.43	ZINC	O=C1Nc1ccc2c1C(=O)C1ccc1C2=O)cc1ccc2c1C(=O)C1ccc1C2
vNsp14-as1-56	ZINC000239125204	-13.3	0.38	464.563	ZINC	Cc1cc(C)cc(NC(=O)2ccc(N3C(=O)[C@H]4[C]C@H]5[C]C@H]6[C]C@H]7[C]C@H]8[C]C@H]9[C]C@H]10[C]C@H]11[C]C@H]12[C]C@H]13[C]C@H]14[C]C@H]15[C]C@H]16[C]C@H]17[C]C@H]18[C]C@H]19[C]C@H]20[C]C@H]21[C]C@H]22[C]C@H]23[C]C@H]24[C]C@H]25[C]C@H]26[C]C@H]27[C]C@H]28[C]C@H]29[C]C@H]30[C]C@H]31[C]C@H]32[C]C@H]33[C]C@H]34[C]C@H]35[C]C@H]36[C]C@H]37[C]C@H]38[C]C@H]39[C]C@H]40[C]C@H]41[C]C@H]42[C]C@H]43[C]C@H]44[C]C@H]45[C]C@H]46[C]C@H]47[C]C@H]48[C]C@H]49[C]C@H]50[C]C@H]51[C]C@H]52[C]C@H]53[C]C@H]54[C]C@H]55[C]C@H]56[C]C@H]57[C]C@H]58[C]C@H]59[C]C@H]60[C]C@H]61[C]C@H]62[C]C@H]63[C]C@H]64[C]C@H]65[C]C@H]66[C]C@H]67[C]C@H]68[C]C@H]69[C]C@H]70[C]C@H]71[C]C@H]72[C]C@H]73[C]C@H]74[C]C@H]75[C]C@H]76[C]C@H]77[C]C@H]78[C]C@H]79[C]C@H]80[C]C@H]81[C]C@H]82[C]C@H]83[C]C@H]84[C]C@H]85[C]C@H]86[C]C@H]87[C]C@H]88[C]C@H]89[C]C@H]90[C]C@H]91[C]C@H]92[C]C@H]93[C]C@H]94[C]C@H]95[C]C@H]96[C]C@H]97[C]C@H]98[C]C@H]99[C]C@H]100[C]C@H]101[C]C@H]102[C]C@H]103[C]C@H]104[C]C@H]105[C]C@H]106[C]C@H]107[C]C@H]108[C]C@H]109[C]C@H]110[C]C@H]111[C]C@H]112[C]C@H]113[C]C@H]114[C]C@H]115[C]C@H]116[C]C@H]117[C]C@H]118[C]C@H]119[C]C@H]120[C]C@H]121[C]C@H]122[C]C@H]123[C]C@H]124[C]C@H]125[C]C@H]126[C]C@H]127[C]C@H]128[C]C@H]129[C]C@H]130[C]C@H]131[C]C@H]132[C]C@H]133[C]C@H]134[C]C@H]135[C]C@H]136[C]C@H]137[C]C@H]138[C]C@H]139[C]C@H]140[C]C@H]141[C]C@H]142[C]C@H]143[C]C@H]144[C]C@H]145[C]C@H]146[C]C@H]147[C]C@H]148[C]C@H]149[C]C@H]150[C]C@H]151[C]C@H]152[C]C@H]153[C]C@H]154[C]C@H]155[C]C@H]156[C]C@H]157[C]C@H]158[C]C@H]159[C]C@H]160[C]C@H]161[C]C@H]162[C]C@H]163[C]C@H]164[C]C@H]165[C]C@H]166[C]C@H]167[C]C@H]168[C]C@H]169[C]C@H]170[C]C@H]171[C]C@H]172[C]C@H]173[C]C@H]174[C]C@H]175[C]C@H]176[C]C@H]177[C]C@H]178[C]C@H]179[C]C@H]180[C]C@H]181[C]C@H]182[C]C@H]183[C]C@H]184[C]C@H]185[C]C@H]186[C]C@H]187[C]C@H]188[C]C@H]189[C]C@H]190[C]C@H]191[C]C@H]192[C]C@H]193[C]C@H]194[C]C@H]195[C]C@H]196[C]C@H]197[C]C@H]198[C]C@H]199[C]C@H]200[C]C@H]201[C]C@H]202[C]C@H]203[C]C@H]204[C]C@H]205[C]C@H]206[C]C@H]207[C]C@H]208[C]C@H]209[C]C@H]210[C]C@H]211[C]C@H]212[C]C@H]213[C]C@H]214[C]C@H]215[C]C@H]216[C]C@H]217[C]C@H]218[C]C@H]219[C]C@H]220[C]C@H]221[C]C@H]222[C]C@H]223[C]C@H]224[C]C@H]225[C]C@H]226[C]C@H]227[C]C@H]228[C]C@H]229[C]C@H]230[C]C@H]231[C]C@H]232[C]C@H]233[C]C@H]234[C]C@H]235[C]C@H]236[C]C@H]237[C]C@H]238[C]C@H]239[C]C@H]240[C]C@H]241[C]C@H]242[C]C@H]243[C]C@H]244[C]C@H]245[C]C@H]246[C]C@H]247[C]C@H]248[C]C@H]249[C]C@H]250[C]C@H]251[C]C@H]252[C]C@H]253[C]C@H]254[C]C@H]255[C]C@H]256[C]C@H]257[C]C@H]258[C]C@H]259[C]C@H]260[C]C@H]261[C]C@H]262[C]C@H]263[C]C@H]264[C]C@H]265[C]C@H]266[C]C@H]267[C]C@H]268[C]C@H]269[C]C@H]270[C]C@H]271[C]C@H]272[C]C@H]273[C]C@H]274[C]C@H]275[C]C@H]276[C]C@H]277[C]C@H]278[C]C@H]279[C]C@H]280[C]C@H]281[C]C@H]282[C]C@H]283[C]C@H]284[C]C@H]285[C]C@H]286[C]C@H]287[C]C@H]288[C]C@H]289[C]C@H]290[C]C@H]291[C]C@H]292[C]C@H]293[C]C@H]294[C]C@H]295[C]C@H]296[C]C@H]297[C]C@H]298[C]C@H]299[C]C@H]300[C]C@H]301[C]C@H]302[C]C@H]303[C]C@H]304[C]C@H]305[C]C@H]306[C]C@H]307[C]C@H]308[C]C@H]309[C]C@H]310[C]C@H]311[C]C@H]312[C]C@H]313[C]C@H]314[C]C@H]315[C]C@H]316[C]C@H]317[C]C@H]318[C]C@H]319[C]C@H]320[C]C@H]321[C]C@H]322[C]C@H]323[C]C@H]324[C]C@H]325[C]C@H]326[C]C@H]327[C]C@H]328[C]C@H]329[C]C@H]330[C]C@H]331[C]C@H]332[C]C@H]333[C]C@H]334[C]C@H]335[C]C@H]336[C]C@H]337[C]C@H]338[C]C@H]339[C]C@H]340[C]C@H]341[C]C@H]342[C]C@H]343[C]C@H]344[C]C@H]345[C]C@H]346[C]C@H]347[C]C@H]348[C]C@H]349[C]C@H]350[C]C@H]351[C]C@H]352[C]C@H]353[C]C@H]354[C]C@H]355[C]C@H]356[C]C@H]357[C]C@H]358[C]C@H]359[C]C@H]360[C]C@H]361[C]C@H]362[C]C@H]363[C]C@H]364[C]C@H]365[C]C@H]366[C]C@H]367[C]C@H]368[C]C@H]369[C]C@H]370[C]C@H]371[C]C@H]372[C]C@H]373[C]C@H]374[C]C@H]375[C]C@H]376[C]C@H]377[C]C@H]378[C]C@H]379[C]C@H]380[C]C@H]381[C]C@H]382[C]C@H]383[C]C@H]384[C]C@H]385[C]C@H]386[C]C@H]387[C]C@H]388[C]C@H]389[C]C@H]390[C]C@H]391[C]C@H]392[C]C@H]393[C]C@H]394[C]C@H]395[C]C@H]396[C]C@H]397[C]C@H]398[C]C@H]399[C]C@H]400[C]C@H]401[C]C@H]402[C]C@H]403[C]C@H]404[C]C@H]405[C]C@H]406[C]C@H]407[C]C@H]408[C]C@H]409[C]C@H]410[C]C@H]411[C]C@H]412[C]C@H]413[C]C@H]414[C]C@H]415[C]C@H]416[C]C@H]417[C]C@H]418[C]C@H]419[C]C@H]420[C]C@H]421[C]C@H]422[C]C@H]423[C]C@H]424[C]C@H]425[C]C@H]426[C]C@H]427[C]C@H]428[C]C@H]429[C]C@H]430[C]C@H]431[C]C@H]432[C]C@H]433[C]C@H]434[C]C@H]435[C]C@H]436[C]C@H]437[C]C@H]438[C]C@H]439[C]C@H]440[C]C@H]441[C]C@H]442[C]C@H]443[C]C@H]444[C]C@H]445[C]C@H]446[C]C@H]447[C]C@H]448[C]C@H]449[C]C@H]450[C]C@H]451[C]C@H]452[C]C@H]453[C]C@H]454[C]C@H]455[C]C@H]456[C]C@H]457[C]C@H]458[C]C@H]459[C]C@H]460[C]C@H]461[C]C@H]462[C]C@H]463[C]C@H]464[C]C@H]465[C]C@H]466[C]C@H]467[C]C@H]468[C]C@H]469[C]C@H]470[C]C@H]471[C]C@H]472[C]C@H]473[C]C@H]474[C]C@H]475[C]C@H]476[C]C@H]477[C]C@H]478[C]C@H]479[C]C@H]480[C]C@H]481[C]C@H]482[C]C@H]483[C]C@H]484[C]C@H]485[C]C@H]486[C]C@H]487[C]C@H]488[C]C@H]489[C]C@H]490[C]C@H]491[C]C@H]492[C]C@H]493[C]C@H]494[C]C@H]495[C]C@H]496[C]C@H]497[C]C@H]498[C]C@H]499[C]C@H]500[C]C@H]501[C]C@H]502[C]C@H]503[C]C@H]504[C]C@H]505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Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp14-as1-101	Z1014392644	-13.1	0.385	456.54	REAL	NC(=O)Nc1cccc(NC(=O))C@H]2C[C@@H]3CCCC[C@@H]3N2C(=O)c2ccc3ccc3c2c1
vNsp14-as1-102	Z1024046328	-13.1	0.385	453.54	REAL	O=C1Nc2ccc2[C@@H]1C1CCN(C(=O))C@H]2CC(=O)N(c3ccc4ccc34)C2)CC1
vNsp14-as1-103	Z1088277222	-13.1	0.423	421.45	REAL	O=C(Nc1ccc2c3c(ccc13)CC2)N1CCN(C(=O)c2c1F)C2)CC1
vNsp14-as1-104	Z1116941372	-13.1	0.354	495.58	REAL	Cc1ccc2c(=O)[nH]c(COC(=O))C@H]3[C@@H]4CCCC[C@@H]4N3C(=O)c3ccc4ccc4c3)nc12
vNsp14-as1-105	Z1137562871	-13.1	0.354	497.57	REAL	O=C(NC1nc(-c2ccc(F)cc2)nH]1)C[C@@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1
vNsp14-as1-106	Z1161372620	-13.1	0.374	491.57	REAL	O=C1Coc2ccc(S(=O)(=O)N3CCN(C(=O))C@H]4C[C@@H]4c4ccc5ccc45)CC3)cc2N1
vNsp14-as1-107	Z1229898813	-13.1	0.409	445.54	REAL	Cc1nc(N2CCN(C(=O)c3ccc4c(=O)C(c)cc5ccc5)oc34)CC2)1
vNsp14-as1-108	Z131309068	-13.1	0.397	459.57	REAL	O=C(Nc1ccc(S(=O)(=O)N=C2CCCCN2)cc1)c1ccc2c(c1)-c1ccc1C2
vNsp14-as1-109	Z131405014	-13.1	0.364	482.58	REAL	O=C(c1ccc2ccc2c1)N1CCC(C(=O)N2CCN(c3c(=O)[nH]4c4ccc43)CC2)CC1
vNsp14-as1-110	Z1335516349	-13.1	0.423	438.51	REAL	CN1C(=O)CN(C(=O)C2CCN(C3=NS(=O)(=O)c4ccc43)CC2)c2ccc2c1
vNsp14-as1-111	Z1460191452	-13.1	0.468	370.42	REAL	C/C(=N)Nc1nc2c(cmm2C)c(=O)[nH]1)c1ccc2c(c1)C1ccc1-2
vNsp14-as1-112	Z1548046997	-13.1	0.397	447.47	REAL	CN1C(=O)N2C(CCN(C(=O)c3ccc(-n4ccc4-c4ccc(F)cc4)c3)CC2)C1=O
vNsp14-as1-113	Z1557772186	-13.1	0.397	439.56	REAL	O=C(N[C@@H]1CN(C(=O)c2ccc2)C[C@@H]2CCN1C2)C[C@@H]1C[C@@H]1c1ccc2ccc2c1
vNsp14-as1-114	Z1744193725	-13.1	0.452	382.46	REAL	O=C(C[C@@H]1C[C@@H]1c1ccc2ccc2c1)N1CC[C@@]2(C1)C(=O)Nc1ccc1c2
vNsp14-as1-115	Z1785158108	-13.1	0.409	421.46	REAL	O=C(c1ccc(-c2ccc3ccc23)mc2ccc12)N1CCn2c(n[H]e2=O)C1
vNsp14-as1-116	Z1888636115	-13.1	0.423	411.46	REAL	O=C(Nc1ccc(N2CCCC2=O)c1)c1ccc2c(=O)c3ccc3[nH]e1c2
vNsp14-as1-117	Z1891946723	-13.1	0.409	423.47	REAL	O=C(c1ccc(N2C(=O)N[C@@]3(C3C4ccc43)C2=O)c1)N1CCc2ccc2c1
vNsp14-as1-118	Z2001438856	-13.1	0.397	434.49	REAL	O=C1c2ccc2C(=O)N1c1ccc(C(=O)N2[C@@H]3C=C(c4ccc44)C[C@@H]2)CC3)C1
vNsp14-as1-119	Z220541284	-13.1	0.397	438.53	REAL	O=C(C[C@@H]1CC(=O)N(c2ccc3ccc23)C1)N1CCC(C@H]1c2nc3ccc3[nH]2)C1
vNsp14-as1-120	Z226646538	-13.1	0.385	451.53	REAL	Cc1c(C(=O)N2CCN(Cc3nc(N)4ccc4n3)CC2)oc2ccc1ccc1c2
vNsp14-as1-121	Z272395518	-13.1	0.374	495.98	REAL	O=C(Nc1ccc(F)c(-c2nc3n2CCCC3)c1)C[C@@H]1CCN(C(=O)c2ccc(C)cc2)C1
vNsp14-as1-122	Z2902834428	-13.1	0.385	468.54	REAL	S(=O)(=O)c1ccc(-c2nc(-c3ccc4ccc34)no2)c1)N1CCc2ccc2c1
vNsp14-as1-123	Z338860050	-13.1	0.364	497.52	REAL	O=C(C[C@@H]1CC(=O)N(c2ccc3c2)CC3)C1)N1CCC[C@H]1c2nc3ccc(C(F)F)en23)C1
vNsp14-as1-124	Z393677666	-13.1	0.385	454.49	REAL	O=C(Nc1ccc1n1nc2c(=O)[nH]e2c1)C[C@@H]1CC(=O)Nc2ccc3c2)CC3)C1
vNsp14-as1-125	Z730538216	-13.1	0.397	440.55	REAL	O=C(Cc1[nH]e2ccc12)N1CCN(C(=O)c2ccc3c4c(nH]e23)CCCC4)C1
vNsp14-as1-126	Z80469372	-13.1	0.364	477.57	REAL	O=C(C[C@@H]1CC(=O)N(c2ccc3c2)C2c2ccc2-3)C1)N1CCC(c2nc3ccc23)CC1
vNsp14-as1-127	Z806248884	-13.1	0.374	467.57	REAL	O=C(C[C@@H]1CC(=O)N(c2ccc3c2)C2c2ccc2-3)C1)N1CCC(C@H]1c2nc3n2CC3)C1
vNsp14-as1-128	Z910836024	-13.1	0.385	450.54	REAL	O=C(c1ccc(-c2ccc3ccc23)mc2ccc12)N1CC[C@@H]1N2CCN2=O)C1
vNsp14-as1-129	Z941605640	-13.1	0.354	489.53	REAL	O=C(N[C@@H]1C[C@@H]1c1ccc2ccc2c1)C(=O)Nc1ccc2c1)cc1ccc2ccc2c1
vNsp14-as1-130	Z955272326	-13.1	0.374	461.52	REAL	O=C(CCCc1ccc2c(c1)-c1ccc1C2)Nc1ccc1-n1nc2c(=O)[nH]e2c1
vNsp14-as1-131	Z973899764	-13.1	0.385	472.57	REAL	Cc1[nH]e1(NC(=O)c2ccc(S(=O)(=O)N3CC4ccc4cc3)cc2)c1-c1ccc1
vNsp14-as1-132	Z995643820	-13.1	0.409	433.55	REAL	NC(=O)C1CCN(C(=O))C@H]2C[C@@H]3CCCC[C@@H]3N2C(=O)c2ccc3ccc3c2)CC1
vNsp14-as1-133	Z995656030	-13.1	0.354	499.57	REAL	O=C(NNC(=O)C[C@@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1)C[C@@H]1c1ccc2ccc2c1
vNsp14-as1-134	Z995754372	-13.1	0.364	481.59	REAL	O=C1Nc2ccc2[C@@H]1CCN(C(=O))C@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1
vNsp14-as1-135	ZINC000001641983	-13.1	0.364	495.93	ZINC	O=C1C(C=Cc2ccc(C)cc2)N1C[C@@H]2N1N=C1N(C)C3[NH]1c1ccc1-c1ccc13
vNsp14-as1-136	ZINC000009595032	-13.1	0.364	495.93	ZINC	O=C1NC2=NN3C(=O)C(C=C4ccc4)C1=NN(C)C@H]3N2C1c1ccc1-c1ccc1c2
vNsp14-as1-137	ZINC000008832384	-13.1	0.423	470.32	ZINC	O=C(Nc1ccc(-c2c3ccc3cc2=O)c1)c1ccc2c(=O)cc2c1
vNsp14-as1-138	ZINC000008877857	-13.1	0.385	447.45	ZINC	O=C(Nc1ccc2c(c1)OC2)c1ccc2ccc3cc3n2c1)N1ccc1c3=O
vNsp14-as1-139	ZINC000009015957	-13.1	0.364	495.93	ZINC	O=C(C[C@@H]1C[C@@H]1C(=O)N(c3ccc(C)cc3)C1)C1CC(C=Cc3ccc3N2)N1nc2ccc2c1
vNsp14-as1-140	ZINC000012360361	-13.1	0.374	458.52	ZINC	O=C(Cc1ccc2ccc2c1)NN1C(=O)C[C@@H]2C[C@@H]1C1=O)C1c3ccc3c2c2ccc2c1
vNsp14-as1-141	ZINC000013164696	-13.1	0.354	496.52	ZINC	O=C1nm(-c2ccc2)c(=O)c2ccc2c1)N1CCN(C(=O))C[C@@H]2C3ccc3O2)CC1
vNsp14-as1-142	ZINC000014981104	-13.1	0.385	446.55	ZINC	Cn1c2ccc2c2ccc(C(=O)N3CCC(C4ccc(-c5ccc5)n4)CC3)ccc21
vNsp14-as1-143	ZINC000016037261	-13.1	0.364	495.93	ZINC	O=C(C[C@@H]1C[C@@H]2C(=O)N(c3ccc(C)cc3)C1)C[C@@H]2C[C@@H]2C=Cc3ccc3N1)nc2ccc2c1
vNsp14-as1-144	ZINC000019376520	-13.1	0.397	441.47	ZINC	O=C(c1ccc2ccc2F)nH]1)N1CC(Cc2nc(-c3ccc4ccc43)O)C2
vNsp14-as1-145	ZINC000026780145	-13.1	0.364	490.95	ZINC	O=C(NC1=CC=C[C@@H]2C(=O)c3ccc3c3(=O)C[C@@H]2)1c1ccc(-c2ccc2)mc2ccc2c1
vNsp14-as1-146	ZINC000029748612	-13.1	0.336	560.65	ZINC	C[C@@H]1CN(S(=O)(=O)c2ccc3cc4ccc4c3c2)CCN1S(=O)(=O)c1ccc2c3ccc3c2c1
vNsp14-as1-147	ZINC0000100504092	-13.1	0.423	404.51	ZINC	O=c1ccc2n1C[C@@H]1C[C@@H]2CN(Cc2ccc3ccc4ccc5ccc23c45)C1
vNsp14-as1-148	ZINC0000100737708	-13.1	0.397	431.45	ZINC	O=C(Nc1ccc2c1C(=O)C[C@@H]1C=C=C[C@@H]1C2=O)c1ccc2c1)cc1ccc2ccc2c1
vNsp14-as1-149	ZINC0000104480060	-13.1	0.364	490.95	ZINC	O=C(NC1=CC=C[C@@H]2C(=O)c3ccc3c3(=O)C[C@@H]12)c1ccc(-c2ccc2)mc2ccc2c1
vNsp14-as1-150	ZINC0000208180070	-13.1	0.354	498.58	ZINC	Cc1c2ccc3c2c2c(C)C(C(=O)N4[C@@H]5C[C@@H]6[C@@H]7[C@@H]8[C@@H]9[C@@H]10)ccc45(=O)cc12)CCCC3
vNsp14-as1-151	ZINC0000408975099	-13.1	0.374	451.49	ZINC	O=C(Nc1ccc2ccc2c1)c1ccc2nc3c4ccc4c4ccc4c3)me21
vNsp14-as1-152	PV-001798861712	-13.0	0.419	415.49	REAL	Cc1ccc(N2C[C@@H]1C(=O)N(NC(=O)c3ccc4ccc43)CCC2=O)cc1C
vNsp14-as1-153	Z100034794	-13.0	0.371	465.52	REAL	C/C(=N)Nc1nc2ccc2c1)c1ccc(NC(=O)C[C@@H]2Nc3ccc3N2=O)cc1
vNsp14-as1-154	Z1000673822	-13.0	0.371	469.58	REAL	O=C(N[C@@H]1C1CCN(C(=O)c2ccc2)C1)C1CCN(C(=O)c2ccc3ccc3c2)CC1
vNsp14-as1-155	Z1014389548	-13.0	0.382	474.63	REAL	O=C(C[C@@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1)N1CCN(c2ccc2)CC1
vNsp14-as1-156	Z1014448996	-13.0	0.351	496.57	REAL	O=C(Nc1ccc(N2C(=O)CNC2=O)c1)C[C@@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1
vNsp14-as1-157	Z1030514170	-13.0	0.361	479.58	REAL	O=C(Nc1ccc(-c2ccc2)nH]1)C[C@@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1
vNsp14-as1-158	Z1070904338	-13.0	0.351	497.55	REAL	C[C@@H]1Occc2c(C(=O)C3CCN(C[C@@H]4CC(=O)N(c5ccc6ccc65)CC4=O)CC3)ccc2N1=O
vNsp14-as1-159	Z1101912578	-13.0	0.361	475.50	REAL	O=C(Nc1ccc(N2C(=O)c3ccc3c2=O)c1)C[C@@H]1CC(=O)Nc2ccc3ccc23)C1
vNsp14-as1-160	Z1128906577	-13.0	0.361	482.54	REAL	O=C(Nc1ccc(-c2noc(=O)[nH]e2c1)C[C@@H]1C[C@@H]2CCCC[C@@H]2N1C(=O)c1ccc2ccc2c1
vNsp14-as1-161	Z115124260	-13.0	0.351	498.56	REAL	Cc1nmn1-c1ccc(F)c(NC(=O)C[C@@H]2C[C@@H]3CCCC[C@@H]3N2C(=O)c2ccc3ccc3c2)c1
vNsp14-as1-162	Z1161374423	-13.0	0.371	489.55	REAL	O=C1COC2ccc(S(=O)(=O)N3CCN(C(=O)c4ccc5e(4)-c4ccc45)CC3)cc2N1
vNsp14-as1-163	Z1225982700	-13.0	0.406	421.46	REAL	Cc1[nH]e1C1(=O)N(NC(=O)c1ccc(-c2ccc3ccc23)mc2ccc1c2
vNsp14-as1-164	Z1239575359	-13.0	0.419	409.49	REAL	CN1C[C@@H]1N(C(=O)c2ccc(-c3ccc4ccc34)mc3ccc23)CC1=O
vNsp14-as1-165	Z1246317385	-13.0	0.406	425.49	REAL	C[C@@H]1(c2ccc3ccc3c2)NC(=O)N(C(=O)N2[C@@H]3CC[C@@H]3c2ccc23)C1=O
vNsp14-as1-166	Z1257205965	-13.0	0.448	379.42	REAL	Cc1nc(NC(=O)c2ccc(-c3ccc4ccc34)mc3ccc23)nH]1
vNsp14-as1-167	Z1333927156	-13.0	0.419	405.46	REAL	O=C(c1ccc(-c2ccc3ccc23)mc2ccc12)N1CC2n[nH]e2C1
vNsp14-as1-168	Z1391356563	-13.0	0.406	448.88	REAL	O=C(c1ccc2c(c1)C(=O)Nc1ccc1C1)C2=O)N1CC[C@@H]1c2ccc(F)cc2)C1
vNsp14-as1-169	Z1544053298	-13.0	0.406	434.54	REAL	NC(=O)N[C@@H]1CCN(C(=O)C[C@@H]2C[C@@H]3CCCC[C@@H]3N2C(=O)c2ccc3ccc3c2)C1
vNsp14-as1-170	Z1546762676	-13.0	0.406	426.52	REAL	O=C(c1ccc2ccc2nH]1)N1CCN(c2nc3ccc3nc2)CC2)CC1
vNsp14-as1-171	Z1550852113	-13.0	0.394	443.55	REAL	O=C1C[C@@H]1(C[C@@H]2CCCCN2C(=O)C[C@@H]2CC(=O)N(c3ccc4c3)C3ccc3c3-4)CC)CN1
vNsp14-as1-172	Z1610573037	-13.0	0.433	403.45	REAL	Cc1ccc2ccc2n1NNC(=O)C1CCN(c2ccc3mmn3)CC1
vNsp14-as1-173	Z1637941305	-13.0	0.394	447.49	REAL	Cc1ccc2(cc1NC(=O)N1CC[C@@H]3[nH]e3NC(=O)c3ccc3)C1)OC2
vNsp14-as1-174	Z1646012510	-13.0	0.433	397.44	REAL	c1ccc2c(-c3mc(C4CCN(c5ccc6mm6n5)CC4=O)3)ccc2c1
vNsp14-as1-175	Z1685323575	-13.0	0.394	436.47	REAL	Cc1nm(-c2ccc(-c3noc(C[C@@H]4CC(=O)N(c5ccc6ccc65)CC4n3)cc2)nH]1
vNsp14-as1-176	Z1744183511	-13.0	0.406	425.49	REAL	O=C(C[C@@H]1CC(=O)N(c2ccc3ccc23)C1)N1CC[C@@H]2C[C@@H]3CCCC[C@@H]3N1c1ccc1c2
vNsp14-as1-177	Z1751213636	-13.0	0.406	418.50	REAL	O=C(N[C@@H]1CN2ccc2c1)c1ccc(-c2ccc3ccc23)mc2ccc1c2
vNsp14-as1-178	Z1771463627	-13.0	0.394	449.39	REAL	O=C(Nc1[nH]e1C2ccc(F)cc2c1)cc1ccc(F)cc2c(=O)c3ccc(F)cc3)nH]e1c2
vNsp14-as1-179	Z1847258694	-13.0	0.394	430.47	REAL	O=C(NNc1nc2ccc2n1)c1ccc(-c2ccc3ccc23)mc2ccc1c2
vNsp14-as1-180	Z1888525474	-13.0	0.406	423.48	REAL	O=C(c1ccc2c(=O)c3ccc3[nH]e12)N1CC(Cc2nc3ccc23)CC1
vNsp14-as1-181	Z1888618764	-13.0	0.394	447.44	REAL	O=C(c1ccc(F)cc(F)1)CCN(C(=O)c2ccc3c(=O)c4ccc4[nH]e23)CC1
vNsp14-as1-182	Z1889103014	-13.0	0.394	439.47	REAL	O=C(c1ccc2c(=O)c3ccc3[nH]e12)N1CCc2ccc2n2CC2=O)C1
vNsp14-as1-183	Z1889182194	-13.0	0.419	416.39	REAL	O=C(Nc1ccc(-c2ccc(F)cc2)nH]1)c1ccc2c(=O)c3ccc3[nH]e1c2
vNsp14-as1-184	Z1899264296	-13.0	0.419	411.46	REAL	CC(=O)N1CC[C@@H]1N(C(=O)c2ccc3c(=O)c4ccc4[nH]e23)ccc2c1
vNsp14-as1-185	Z2087363682	-13.0	0.433	396.41	REAL	O=C1N[C@@]2(Cc3ccc3c2)C(=O)N1c1ccc(-c2ccc3ccc3c2)nm1
vNsp14-as1-186	Z2160281124	-13.0	0.406	420.43	REAL	Cc1nm(-c2ccc2)c2ccc(-c3nc(-c4c(=O)[nH]e5ccc5)nc3)cc1
vNsp14-as1-187	Z225655128	-13.0	0.382	492.00	REAL	O=C(c1ccc(C)cc(S(=O)(=O)N2CCc3ccc3c2)c1)N1CCc2[nH]e3ccc3c2c1
vNsp14-as1-188	Z2642635500	-13.0	0.433	397.48	REAL	Cc1ccc(-c2nnc2)C[C@@H]1C(=O)Nc2ccc4ccc(C)cc24)CC3)C1
vNsp14-as1-189	Z294044008	-13.0	0.382	471.58	REAL	O=C(c1c2nc3ccc3c1)CC2)N1CCN(S(=O)(=O)c2ccc3ccc3c2)CC1
vNsp14-as1-190	Z362739648	-13.0	0.361	475.55	REAL	O=C(c1ccc(C(=O)N2CCc3[nH]e4ccc4c3c2)n1)N1CCc2[nH]e3ccc3c2c1
vNsp14-as1-191	Z367232120	-13.0	0.371	488.61	REAL	Cc1ccc2c(S(=O)(=O)N3CCN(C(=O)c4ccc5ccc5)CC4=O)CC3)ccc2c1
vNsp14-as1-192	Z367596726	-13.0	0.406	445.54	REAL	Cc1ccc(N2CCN(C(=O)c3ccc4c(=O)C(c)cc5ccc5)oc34)CC2)1
vNsp14-as1-193	Z367877800	-13.0	0.371	475.57	REAL	Cc1ccc(C(=O)N2CCCC[C@@H]1C(=O)Nc3ccc(F)cc(-c4nc5n4CCCC5)c3)CC2)cc1
vNsp14-as1-194	Z368268116	-13.0	0.371	476.58	REAL	Cc1ccc(C(=O)N2CCCC[C@@H]1C(=O)Nc3ccc(F)cc(-c4nc5n4CCCC5)c3)CC2)cc1
vNsp14-as1-195	Z394502078	-13.0	0.394	437.46	REAL	Cc1c(-c2ccc2)oc2c(C(=O)N3ccc(-n4mnc4)CC3)ccc2c1=O
vNsp14-as1-196	Z413316676	-13.0	0.351	498.63	REAL	C[C@@H]1C[C@@H]1C(=O)c2ccc2N(C(=O)N2CCN(C(=O)c3ccc4ccc34)CC2)C1
vNsp14-as1-197	Z462192646	-13.0	0.			

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp15-as1-1	Z2371500224	-11.3	0.39	390.481	REAL	O=C1CCCC2ccc(NC(=O)N3CCC[C@]4(C3)OC3cccc34)cc21
vNsp15-as1-2	Z1171598144	-11.2	0.35	426.435	REAL	Cc1nnc2[nH]nnc(NC(=O)c3ccc4c(c3)C(=O)N(Cc3ccc3)C4=O)c2c1
vNsp15-as1-3	ZINC000107765190	-11.2	0.303	480.585	ZINC	O=C(C=C)C1cc[n+](C1)C(=O)2ccc3ccc4c3c2CC4c1c1ccc2ccc3c2c1CC3
vNsp15-as1-4	Z1101835374	-11.1	0.308	475.503	REAL	O=C(Nc1ccc(N2C(=O)c3ccc3C2=O)cc1)C@H]1CC(=O)N(c2ccc3ccc23)C1
vNsp15-as1-5	Z1128651011	-11.1	0.347	426.514	REAL	CC(=O)N1Cc2ccc2C[C@]H]1C(=O)Nc1ccc(-c2ccc3e2)C3C3c1
vNsp15-as1-6	Z1170162723	-11.1	0.326	446.429	REAL	O=c1nc2c(-c3nc(-c4ccc(-n5nc6ccc65)nc4)no3)c[nH]n2ccc12
vNsp15-as1-7	Z2111575407	-11.1	0.37	406.48	REAL	CC1(C)CC(=O)c2ccc(NC(=O)N3CCC[C@]4(C3)OCc3ccc34)ccc2O1
vNsp15-as1-8	Z2371498431	-11.1	0.383	390.481	REAL	O=C1CCCC2ccc(NC(=O)N3CCO[C@]4(C3)OC5ccc54)C3cc21
vNsp15-as1-9	Z2902669716	-11.1	0.347	424.394	REAL	O=C1ccc2ccc(F)ccc2c1-c1nc(-c2ccc(-n3nc4ccc43)nc2)no1
vNsp15-as1-10	ZINC000002267002	-11.1	0.358	406.396	ZINC	O=c1oc2ccc3ccc3c2c1-c1nnc(-c2ccc3ccc3c2)O1
vNsp15-as1-11	PV-001940740368	-11	0.344	456.609	REAL	C[C@H](CNC(=O)Nc1ccc(S(=O)(=O)N[C]C@H]1C)C@H]2[C]C@H]3CC[C@H]2)C1c1cccnc1
vNsp15-as1-12	Z1683114726	-11	0.344	436.373	REAL	NC(=O)c1ccc(-c2nnc(-c3ccc(NC(=O)c4ccc(F)cc(F)cc4)cc3)no2)cc1
vNsp15-as1-13	Z1766495345	-11	0.333	435.486	REAL	O=C1ccc2[nH]c3ccc3c(=O)c2c1)N1CCC[C@H]1c1nc(-c2ccc2)n[nH]1
vNsp15-as1-14	Z1891230343	-11	0.333	448.388	REAL	Cc1nnc2ccc(-c3nnc(-c4ccc(NC(=O)c5ccc(F)cc(F)cc5)cc4)no3)cc12
vNsp15-as1-15	Z2176007556	-11	0.344	446.482	REAL	O=C(NS(=O)(=O)c1ccc2c(c1)C(=O)CC2)c1ccc2[nH]c3ccc3c(=O)c2c1
vNsp15-as1-16	Z2902672984	-11	0.314	468.491	REAL	O=C1ccc(F)cc1)N1CCC[C@]H]1c2nc(-c3ccc(-n4nc5ccc54)nc3)no2)C1
vNsp15-as1-17	Z2902673513	-11	0.314	464.528	REAL	Cc1ccc(C(=O)N2CCC[C@]H]1c3nc(-c4ccc(-n5nc6ccc65)nc4)no3)CC2cc1
vNsp15-as1-18	ZINC00000415296	-11	0.289	493.477	ZINC	O=c1nc2ccc4ccc4cc(=O)n2c2cc(N5C(=O)c6ccc7ccc7c6)C5=O)ccc12c43
vNsp15-as1-19	ZINC00002504887	-11	0.355	415.448	ZINC	O=C(Nc1ccc2c(c1)OC2)Nc1ccc2c(c1)CCN2C(=O)O1ccc1
vNsp15-as1-20	ZINC000247889806	-11	0.289	498.58	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H]4C=Cc5ccc6ccc5N4[C@]H]1C(=O)c4ccc4)C@H]3C2=O)c(C)C1
vNsp15-as1-21	ZINC000247889819	-11	0.289	498.58	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H]4C=Cc5ccc6ccc5N4[C@]H]1C(=O)c4ccc4)C@H]3C2=O)c(C)C1
vNsp15-as1-22	ZINC000408674328	-11	0.297	494.545	ZINC	CC1=CC[C@]H]2[C@]H]1C(=O)N(c3ccc(O)C(=O)[C@]H]4C(=O)N(c5ccc6ccc65)C4)C3(=O)[C@]H]2C1
vNsp15-as1-23	Z1472863826	-10.9	0.352	429.495	REAL	O=C(NC[C@H]1[C]C@H]2[C]C3ccc3c1[C]H]2)1c1ccc2c(c1)S(=O)(=O)1ccc2c1
vNsp15-as1-24	Z154987944	-10.9	0.363	423.452	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CCC[C@]H]1c4nn[nH]4)C3ccc21
vNsp15-as1-25	Z1684428213	-10.9	0.321	445.441	REAL	O=C1nc2c(-c3nc(-c4ccc(-n5nc6ccc65)nc4)no3)c[nH]n2ccc12
vNsp15-as1-26	Z1685085222	-10.9	0.321	449.469	REAL	O=C1[C]C@H]1c2nc(-c3ccc4[nH]c(=O)[nH]c4c3)no2)CN1ccc2c(c1)C1ccc1-2
vNsp15-as1-27	Z1685180149	-10.9	0.33	447.4	REAL	Cn1ncc2ccc(-c3nnc(-c4ccc(NC(=O)c5ccc(F)cc(F)cc5)cc4)no3)cc21
vNsp15-as1-28	Z1764809309	-10.9	0.33	437.541	REAL	C[C@H]1c2ccc2N1C1CCN(C(=O)c2ccc3[nH]c4ccc4c(=O)c3c2)CC1
vNsp15-as1-29	Z1831525989	-10.9	0.376	388.418	REAL	O=C1[C]C@H]1(C(=O)O)c2ccc3c4c(=O)c3cc2)CC3CC4=O1ccc1
vNsp15-as1-30	Z1890698064	-10.9	0.352	434.475	REAL	O=c1ccc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4)C3)no2)cc1[nH]1
vNsp15-as1-31	Z1890947874	-10.9	0.352	423.374	REAL	Cc1ccc(-c2nnc(-c3ccc(NC(=O)c4ccc(F)cc(F)cc4)cc3)no2)cc1O
vNsp15-as1-32	Z2160715108	-10.9	0.33	447.4	REAL	Cc1ccc2nnc(-c3nnc(-c4ccc(NC(=O)c5ccc(F)cc(F)cc5)cc4)no3)cc21
vNsp15-as1-33	Z2193901914	-10.9	0.33	434.458	REAL	O=C1[C]C@H]1c2nc(-c3ccc4[nH]nnc43)no2)CN1ccc2c(c1)Cc1ccc1-2
vNsp15-as1-34	Z2924351844	-10.9	0.341	446.569	REAL	CC(=O)N1CCC2ccc2S(=O)(=O)N3CC=C(c4ccc5ccc45)CC3ccc21
vNsp15-as1-35	ZINC000033821753	-10.9	0.341	442.901	ZINC	O=C1[C]C@H]2[C]C@H]3[C]C@H]4(C=C5ccc5C1)=N[C]C@H]34)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-36	ZINC000036569539	-10.9	0.33	477.346	ZINC	O=C1[C]C@H]2[C]C@H]3[C]C@H]4(C=C5ccc5C1)=N[C]C@H]34)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-37	ZINC000036569540	-10.9	0.33	477.346	ZINC	O=C1[C]C@H]2[C]C@H]3[C]C@H]4(C=C5ccc5C1)=N[C]C@H]34)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-38	ZINC000100504092	-10.9	0.352	404.512	ZINC	O=c1ccc2n1[C]C@H]1C]C@H]2CN(Cc2ccc3ccc4ccc3cc2c345)C1
vNsp15-as1-39	ZINC000104268210	-10.9	0.279	511.58	ZINC	Cc1ccc(N2C(=O)[C@]H]3[C@]H]2C(=O)[C@]H]4C4ccc4C=NN2[C@]H]3C(=O)c2ccc(-c3ccc3)cc2cc1
vNsp15-as1-40	ZINC000408674321	-10.9	0.295	494.545	ZINC	CC1=CC[C@]H]2[C@]H]1C(=O)N(c3ccc(O)C(=O)[C@]H]4C(=O)N(c5ccc6ccc65)C4)C3(=O)[C@]H]2C1
vNsp15-as1-41	PV-001809673564	-10.8	0.36	424.927	REAL	O=C1CCCC2ccc(NC(=O)[C]H]3CCCN(C(=O)c4ccc(F)cc4)C3cc21
vNsp15-as1-42	PV-001809673564	-10.8	0.36	408.472	REAL	O=C1CCCC2ccc(NC(=O)[C]H]3CCCN(C(=O)c4ccc(F)cc4)C3cc21
vNsp15-as1-43	Z1101911578	-10.8	0.292	485.502	REAL	O=C(Nc1ccc(N2C(=O)c3ccc3C2=O)c1)lc1nc(-c2ccc2)nc1-c1ccc1
vNsp15-as1-44	Z1101912984	-10.8	0.3	478.507	REAL	O=C(Nc1ccc(N2C(=O)c3ccc3C2=O)c1)lc1ccc2c(=O)nc3nc2e1)CCCC3
vNsp15-as1-45	Z1310411852	-10.8	0.327	439.47	REAL	CN1C(=O)CCN(CC(=O)Nc2ccc3c2(c2)C(=O)c2ccc2C3=O)c2ccc2c1
vNsp15-as1-46	Z1672800391	-10.8	0.327	443.458	REAL	O=C(C1ncc(-c2ccc(Cc3ccc3)ccc2)no1)Nc1ccc2c(c1)OCCO2
vNsp15-as1-47	Z1685440054	-10.8	0.338	423.431	REAL	Cc1ncc2nnc(-c3ccc3)cc(-c3nc(-c4ccc5c4)C3C(=O)N5)no3)cc12
vNsp15-as1-48	Z1890694891	-10.8	0.36	420.448	REAL	O=c1ccc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4)C3)no2)cc1n1
vNsp15-as1-49	Z1890696255	-10.8	0.36	440.503	REAL	O=c1ccc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4)C3)no2)cc1n1
vNsp15-as1-50	Z18916705669	-10.8	0.36	396.405	REAL	Oc1ccc(Cc2ccc2)cc1-c1nc(-c2nnc(-c3ccc3)no2)no1
vNsp15-as1-51	Z2087182409	-10.8	0.327	446.505	REAL	CC1(C)CC(=O)c2ccc(NC(=O)[C]H]3CCCN(C(=O)c4ccc5[nH]nccc54)C3)ccc2O1
vNsp15-as1-52	Z2159536687	-10.8	0.327	443.462	REAL	O=C1NC2(CCCC2)C(=O)N1CC1ncc(-c2ccc3[nH]c4ccc4c(=O)c3c2)no1
vNsp15-as1-53	Z2372630308	-10.8	0.372	390.481	REAL	O=C1CCCC2ccc(NC(=O)[C]H]3CCCN(C(=O)c4ccc4)C3)ccc21
vNsp15-as1-54	Z2902834428	-10.8	0.318	468.536	REAL	O=S(=O)c1ccc(-c2nc(-c3nccc4ccc34)no2)c1)N1CC2ccc2C1
vNsp15-as1-55	Z2903526595	-10.8	0.309	497.506	REAL	Cc1c(-c2nnc(-c3ccc(S(=O)(=O)N4C5ccc5C]C@H]4)ccc3F)no2)cc1)no1)N1c1
vNsp15-as1-56	Z68555782	-10.8	0.327	474.564	REAL	O=S(=O)(c1ccc(-c2nnc(-c3ccc4ccc4n3)no2)es1)N1CC2ccc2C1
vNsp15-as1-57	ZINC000004522763	-10.8	0.3	472.455	ZINC	Nc1c(C(=O)Nc2ccc3c2(C(=O)c2ccc2C3=O)ccc2c1)C(=O)1ccc1C2=O
vNsp15-as1-58	ZINC000008855796	-10.8	0.309	496.005	ZINC	O=C1ccc(C)cc1)N1CCC(C(=O)N2[C]C@H]1C)C(=O)N3CCCC3)O3ccc2C2)CC1
vNsp15-as1-59	ZINC000009410849	-10.8	0.338	427.459	ZINC	Cc1ccc2c(cc2cc=O)c1CC(=O)N=C1[nH]c2ccc22[nH]1)oc1c3CCCC1
vNsp15-as1-60	ZINC000198754475	-10.8	0.3	464.475	ZINC	O=C1c2ccc2C(=O)C2=C3C=C4C=C5C(=O)C(=O)c6ccc6C5=O)C5=C=C(=1)2]C@H]3[C]C@H]4
vNsp15-as1-61	ZINC000263580532	-10.8	0.318	459.592	ZINC	O=C1(C[C@]H]1CC(=O)N(c2[nH]c3ccc3c2)C1)N1CCC2=C]C@H]3[C]C@H]1C)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-62	ZINC000952862600	-10.8	0.27	542.638	ZINC	O=C1(C[C@]H]1C2ccc2C(=O)N)N1CCC2(Cc3nnc3)CCO3ccc3c(=O)C3)CC2)O)CC1
vNsp15-as1-63	PV-001838744249	-10.7	0.324	447.44	REAL	C[C@H](CNC(=O)C)=NN(c2ccc(F)cc2)C(=O)CC1=O)ccc1(-c2ccc2)F2cc1
vNsp15-as1-64	Z109823584	-10.7	0.289	496.561	REAL	O=C1O[C]H]1(c2ccc2)C2ccc(C(=O)N3[C]C@H]1C)C(=O)N4CCCC4)O4ccc443)ccc21
vNsp15-as1-65	Z1098711057	-10.7	0.345	414.395	REAL	O=C(Nc1n[nH]c2ccc(F)cc12)c1ccc2c(c1)C(=O)N(Cc1ccc1)C2=O
vNsp15-as1-66	Z118359034	-10.7	0.324	443.502	REAL	C[C@H]1O[C]2ccc(NC(=O)[C]H]3CCCN(C(=O)c4ccc5ccc45)CC3)ccc2N1=O
vNsp15-as1-67	Z1199918128	-10.7	0.345	430.443	REAL	O=C(NNc1enn2ccc12)c1ccc2c(c1)S(=O)(=O)1ccc1C2=O
vNsp15-as1-68	Z1217404649	-10.7	0.334	446.569	REAL	O=C1ccc(S(=O)(=O)N2Cc3ccc3C2)cc1)N1CC2ccc2CC1
vNsp15-as1-69	Z1391747360	-10.7	0.357	414.44	REAL	O=C(Nc1ccc2ccc12)c1ccc2c(c1)S(=O)(=O)1ccc1C2=O
vNsp15-as1-70	Z1392039560	-10.7	0.334	447.518	REAL	Cc1ccn2(NC(=O)c3ccc(S(=O)(=O)N4CC5ccc5c4)C3)nn2c1
vNsp15-as1-71	Z1420695816	-10.7	0.357	439.519	REAL	O=C(Nc1ccc2[nH]nnc12)c1ccc(S(=O)(=O)N2Cc3ccc3C2)cc1
vNsp15-as1-72	Z1450512667	-10.7	0.345	436.506	REAL	C[C@]H]1C2ccc2N1S(=O)(=O)c1ccc(C(=O)N2Cc3ccc(F)cc32)c1
vNsp15-as1-73	Z1664491368	-10.7	0.345	415.452	REAL	Cc1ccc(C(=O)N2CCC[C@]H]1c3nnc(-c4nnc(-c5ccc5)no4)no3)C2cc1
vNsp15-as1-74	Z1672832607	-10.7	0.345	405.416	REAL	O=C1ccc2ccc2c1-c1nc(-c2ccc(-n3nc4ccc43)nc2)no1
vNsp15-as1-75	Z1672836099	-10.7	0.345	424.362	REAL	Cc1ccc(-c2nnc(-c3ccc(NC(=O)c4ccc(F)cc(F)cc4)cc3)no2)cc1
vNsp15-as1-76	Z1697483552	-10.7	0.334	423.467	REAL	O=C1O[C]C@H]1(c2ccc2)C2ccc(C(=O)N3[C]C@H]1C)C(=O)N4CCCC4)O4ccc443)ccc21
vNsp15-as1-77	Z1771001447	-10.7	0.315	448.485	REAL	O=C(NNc1nc(-c2ccc2)nc2)C2C1ccc2[nH]c3ccc3c(=O)c2c1
vNsp15-as1-78	Z1832393247	-10.7	0.334	448.542	REAL	CC(C)ccc(S(=O)(=O)c2ccc(NNC(=O)[C]H]3CC(=O)c4ccc443)cc2)cc1
vNsp15-as1-79	Z1834344842	-10.7	0.345	414.395	REAL	O=C(Nc1n[nH]c2ccc(F)cc12)c1ccc2c(c1)C(=O)N(Cc1ccc1)C2=O
vNsp15-as1-80	Z1890696519	-10.7	0.345	434.475	REAL	O=c1ccc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4)C3)no2)cc1[nH]1
vNsp15-as1-81	Z1890836632	-10.7	0.334	448.506	REAL	Cc1ncc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4)C3)no2)cc1n1
vNsp15-as1-82	Z1890863389	-10.7	0.345	427.337	REAL	O=C(Nc1ccc(-c2nc(-c3ccc(O)c(F)cc3)no2)c(O)c1)ccc(F)cc1
vNsp15-as1-83	Z1957565450	-10.7	0.382	396.848	REAL	O=C1Nc2ccc1ccc2C1=C1CCN(C(=O)[C]H]2C3ccc(F)cc3)CC1
vNsp15-as1-84	Z1957565505	-10.7	0.357	420.939	REAL	O=C1Nc2ccc1ccc2C1=C1CCN(C(=O)[C]H]2[C]C@H]3[C]C@H]4(C=C5ccc5C1)=N[C]C@H]34)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-85	Z1983288167	-10.7	0.357	406.488	REAL	Cc1ccc(C)cc1-n1nnc1CN1C(=O)N[C]C@H]2[C]C@H]3[C]C@H]2)C@H]2)CC1(C)C@H]3)C1=O
vNsp15-as1-86	Z2032280889	-10.7	0.334	448.542	REAL	O=C1CC1(C[C]H]1(C(=O)N2CCN(S(=O)(=O)c3ccc4ccc43)CC2)ccc2cc1
vNsp15-as1-87	Z2072436656	-10.7	0.357	420.444	REAL	O=C(NS(=O)(=O)c1ccc2c(c1)C(=O)NCC2)c1ccc2c(c1)oc1ccc12
vNsp15-as1-88	Z2073244436	-10.7	0.345	438.434	REAL	O=C1CC2ccc(S(=O)(=O)N)CC(=O)c3ccc4c(c3)ccc3ccc4)F)cc2N1
vNsp15-as1-89	Z2111557687	-10.7	0.357	406.48	REAL	CC1(C)CC(=O)c2ccc(NC(=O)N3CCO[C@]4(C3)OC5ccc54)C3cc2O1
vNsp15-as1-90	Z2156994494	-10.7	0.324	435.482	REAL	O=C1ccc(N2C(=O)c3ccc3C2=O)cc1)N1CCC2ncc2c3ccc32)CC1
vNsp15-as1-91	Z2172073698	-10.7	0.324	440.458	REAL	O=C1[C]C@H]2[C]C@H]3[C]C@H]4(C=C5ccc5C1)=N[C]C@H]34)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-92	Z2172725179	-10.7	0.324	447.533	REAL	CNC(=O)[C]H]1CCCN(C(=O)C2[C]C@H]3[C]C@H]4(C=C5ccc5C1)=N[C]C@H]34)C@H]2C(=O)N1ccc2ccc2c1
vNsp15-as1-93	Z2193900194	-10.7	0.345	438.511	REAL	C[C]H]1[C]C@H]1(C)C]C]N(S(=O)(=O)c2ccc(-c3nc(-c4ccc5[nH]nccc54)no3)C2)C1
vNsp15-as1-94	Z2233254101	-10.7	0.345	433.447	REAL	Cc1nnc2[nH]nnc(NC(=O)c3ccc4c(c3)S(=O)(=O)c3ccc3cc4)O)c2c1
vNsp15-as1-95	Z2902672344	-10.7	0.345	409.448	REAL	Oc1ccc2c(c1-c1nc(-c3ccc(-n4nc5ccc54)nc3)no2)CC2c1
vNsp15-as1-96	Z2902834278	-10.7	0.324	474.564	REAL	O=C1ccc2ccc2c1-c1nc(-c2ccc4ccc43)

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp15-as1-101	Z408842844	-10.7	0.297	485.58	REAL	COc1ccc(NC(=O)[C@H]2CCCN(C(=O)c3ccc4ccc34)C2)cc1N1CCCC1=O
vNsp15-as1-102	Z686120320	-10.7	0.315	470.55	REAL	Cn1cc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4c3)O)2)c2ccc21
vNsp15-as1-103	Z872896364	-10.7	0.334	424.50	REAL	O=C(Nc1cc(-c2ccc2)n1H)[C@H]1CCCCN(C(=O)c2ccc3ccc23)C1
vNsp15-as1-104	ZINC00001333979	-10.7	0.315	460.51	ZINC	Cc1ccc(C)c2nnc3c2nc1[C@H]2CCCN(C(=O)c4ccc(F)c4)C2)nHj3=Oe1
vNsp15-as1-105	ZINC00001641983	-10.7	0.297	495.93	ZINC	O=C1C(C/C=C/e2cc(C)cc2)=NN[C@H]2N1N=C1N=C(O)C3(NN12)c1ccc(-c1-ccc13
vNsp15-as1-106	ZINC00001641985	-10.7	0.297	495.93	ZINC	O=C1C(C/C=C/e2cc(C)cc2)=NN[C@H]2N1N=C1N=C(O)C3(NN12)c1ccc(-c1-ccc13
vNsp15-as1-107	ZINC00005955034	-10.7	0.297	495.93	ZINC	O=C1NC2=NN3C(O)C(C=Cc4ccc(C)cc4)=NN[C@H]3N2NC12c1ccc(-c1-ccc12
vNsp15-as1-108	ZINC000012863378	-10.7	0.274	525.64	ZINC	Cc1c2ccc(OCc3ccc4ccc43)cc2oc(=O)c1CCC(=O)N1CC[C@H]2(O)CCCC[C@H]2C1
vNsp15-as1-109	ZINC000039742926	-10.7	0.324	434.45	ZINC	O=C(Nc1nnc(-c2ccc2)O)1c1ccc(NC(=O)c2ccc3ccc32)c1
vNsp15-as1-110	ZINC000408674180	-10.7	0.297	476.49	ZINC	O=C(Oc1ccc(N2C(=O)c3ccc3C2=O)cc1)[C@H]1C1(=O)N(c2ccc3ccc32)C1
vNsp15-as1-111	ZINC000408997472	-10.7	0.334	417.51	ZINC	O=C(O)c1ccc2c1N[C@H](c1ccc3c4(ccc4)CC3)[C@H]1C3ccc3c3[C@H]21
vNsp15-as1-112	PV-001804636098	-10.6	0.312	458.56	REAL	Cc1ccc(NC(=O)[C@H]2CCCN(C(=O)c3ccc4ccc34)C2)cc1NC(=O)N(C)C
vNsp15-as1-113	PV-001948844490	-10.6	0.442	346.39	REAL	O=C(NC[C@H]1[C@H]2[C@H]1[C@H]1[C@H]1[C@H]2)N[C@H](C)[C@H]1CCCCO1(C)(F)(F)
vNsp15-as1-114	Z1014961746	-10.6	0.321	461.54	REAL	O=C1CN(S(=O)(=O)c2ccc(C(=O)N)3C4ccc4c4-c4ccc4C3)c2CCN1
vNsp15-as1-115	Z1024047402	-10.6	0.286	493.56	REAL	Cc1ccc(C)c2c1O)c3ccc(C(=O)N4CCC(C(=O)@H)5C(=O)N6ccc6c5)C4)c3c2=Oe1
vNsp15-as1-116	Z1095050644	-10.6	0.321	440.51	REAL	Cc1ccc(C(=O)N2CCC[C@H]1[C@H](C(=O)Nc3nc(-c4ccc5ccc5n4)nHj3)C2)cc1
vNsp15-as1-117	Z1095050702	-10.6	0.312	454.53	REAL	Cc1ccc(C(=O)N2CCC[C@H]1[C@H](C(=O)Nc3nc(-c4ccc5ccc5n4)nHj3)C2)cc1
vNsp15-as1-118	Z1102048968	-10.6	0.312	466.52	REAL	O=C1c2ccc2C(=O)N1c1ccc(NS(=O)(=O)c2ccc3c(=O)C2)ccc2-3c1
vNsp15-as1-119	Z1130669518	-10.6	0.312	481.57	REAL	O=C1NC(=O)c2cc(C(=O)N3CCN(S(=O)(=O)c4ccc(C5CCCC5)cc4)CC3)cc21
vNsp15-as1-120	Z1171597924	-10.6	0.321	440.46	REAL	Cc1nnc2nHjnc(NC(=O)c3ccc4c(c3)C(=O)N(Cc3ccc3)C4=O)c21C
vNsp15-as1-121	Z1171598595	-10.6	0.331	426.44	REAL	Cc1nnc2nHjnc(NC(=O)c3ccc(CN4C(=O)c5ccc5c4=O)c3)cc21C
vNsp15-as1-122	Z118348250	-10.6	0.321	441.49	REAL	CN1C(=O)c2cc(NC(=O)[C@H]3CCCN(C(=O)c4ccc5ccc54)C3)cc21=O
vNsp15-as1-123	Z118358090	-10.6	0.321	441.53	REAL	O=C(Nc1ccc2NCCC2=O)c1)[C@H]1CCCCN(C(=O)c2ccc3ccc32)C1
vNsp15-as1-124	Z1217455625	-10.6	0.331	428.53	REAL	Cc1nnc2n1)CC[C@H]2[C@H]2(C)C@H]1CCCN(C(=O)c2ccc3ccc32)C1
vNsp15-as1-125	Z1391606023	-10.6	0.331	428.53	REAL	O=C(N[C@H]1CCCN(C(=O)[C@H]2[C@H]2[C@H]23CCc2ccc23)C1)c1ccc2cc2o1
vNsp15-as1-126	Z1422677992	-10.6	0.331	431.50	REAL	CN1CC2ccc(NC(=O)[C@H]3CCCN(C(=O)c4ccc5nHjnc54)C3)cc21=O
vNsp15-as1-127	Z1453804507	-10.6	0.312	449.55	REAL	O=C(NC[C@H]1[C@H]2C3ccc3c3[C@H]1)21ccc(C(=O)N[C]C@H]2[C@H]3C4ccc44[C@H]23)c1
vNsp15-as1-129	Z1539813606	-10.6	0.353	424.86	REAL	O=C1c2ccc2[C]c2cc21=O)N1CC(C(=O)C2=Cc3cc(F)ccc3OC2)CC1
vNsp15-as1-130	Z15458061	-10.6	0.286	489.49	REAL	C[C@H](O)(C(=O)c1ccc(N2C(=O)c3ccc4ccc(c34)C2=O)cc1)c1ncc2ccc2=O)nHj1
vNsp15-as1-131	Z1589243537	-10.6	0.331	447.52	REAL	CN1CCC2ccc2(S(=O)(=O)NC(=O)c3ccc(-n4nc5ccc54)nc3)cc21
vNsp15-as1-132	Z1601885412	-10.6	0.331	430.55	REAL	C[C@H](Cn1c2ccc2c1=O)N(C(=O)N[C]C@H]1[C]C@H]2CC(C)C3ccc1c32
vNsp15-as1-133	Z1672806606	-10.6	0.353	409.35	REAL	O=C(Nc1ccc(-c2nc(-c3ccc(O)c3)no2)c(O)c1)c1cc(F)cc(F)c1
vNsp15-as1-134	Z1673836738	-10.6	0.342	432.54	REAL	CC(=O)N1CCC2ccc2(S(=O)(=O)N3CC=C(c4ccc5ccc545)C3)ccc21
vNsp15-as1-135	Z1683390111	-10.6	0.353	438.53	REAL	Cc1ccc(-c2nnc(-c3ccc(S(=O)(=O)N4CC5ccc5c4c3)O)2)c1
vNsp15-as1-136	Z1684181625	-10.6	0.353	408.36	REAL	Cc1ccc(-c2nnc(-c3ccc(NC(=O)c4ccc(F)cc4)cc3)no2)1
vNsp15-as1-137	Z1685083408	-10.6	0.331	428.41	REAL	Cc1ccc(-c2cc(-c3nc(-c4ccc5nHjnc54)no3)cc3)cc2nnc2)cc(O)c1
vNsp15-as1-138	Z1685200807	-10.6	0.321	447.40	REAL	Cn1cnc2cc(-c3nnc(-c4ccc(NC(=O)c5ccc(F)cc5)cc4)no3)cc21
vNsp15-as1-139	Z1723434322	-10.6	0.303	465.56	REAL	Cn1Hjccc2cc2c1C1CCN(C(=O)c2ccc(-c3nc4nHjnc4=O)O)N(C)C4c3)cc2CC1
vNsp15-as1-140	Z1729458576	-10.6	0.366	412.51	REAL	CC(=O)N1CCC2ccc2(S(=O)(=O)N3CCC[C@H]4(C3)OC3ccc34)cc21=O
vNsp15-as1-141	Z1731900193	-10.6	0.366	391.47	REAL	CN1CC2ccc(NC(=O)N3CCC[C@H]4(C3)OC3ccc34)cc21=O
vNsp15-as1-142	Z1764208898	-10.6	0.353	390.40	REAL	O=C1c2ccc2nHj2ccc(-c3nc(-c4ccc5ccc54)no3)cc21
vNsp15-as1-143	Z176739308	-10.6	0.342	412.49	REAL	COc1ccc2(c1)[C@H](C)N(C(=O)c1ccc3nHj4ccc44c(=O)c3e1)[C@H]2C
vNsp15-as1-144	Z1767360678	-10.6	0.342	409.44	REAL	O=C1c2ccc2nHj3ccc3cc3(O)c2e1N1CC(C)[C@H]2(C1)C(=O)N1ccc12
vNsp15-as1-145	Z1768177668	-10.6	0.331	447.47	REAL	O=C1CC2ccc2(S(=O)(=O)NC(=O)c3ccc4nHj5ccc5c(=O)c4c3)cc2N1
vNsp15-as1-146	Z1768248116	-10.6	0.342	433.49	REAL	O=C(NS(=O)(=O)N1CC2ccc2C1)c1ccc2nHj3ccc3cc(=O)c2e1
vNsp15-as1-147	Z1799062522	-10.6	0.342	427.52	REAL	O=C(N[C@H]1CCO2cc(F)ccc21)N1CC[C@H]2nHjnc(C3CCCC3)n2)C1
vNsp15-as1-148	Z1817113647	-10.6	0.331	419.44	REAL	O=C1nHjnc(-c2nc(-c3ccc(Cn4nc5ccc54)cc3)no2)ccc21
vNsp15-as1-149	Z1832391778	-10.6	0.342	434.52	REAL	O=C1C[C@H](C(=O)N2CCN(S(=O)(=O)c3ccc4ccc4c3)CC2)ccc2e1
vNsp15-as1-150	Z1834342185	-10.6	0.379	399.37	REAL	O=C(Nc1nHjnc2cc(F)ccc12)c1ccc2c(c1)S(=O)(=O)Nc1nnc1-2
vNsp15-as1-151	Z1890698017	-10.6	0.342	434.48	REAL	C[C@H](Cc2ccc2N1S(=O)(=O)c1ccc(-c2nc(-c3ccc(O)nHj3)no2)c1
vNsp15-as1-152	Z1891668333	-10.6	0.379	375.34	REAL	O=C1CCC2nHjnc(O)c(-c3nc(-c4nnc(-c5ccc5)no4)no3)cc21
vNsp15-as1-153	Z1891828970	-10.6	0.331	421.51	REAL	O=C1N[C@H]2(Cc3ccc3c3)C(=O)N1c1ccc(-c2nnc3n2CCCC3)cc1
vNsp15-as1-154	Z1897921570	-10.6	0.342	442.45	REAL	O=C1CCC2ccc2(S(=O)(=O)N3nnc(Cc@H]4COccc5ccc54)O)3)cc21
vNsp15-as1-155	Z1902654279	-10.6	0.353	432.95	REAL	CCOCCO1c(C)ccc1NC(=O)N(C(=O)@H]1O)[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]7[C@H]8[C@H]9[C@H]10[C@H]11[C@H]12[C@H]13[C@H]14[C@H]15[C@H]16[C@H]17[C@H]18[C@H]19[C@H]20[C@H]21[C@H]22[C@H]23[C@H]24[C@H]25[C@H]26[C@H]27[C@H]28[C@H]29[C@H]30[C@H]31[C@H]32[C@H]33[C@H]34[C@H]35[C@H]36[C@H]37[C@H]38[C@H]39[C@H]40[C@H]41[C@H]42[C@H]43[C@H]44[C@H]45[C@H]46[C@H]47[C@H]48[C@H]49[C@H]50[C@H]51[C@H]52[C@H]53[C@H]54[C@H]55[C@H]56[C@H]57[C@H]58[C@H]59[C@H]60[C@H]61[C@H]62[C@H]63[C@H]64[C@H]65[C@H]66[C@H]67[C@H]68[C@H]69[C@H]70[C@H]71[C@H]72[C@H]73[C@H]74[C@H]75[C@H]76[C@H]77[C@H]78[C@H]79[C@H]80[C@H]81[C@H]82[C@H]83[C@H]84[C@H]85[C@H]86[C@H]87[C@H]88[C@H]89[C@H]90[C@H]91[C@H]92[C@H]93[C@H]94[C@H]95[C@H]96[C@H]97[C@H]98[C@H]99[C@H]100[C@H]101[C@H]102[C@H]103[C@H]104[C@H]105[C@H]106[C@H]107[C@H]108[C@H]109[C@H]110[C@H]111[C@H]112[C@H]113[C@H]114[C@H]115[C@H]116[C@H]117[C@H]118[C@H]119[C@H]120[C@H]121[C@H]122[C@H]123[C@H]124[C@H]125[C@H]126[C@H]127[C@H]128[C@H]129[C@H]130[C@H]131[C@H]132[C@H]133[C@H]134[C@H]135[C@H]136[C@H]137[C@H]138[C@H]139[C@H]140[C@H]141[C@H]142[C@H]143[C@H]144[C@H]145[C@H]146[C@H]147[C@H]148[C@H]149[C@H]150[C@H]151[C@H]152[C@H]153[C@H]154[C@H]155[C@H]156[C@H]157[C@H]158[C@H]159[C@H]160[C@H]161[C@H]162[C@H]163[C@H]164[C@H]165[C@H]166[C@H]167[C@H]168[C@H]169[C@H]170[C@H]171[C@H]172[C@H]173[C@H]174[C@H]175[C@H]176[C@H]177[C@H]178[C@H]179[C@H]180[C@H]181[C@H]182[C@H]183[C@H]184[C@H]185[C@H]186[C@H]187[C@H]188[C@H]189[C@H]190[C@H]191[C@H]192[C@H]193[C@H]194[C@H]195[C@H]196[C@H]197[C@H]198[C@H]199[C@H]200

Supplementary Table 74. Virtual screening hits 101 to 200 of the screen against the active site of nsp15 (Screen ID: 39). Compounds were filtered so that hits had MW < 600 dalton, cLogP < 6, number of hydrogen bond acceptors < 11, and no reactive functional groups. A few compounds unsuitable for drug discovery were removed by visual inspection. The name of each compound consists of the initial letter 'v' for virtual hit, followed by the target protein name and the target site ('as' for active site, 1 for docking scenario 1). The score is the docking score given by QuickVina 2 in kcal/mol. The ligand efficiency (LE) is computed as LE = -score/#NonH, where #NonH is the number of heavy (i.e. non hydrogen) atoms.

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp16-as1-101	Z1250868715	-11.2	0.373	398.42	REAL	Cc1ccc(C(=O)N2C3ccc3ccccc3-c3ccc3c2)nc2nc(O)hHj(e)=O)c1c2
vNsp16-as1-102	Z1314146635	-11.2	0.350	430.47	REAL	Cc1ccc(C(=O)N2ccc(C3CCCC3)mm2-c2ccc2)nc2nc(O)hHj(e)=O)c1c2
vNsp16-as1-103	Z1374246802	-11.2	0.373	404.47	REAL	Cc1ccc(C(=O)N2CCC[C@H](c3ccc4ccc43)c2)nc2nc(O)hHj(e)=O)c1c2
vNsp16-as1-104	Z1518008193	-11.2	0.361	418.46	REAL	Cc1ccc(C(=O)N2CCC[C@H]2Cn2c(C)nc3ccc3c2)nc2nc(O)hHj(e)=O)c1c2
vNsp16-as1-105	Z1549996196	-11.2	0.350	433.47	REAL	C[C@@H](c2ccc3ccc3c2)N(C)=O)N(C)C(=O)N2CCC[C@H]2Cn2c(C)C2C1=O
vNsp16-as1-106	Z1620488094	-11.2	0.373	402.50	REAL	Cc1ccc2[nH]j3c(e2c1)C[C@H](N)C(=O)Nc1ccc2e1)CCCC(=O)N2)CC3
vNsp16-as1-107	Z1685319746	-11.2	0.373	394.44	REAL	Cc1ccc(-c2nccc(-c3nec(-c4ccc(-c5nnc(C)hH5j3)j2)nc1)C
vNsp16-as1-108	Z1685322651	-11.2	0.415	422.25	REAL	Cc1nnc(-c2ccc(-c3nec(-c4nHj5ccc(Br)cc45)n3)j2)hHj1
vNsp16-as1-109	Z1902877949	-11.2	0.361	426.56	REAL	CCOCCOCCc1ccc(NC(=O)N)C[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]4[C@H]3[C@H]3[C@H]6[C@H]5)2)c1C
vNsp16-as1-110	Z19986062	-11.2	0.311	495.52	REAL	C[C@H](Sc1nnc2e(=O)hHj3c3ccc3n12)C(=O)Nc1ccc2e1c1)C(=O)c1ccc1C2=O
vNsp16-as1-111	Z2001002581	-11.2	0.373	408.46	REAL	Cc1ccc(C(=O)N2CCC[C@H](c3ncc4n3CCCC4)C2)nc2nc(O)hHj(e)=O)c1c2
vNsp16-as1-112	Z2007490921	-11.2	0.350	445.91	REAL	Cn1e(-c2nn(C)C(=O)c3ccc3c2)jmc1N1CN2c(cc3cc(C)ccc3)2C1
vNsp16-as1-113	Z2008042363	-11.2	0.350	434.54	REAL	Cn1e(-c2nn(C)C(=O)c3ccc3c2)jmc1N1CN2c(cc3cc(C)ccc3)2C1
vNsp16-as1-114	Z2008065395	-11.2	0.350	445.91	REAL	Cn1e(-c2nn(C)C(=O)c3ccc3c2)jmc1N1CN2c(cc3cc(C)ccc3)2C1
vNsp16-as1-115	Z2021028408	-11.2	0.361	424.46	REAL	COc1ccc(C[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]4[C@H]3[C@H]3[C@H]6[C@H]5)2)c1
vNsp16-as1-116	Z2021035964	-11.2	0.431	353.33	REAL	NC(=O)N(C)C(=O)c1ccc(NC(=O)C[C@H]2C3ccc3c3(C)C(=O)O)2c1
vNsp16-as1-117	Z2027285076	-11.2	0.373	404.43	REAL	Cc1e(C(=O)N2CCC[C@H](c3ncc4n3CCCC4)C2)mm1-c1ccc2ccc2c1
vNsp16-as1-118	Z2158378743	-11.2	0.431	345.32	REAL	O=c1nHj2ccc(-c3nec(-c4nHj5ccc(Br)cc45)n3)j2)hHj1
vNsp16-as1-119	Z2158538047	-11.2	0.350	420.43	REAL	Cc1nnc(-c2ccc(-c3nec(-c4ccc5[nH]j6ccc5cc6e(=O)c5c4n3)j2)hHj1
vNsp16-as1-120	Z2158538668	-11.2	0.386	389.35	REAL	Cc1nnc(-c2ccc(-c3nec(-c4ccc5[nH]j6ccc5cc6e(=O)c5c4n3)j2)hHj1
vNsp16-as1-121	Z2159358087	-11.2	0.373	396.41	REAL	O=C(Cc1nnc(-c2nHj5c(=O)c3ccc3c2)N1)Nc1ccc2ccc2c1
vNsp16-as1-122	Z2159455398	-11.2	0.339	438.49	REAL	O=C(Cc1nnc(-c2nHj5c(=O)c3ccc3c2)N1)Nc1ccc2ccc2c1
vNsp16-as1-123	Z2167125700	-11.2	0.350	420.48	REAL	Cn1e(-c2nHj5c(=O)c3ccc3c2)jmc1N1CN2c(cc3cc(C)ccc3)2C1
vNsp16-as1-124	Z2192883693	-11.2	0.339	438.48	REAL	O=C(c1ccc(N2C(=O)c3ccc3c2)O)c1N1CC[C@H]2)CC3ccc3c3O)2C1
vNsp16-as1-125	Z2221676441	-11.2	0.350	430.42	REAL	O=C(NC)ccc1(C(=O)Nc2nHj5c(=O)jOC)C1c2ccc2-c2ccc2c1
vNsp16-as1-126	Z2225639873	-11.2	0.386	383.41	REAL	Cc1ccc(-c2nHj5c(=O)hHj2)cc1NC(=O)C1cc2ccc3ccc3)2)hHj1
vNsp16-as1-127	Z2233385027	-11.2	0.373	403.45	REAL	Cc1e(C(=O)N2CCC3c3nnc(N)hHj3)C2)mm1-c1ccc2ccc2c1
vNsp16-as1-128	Z2311242839	-11.2	0.386	398.46	REAL	CCO(C)C1ccn(-c2ccc(NC(=O)N)C[C@H]3[C@H]4[C@H]3[C@H]4)2c1
vNsp16-as1-129	Z2524820794	-11.2	0.329	454.57	REAL	O=C(c1ccc2e(=O)n3cnc2)C)CC3N1C[C@H]2[C@H]3[C@H]1)CN(C3ccc3)C[C@H]21
vNsp16-as1-130	Z2635781403	-11.2	0.400	397.45	REAL	O=C(c1ccc(-c2nnc(O)nc2)N1)N1CC2(C)CC1)OCc1ccc1
vNsp16-as1-131	Z2651485617	-11.2	0.311	482.54	REAL	C[C@H](C(=O)Nc1ccc2e1c1)C(=O)c1ccc1C2=O)N1Cc2ccc2N2C[C@H](O)C[C@H]2C1
vNsp16-as1-132	Z2893088283	-11.2	0.400	376.42	REAL	O=C(c1ccc(Nc2nHj5c(=O)jOC)C1)N1CC2(C)CC1)OCc1ccc1
vNsp16-as1-133	Z366886766	-11.2	0.350	446.49	REAL	O=C1CC2ccc(NC(=O)c3ccc(NC4=NS(=O)=O)c5ccc54)ccc3c2c1
vNsp16-as1-134	Z448673852	-11.2	0.311	479.54	REAL	Cn1nec(C(=O)N)C(C)N(C)C[C@H]2)CC3ccc4ccc4C2c2ccc23)c2ccc2c1=O
vNsp16-as1-135	Z466430298	-11.2	0.311	475.55	REAL	O=C(c1ccc(C(=O)N2CCC3c3nHj4ccc4c3c2)N1)N1CC2nHj3ccc3c2C1
vNsp16-as1-136	Z605714468	-11.2	0.361	416.44	REAL	Cc1nec(-c2ccc(NC(=O)CN3C(=O)N)C[C@H]4)C5ccc54)C3=O)c2nHj2c1
vNsp16-as1-137	Z63697560	-11.2	0.320	468.47	REAL	Cn1nec(C(=O)N)C(C)N(C)C[C@H]2)CC3ccc3c3O)2c2c1=O
vNsp16-as1-138	Z68605028	-11.2	0.320	466.45	REAL	C[C@H](OC)(=O)c1ccc2ccc2e(=O)hHj1)C(=O)Nc1ccc2e1)C(=O)c1ccc1C2=O
vNsp16-as1-139	Z795029940	-11.2	0.311	480.48	REAL	C[C@H](OC)(=O)c1ccc2ccc2e(=O)hHj1)C(=O)Nc1ccc2e1)C(=O)c1ccc1C2=O
vNsp16-as1-140	Z91830275	-11.2	0.320	467.44	REAL	C[C@H](OC)(=O)c1ccc2ccc2e(=O)hHj1)C(=O)Nc1ccc2e1)C(=O)c1ccc1C2=O
vNsp16-as1-141	ZINC000002115916	-11.2	0.339	438.48	ZINC15	Cc1ccc(C)cc(CO)c2ccc3cc(-c4ccc5ccc5oc4)ccc(=O)oc3c2c1
vNsp16-as1-142	ZINC000002267002	-11.2	0.361	406.40	ZINC15	O=c1ccc2ccc3ccc3c2e1-c1nnc(-c2ccc3ccc3c2)oc1
vNsp16-as1-143	ZINC000003873988	-11.2	0.339	429.43	ZINC15	O=C1c2ccc2C(=O)c2(Nc3ccc4cc3)C(=O)c3ccc3c4=O)ccc2c1
vNsp16-as1-144	ZINC000004522785	-11.2	0.329	444.45	ZINC15	Nc1ccc2e1C(=O)c1ccc(Nc3ccc4c3)C(=O)c3ccc3c4=O)C=C2=O
vNsp16-as1-145	ZINC000008790817	-11.2	0.311	494.42	ZINC15	COc1ccc2ccc(-c3ccc(=O)oc4ccc(Oc5ccc(C(F)F)F5)ccc43)cc(=O)oc2c1
vNsp16-as1-146	ZINC000013070266	-11.2	0.320	467.57	ZINC15	Cc1ccc(N2CCN(C)C[C@H](C)C(=O)Nc3ccc4c3)C(=O)c3ccc3c4=O)CC2=O
vNsp16-as1-147	ZINC000013593240	-11.2	0.339	447.53	ZINC15	Cc1ccc(C)cc(N2N=C(C)C(=O)N3Cc4ccc5cc4)C[C@H]3)OCCO5)CC2=O)c1
vNsp16-as1-148	ZINC000014883611	-11.2	0.311	478.60	ZINC15	Cc1ccc1-c1ccc(C(=O)N2CCN(C)C[C@H]3)C4ccc4C3)CC2)cc(-n2)mm2c1
vNsp16-as1-149	ZINC000015999302	-11.2	0.329	471.94	ZINC15	Cc1c2ccc1C1)C[C@H]1(C)N2)C[C@H]2(C)N(C)C3ccc4ccc43)C(=O)C[C@H]2)CCN21
vNsp16-as1-150	ZINC000020533850	-11.2	0.295	519.52	ZINC15	O=C(c1ccc(-c2ccc3c(2)OCCO3)cc2)ccc2c1)N1CCN(C)ccc(C(F)F)F2)CC1
vNsp16-as1-151	ZINC000100414424	-11.2	0.295	499.52	ZINC15	O=C1c2ccc2C(=O)C12O)C[C@H]1c1ccc1)C[C@H]1(C)N(C)C3ccc4ccc43)C(=O)C[C@H]2
vNsp16-as1-152	ZINC000100505726	-11.2	0.303	488.54	ZINC15	O=C1C[C@H]2[C@H]3[C@H]4[C@H]5[C@H]4[C@H]3[C@H]5)2)c1
vNsp16-as1-153	ZINC000109963942	-11.2	0.320	475.57	ZINC15	O=S1(=O)c2ccc2-c2ccc(-c3nc(C)N)C[C@H]5)CC-C[C@H]45)hHj3-c3ccc3)ccc2c1
vNsp16-as1-154	ZINC000257197297	-11.2	0.373	396.49	ZINC15	O=C(c1ccc2ccc2e1)N1CC2(C)N(C)C1c3ccc3c3)hHj2c1
vNsp16-as1-155	ZINC00025715128	-11.2	0.320	478.52	ZINC15	Cc1nnc(C)ccc(C(=O)N3CCC[C@H]4)ccc4(-c5ccc(C(F)F)F5)4)3)cc1c2
vNsp16-as1-156	ZINC000408733648	-11.2	0.303	485.54	ZINC15	Cc1ccc2e1e1)OC(=O)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-157	PV-000067512910	-11.1	0.411	365.44	REAL	O=C(C[C@H]2[C@H]3[C@H]4[C@H]5[C@H]4[C@H]3[C@H]5)2)c1
vNsp16-as1-158	PV-001819607694	-11.1	0.383	459.26	REAL	C[C@H](C)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-159	PV-001827827279	-11.1	0.383	459.26	REAL	C[C@H](C)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-160	PV-001849703681	-11.1	0.347	430.51	REAL	CC(=O)Nc1ccc(NC(C)=O)ccc(C(=O)N2CCC(C)C3ccc4ccc34)CC2)c1
vNsp16-as1-161	PV-001855725522	-11.1	0.358	427.39	REAL	Cc1nnc2ccc(C(=O)N)ccc2(-c4nHj5c(=O)jOC)C1)C2)CC3ccc3c3)hHj2c1
vNsp16-as1-162	PV-001855725658	-11.1	0.347	444.37	REAL	Cc1nnc(-c2ccc(NC(=O)c3ccc4c3)N(C)C)C4)C)C(C(F)F)F2)hHj1
vNsp16-as1-163	PV-001871264419	-11.1	0.358	425.49	REAL	CNC(=O)N(C)C[C@H]1)CCN(C)C(=O)c2ccc(N3C(=O)C)C[C@H]4)C)C(C)C(=O)c2)C1
vNsp16-as1-164	PV-001875532136	-11.1	0.358	454.32	REAL	Cc1e(C(=O)N2C[C@H]3[C@H]4[C@H]5[C@H]4[C@H]3[C@H]5)2)c1
vNsp16-as1-165	PV-001922309599	-11.1	0.347	434.49	REAL	CNC(=O)N(C)C[C@H]1)CCN(C)C(=O)Nc2ccc3c2)C(=O)c2ccc2c3)O)C1
vNsp16-as1-166	PV-001943072115	-11.1	0.396	422.29	REAL	O=C(NC)ccc1(C)C(F)F)F)hHj1)Nc1ccc2ccc2e1)OC(F)F)O3
vNsp16-as1-167	PV-001948672381	-11.1	0.336	454.41	REAL	Cc1nec(-c2cc(NC(=O)N)N(C)C(=O)c3ccc4ccc43)ccc(C(F)F)F2)hHj1
vNsp16-as1-168	PV-001948675298	-11.1	0.347	446.39	REAL	Cc1nec(-c2cc(NC(=O)N)N(C)C(=O)Nc3ccc4ccc43)ccc(C(F)F)F2)hHj1
vNsp16-as1-169	PV-001948780035	-11.1	0.370	440.29	REAL	O=C(Nc1ccc2ccc2n1)N1C[C@H]2[C@H]3[C@H]4[C@H]3[C@H]4)2)c1
vNsp16-as1-170	PV-001952317032	-11.1	0.370	409.45	REAL	Cc1nnc1NC(=O)N1CCC(C)C(=O)c2ccc3c2)N(C)C(=O)C[C@H]3)O)C1
vNsp16-as1-171	Z1071336848	-11.1	0.370	408.46	REAL	Cc1ccc1NC(=O)N1CCC(C)C(=O)c2ccc3c2)N(C)C(=O)C[C@H]3)O)C1
vNsp16-as1-172	Z1102637178	-11.1	0.326	476.53	REAL	O=C1O)C[C@H]2)C2ccc2(C(=O)N2)C3C[C@H]3)C(=O)Nc3ccc3c3)cc2c1
vNsp16-as1-173	Z1110709852	-11.1	0.308	488.57	REAL	O=C1Nc2ccc2[C[C@H]1)CCN(C)C(=O)Nc2cc(-c3nnc4n3CCCC4)ccc2F)C21
vNsp16-as1-174	Z1121634825	-11.1	0.326	452.47	REAL	O=C(Nc1ccc(-c2nnc(=O)hHj2)C)C[C@H]1)CC(=O)Nc2ccc2e1)O)CCO2
vNsp16-as1-175	Z1169877991	-11.1	0.370	405.37	REAL	O=C(C1nnc(-c2nHj5c(=O)c3ccc3c2)N1)Nc1ccc2e1)O)CCO2
vNsp16-as1-176	Z1232083743	-11.1	0.396	418.86	REAL	O=C(Nc1nHj5c(=O)jOC)C1)C2)CC3ccc3c3)CC2)cc1C1
vNsp16-as1-177	Z1270035870	-11.1	0.358	436.50	REAL	Cc1ccc(C(=O)N2CCN(C)C3ccc4ccc43)CC2)nc2nc(O)hHj(e)=O)c1c2
vNsp16-as1-178	Z1311220604	-11.1	0.336	445.48	REAL	Cc1ccc(-c2nnc3N2CCC3)ccc1NC(=O)c1ccc(C)C2(=O)hHj(e)O)nc2n1
vNsp16-as1-179	Z132917176	-11.1	0.326	447.46	REAL	Cc1ccc(N2C(=O)C)C(=O)Nc3ccc4ccc4nHj3)C2)3ccc3c2)O)C1
vNsp16-as1-180	Z1347909154	-11.1	0.336	448.57	REAL	Cc1ccc(C(=O)N2C[C@H]3[C@H]4[C@H]5[C@H]4[C@H]3[C@H]5)2)c1
vNsp16-as1-181	Z1383805436	-11.1	0.358	414.39	REAL	O=C1C[C@H]2[C@H]3[C@H]4[C@H]5[C@H]4[C@H]3[C@H]5)2)c1
vNsp16-as1-182	Z1383807552	-11.1	0.370	399.40	REAL	C[C@H]1)O)c2ccc2O)C[C@H]1)C(=O)Nc1ccc2e1)C(=O)c1ccc1C2=O
vNsp16-as1-183	Z1383817718	-11.1	0.336	440.41	REAL	Cn1e(=O)c2ccc(C(=O)Nc3ccc4c3)C(=O)c3ccc3c4=O)nc2n1C(=O)1
vNsp16-as1-184	Z1421893269	-11.1	0.336	443.51	REAL	Cc1nnc(C[C@H]2)CCN(C)C(=O)Nc3ccc4ccc43)C(=O)c3ccc3c4=O)C2)hHj1
vNsp16-as1-185	Z14229668	-11.1	0.347	432.48	REAL	CC1(C)C(=O)Nc2ccc2N1C(=O)CN1C(=O)N)C[C@H]2)C3ccc3c3)C2)C1=O
vNsp16-as1-186	Z1453324339	-11.1	0.383	398.46	REAL	Cc1ccc(C(=O)N2CCC[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-187	Z1461552102	-11.1	0.336	441.49	REAL	Cc1ccc(C(=O)N2CCC[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-188	Z1498283742	-11.1	0.370	394.48	REAL	O=c1nHj2ccc(-c3nec(-c4nHj5ccc(Br)cc45)n3)j2)hHj1
vNsp16-as1-189	Z1518719462	-11.1	0.370	404.43	REAL	Cc1ccc(C(=O)N2CCC[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-190	Z1531740169	-11.1	0.358	417.37	REAL	O=C(NC(=O)N)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-191	Z1552593243	-11.1	0.347	432.53	REAL	O=C(NC(=O)N)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-192	Z1563751055	-11.1	0.336	442.48	REAL	O=C(NC(=O)N)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-193	Z1603534066	-11.1	0.347	431.50	REAL	O=C(NC(=O)N)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]5)2)c1
vNsp16-as1-194	Z1603536335	-11.1	0.370	407.48	REAL	O=C(NC(=O)N)C[C@H]2)C[C@H]3)C[C@H]4)C[C@H]5)C[C@H]4)C[C@H]

Name	Catalog ID	Score	LE	MW	Library	SMILES
vNsp16-nsp10.1-1	PV-001866716609	-10.2	0.378	408.585	REAL	CSCC[C@H](NS(=O)=O)C(=O)NC[C@H]1C[C@@H]2[C@@H]1[C@@H]1[C@@H]2[C@@H]1[C@@H]1[C@@H]2
vNsp16-nsp10.1-2	Z46616205	-10	0.294	490.555	REAL	O=C1C=C/C2=CC=C/C3=C(S(=O)(=O)C4=CC=CC=C4)C=C3C(S(=O)(=O)C5=CC=CC=C5)C=C2
vNsp16-nsp10.1-3	ZINC000408679811	-10	0.263	498.58	ZINC15	Cc1ccc(CNC(=O)C2=CC=C(N3C(=O)C@H)4[C@@H]3C@O)C3c5ccc(C6=CC=CC=C6)C=C2
vNsp16-nsp10.1-4	Z2002795192	-9.9	0.367	387.862	REAL	CCCCOe1c1C1ccc(=O)C[C@@H]2[C@@H]3[C@@H]2[C@@H]3[C@@H]4[C@@H]3[C@@H]4[C@@H]1[C@@H]2
vNsp16-nsp10.1-5	Z510365356	-9.9	0.283	470.484	REAL	CC(=O)N1[C@@H]2[C@@H]3[C@@H]1[C@@H]2C(=O)N3C(=O)N4=CC=CC=C4[C@@H]2[C@@H]3
vNsp16-nsp10.1-6	Z1165732852	-9.8	0.288	455.513	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-7	Z1165732852	-9.8	0.306	438.458	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-8	Z1559283565	-9.8	0.297	437.502	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-9	Z998874814	-9.8	0.265	499.569	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-10	Z1075646216	-9.7	0.285	453.584	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-11	Z1094946006	-9.7	0.269	477.479	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-12	Z1684170407	-9.7	0.294	440.458	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-13	Z1684693872	-9.7	0.303	423.471	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-14	Z1728627932	-9.7	0.285	448.477	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-15	Z1827808809	-9.7	0.294	442.478	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-16	Z1869819485	-9.7	0.303	442.542	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-17	Z2067513613	-9.7	0.303	438.545	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-18	Z2811870539	-9.7	0.373	352.437	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-19	ZINC000017862766	-9.7	0.243	520.587	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-20	ZINC000409414682	-9.7	0.285	454.524	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-21	Z1101973114	-9.6	0.282	475.568	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-22	Z1162075545	-9.6	0.267	490.562	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-23	Z1266331370	-9.6	0.3	419.483	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-24	Z1449094151	-9.6	0.282	448.564	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-25	Z1666177453	-9.6	0.291	439.518	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-26	Z1685223778	-9.6	0.291	437.502	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-27	Z1864295572	-9.6	0.291	447.508	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-28	Z1865902276	-9.6	0.31	419.455	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-29	Z1867843510	-9.6	0.3	428.487	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-30	Z1891197081	-9.6	0.291	437.458	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-31	Z1907681358	-9.6	0.331	414.524	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-32	Z2021542666	-9.6	0.291	443.462	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-33	Z2158178078	-9.6	0.3	421.459	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-34	Z2174533720	-9.6	0.291	445.517	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-35	Z2785110607	-9.6	0.356	365.428	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-36	Z512238600	-9.6	0.274	476.507	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-37	Z859085676	-9.6	0.282	460.464	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-38	ZINC00004015296	-9.6	0.253	493.477	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-39	PV-001809418707	-9.5	0.288	441.573	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-40	PV-001949217361	-9.5	0.279	458.492	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-41	PV-00195449705	-9.5	0.279	456.588	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-42	PV-001955903293	-9.5	0.297	445.483	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-43	Z1003292826	-9.5	0.279	477.496	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-44	Z1014477988	-9.5	0.264	482.582	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-45	Z1023507394	-9.5	0.264	491.565	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-46	Z1024051824	-9.5	0.257	491.589	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-47	Z1131828782	-9.5	0.279	461.51	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-48	Z1155470360	-9.5	0.279	454.572	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-49	Z1157949085	-9.5	0.271	485.606	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-50	Z1427996452	-9.5	0.288	448.428	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-51	Z1452691933	-9.5	0.288	445.493	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-52	Z1494967585	-9.5	0.297	445.585	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-53	Z1499501732	-9.5	0.317	401.508	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-54	Z1610529936	-9.5	0.288	436.47	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-55	Z1663744099	-9.5	0.288	447.581	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-56	Z1683031745	-9.5	0.317	400.441	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-57	Z1683032795	-9.5	0.297	426.431	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-58	Z1685223830	-9.5	0.279	449.513	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-59	Z1827712413	-9.5	0.306	417.424	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-60	Z1827756688	-9.5	0.306	418.408	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-61	Z1891181711	-9.5	0.297	445.502	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-62	Z1951507060	-9.5	0.288	445.434	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-63	Z2001073403	-9.5	0.288	437.458	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-64	Z2002848514	-9.5	0.288	438.525	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-65	Z2003428823	-9.5	0.317	426.535	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-66	Z203623824	-9.5	0.279	452.513	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-67	Z2141231638	-9.5	0.288	442.478	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-68	Z2142478224	-9.5	0.288	446.441	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-69	Z220348464	-9.5	0.264	499.633	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-70	Z2231941851	-9.5	0.288	442.557	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-71	Z228011870	-9.5	0.257	486.53	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-72	Z2902753353	-9.5	0.279	471.943	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-73	Z2902891866	-9.5	0.279	457.508	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-74	Z358867962	-9.5	0.317	415.532	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-75	Z364959832	-9.5	0.271	492.598	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-76	Z364959832	-9.5	0.271	492.598	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-77	Z647509392	-9.5	0.279	477.544	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-78	Z729567092	-9.5	0.279	478.567	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-79	Z775632330	-9.5	0.279	477.583	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-80	Z787516708	-9.5	0.257	495.581	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-81	Z95871346	-9.5	0.271	465.512	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-82	Z967655690	-9.5	0.306	423.393	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-83	Z981587398	-9.5	0.279	473.959	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-84	Z988062926	-9.5	0.288	442.517	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-85	ZINC00000772305	-9.5	0.271	459.504	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-86	ZINC000008901217	-9.5	0.25	499.521	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-87	ZINC000019855340	-9.5	0.264	478.554	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-88	ZINC000020390197	-9.5	0.257	504.656	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-89	ZINC000096222481	-9.5	0.279	454.524	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-90	ZINC000408643959	-9.5	0.279	450.536	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-91	ZINC000408675226	-9.5	0.25	498.58	ZINC15	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-92	PV-001791724704	-9.4	0.303	442.578	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-93	PV-001825863042	-9.4	0.303	423.486	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-94	PV-001854861785	-9.4	0.348	380.874	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-95	PV-001867570214	-9.4	0.362	356.464	REAL	O=C1C=Cc1ccc(NC(=O)C2=CC=C(N3C(=O)C(=O)C=C2)O)C=C1
vNsp16-nsp10.1-96	PV-001936962709	-9.4	0.348	412.573	REAL	O=C1C=C

Name	Catalog ID	Score	LE	MW	Library	SMILES
vOr7a-ppi1-1	Z1314038522	-9.4	0.285	441.529	REAL	CN1CC(=O)Nc2cc(C(=O)Nc3ccc(-c4ccc5c(e4)CCCC5)cc3)ccc21
vOr7a-ppi1-2	Z1413840855	-9.4	0.285	445.502	REAL	Cn1cc(C=C/C(=O)c2ccc3c(e2)C(C)C(=O)N3)ct(-c2ccc3c(e2)OCCCO3)n1
vOr7a-ppi1-3	ZINC00001099260	-9.4	0.261	474.427	ZINC	O=C1NC(=O)c2ccc(N3C(=O)c4ccc5ccc6ccc6ccc6c5c4c3)O1ccc21
vOr7a-ppi1-4	Z119684146	-9.3	0.251	498.533	REAL	O=C1O[C@H](c2ccc2)C2cc2C(=O)N3C[C@H](C(=O)N4CCOCC4)Oc4ccc43)ccc21
vOr7a-ppi1-5	Z443975892	-9.3	0.258	490.465	REAL	O=C1CC2cc(F)c(NC1=O)c3ccc(C(=O)Nc4cc5c(e4)F)CC1(=O)N5)c3ccc2N1
vOr7a-ppi1-6	Z749631200	-9.3	0.282	476.939	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CC4[nH]5ccc(C1)cc5c4c3)ccc21
vOr7a-ppi1-7	ZINC00002832254	-9.3	0.266	473.507	ZINC	O=C1c2ccc3ccc3c2cc1-c1ccc(-c2cc3c(cc4ccc43)oc2)O1n1
vOr7a-ppi1-8	ZINC000408827077	-9.3	0.291	421.451	ZINC	O=C(O)c1ccc([C@H]2Nc3ccc4c(e3)C[C@H]3C=CC[C@H]2)C1(=O)c2ccc2C4=O)cc1
vOr7a-ppi1-9	PV-001830534322	-9.2	0.287	448.415	REAL	O=C1C=Cc2ccc2O[C@H]1(C(F)F)N1CCN(C(=O)c2ccc(F)cc2)CC1
vOr7a-ppi1-10	Z1335131363	-9.2	0.287	425.487	REAL	C[C@H]1(c2ccc(C(=O)N3CC=C(c4ccc5ccc45)CC3)c2)NC1=O)NC1=O
vOr7a-ppi1-11	Z1682392311	-9.2	0.297	421.387	REAL	C[C@H]1(c2ccc(-c3no(-c4cc5c(e4)F)NC(=O)CC5)n3)cc2)NC1=O
vOr7a-ppi1-12	Z1684581689	-9.2	0.287	439.377	REAL	C[C@H]1(c2ccc(-c3no(-c4cc5c(e4)F)NC(=O)CC5)n3)cc2)NC1=O
vOr7a-ppi1-13	Z1684582129	-9.2	0.297	421.387	REAL	C[C@H]1(c2ccc(-c3no(-c4cc5c(e4)F)NC(=O)CC5)n3)cc2)NC1=O
vOr7a-ppi1-14	Z2160286354	-9.2	0.279	436.43	REAL	Cn1c(=O)[nH]j2ncc(-c3ccc(-c4nc(-c5cc(=O)[nH]j6ccc56)no4)c3)ccc21
vOr7a-ppi1-15	ZINC00002121309	-9.2	0.287	417.423	ZINC	O=C1c2cc3cc4ccc4c3cc2N=C1NNc1ccc2ccc3ccc3c2c1
vOr7a-ppi1-16	ZINC000409336379	-9.2	0.263	451.488	ZINC	O=C(Nc1ccc2ccc21)c1ccc2nc3c4ccc4c4ccc4c3n2c1
vOr7a-ppi1-17	Z110100908	-9.1	0.268	477.54	REAL	C[C@H]1Oc2ccc(NC(=O)c3ccc(S(=O)(=O)N4c5ccc5C[C@H]4)C3)cc2NC1=O
vOr7a-ppi1-18	Z1451968763	-9.1	0.303	402.496	REAL	Cc1ccc2[nH]j([C@H]3CCCN(C(=O)c4ccc5c(e4)C(C)C(=O)N5)3)cc2c1
vOr7a-ppi1-19	Z1523896184	-9.1	0.284	427.503	REAL	C[C@H]1Cc2cc(-c3ccc(CNC(=O)Nc4ccc5c(e4)NC(=O)CC5)cc3)ccc2O1
vOr7a-ppi1-20	Z1682662164	-9.1	0.314	415.807	REAL	O=C1CC2cc2(-c3net(-c4c(C)5c(e4)OCCO5)no3)c(F)cc2N1
vOr7a-ppi1-21	Z1684579932	-9.1	0.303	400.393	REAL	C[C@H]1(c2ccc(-c3no(-c4c5ccc5c4O)n3)cc2)NC1=O)NC1=O
vOr7a-ppi1-22	Z1684582773	-9.1	0.303	400.437	REAL	C[C@H]1(c2ccc(-c3no(-c4c5ccc5c4O)n3)cc2)NC1=O)NC1=O
vOr7a-ppi1-23	Z1684583182	-9.1	0.276	439.474	REAL	Cc1ccc2nc(C3CC3)cc(-c3net(-c4ccc([C@H]3)NC(=O)NC5=O)c4)no3)c2c1
vOr7a-ppi1-24	Z1764266200	-9.1	0.284	426.431	REAL	C[C@H]1(c2ccc(NC(=O)c3ccc4[nH]5ccc5c(e4)O)c4c3)2)NC1=O)NC1=O
vOr7a-ppi1-25	Z1765224786	-9.1	0.314	383.45	REAL	CN1CCN(C(=O)c2ccc3[nH]4ccc4c(e4)O)c3c2)C2ccc2c21
vOr7a-ppi1-26	Z2073839861	-9.1	0.284	428.447	REAL	Cn1c(=O)[nH]j2ncc(-c3ccc(C(=O)Nc4ccc5c4CCCC(=O)N5)3)cc21
vOr7a-ppi1-27	ZINC00001588362	-9.1	0.268	440.509	ZINC	Nc1cc(-c2ccc3ccc3c2)cc(-c2cc(-c3ccc4ccc43)nc(N)n2)n1
vOr7a-ppi1-28	ZINC00004175991	-9.1	0.294	398.464	ZINC	O=C1[C@H]2[C@H]3[C@H]4c3ccc5ccc5c43)1c1ccc3c2c2ccc21
vOr7a-ppi1-29	ZINC00013639683	-9.1	0.303	405.388	ZINC	Cc1cc(O)nc(-n2)[nH]j3ccc4c(e3c2=O)C[C@H]1(c2ccc(F)cc2)CC4=O)nc1
vOr7a-ppi1-30	ZINC00022606981	-9.1	0.294	418.495	ZINC	CC(C)c1ccc([C@H]2CC(=O)c3ccc4nc(N5CCOCC5)nc1)O)c4c3)cc1
vOr7a-ppi1-31	ZINC00100485010	-9.1	0.284	410.431	ZINC	O=C1c2ccc3c4c(ccc(e2)C2=C=Nc4ccc4)C[C@H]21=C1Nc2ccc2[C@H]1C3=O
vOr7a-ppi1-32	ZINC000103269040	-9.1	0.268	477.54	ZINC	C[C@H]1Cc2ccc2N1S(=O)(=O)c1ccc(C(=O)Nc2ccc3c2)NC1=O)C[C@H]1C3=O
vOr7a-ppi1-33	ZINC000408733643	-9.1	0.246	485.538	ZINC	C1ccc2c1)O(C)C[C@H]1[C@H]2[C@H]3(c2ccc2)C[C@H]2(C)N1C3ccc4ccc4c3(C)C(=O)[C@H]21
vOr7a-ppi1-34	PV-001793372083	-9.1	0.321	374.414	REAL	Cc1ccc(-c2ccc(C(=O)Nc3cc4c(e3)F)CC1(=O)N4)cc21
vOr7a-ppi1-35	PV-001872294966	-9.1	0.3	416.398	REAL	O=C1CC[C@H]([C@H]2ccc(NC(=O)C3=Cc4ccc4O)C[C@H]3(C)F)F)2)N1
vOr7a-ppi1-36	Z1009938554	-9.1	0.281	430.506	REAL	C[C@H]1(c2ccc(CNC(=O)c3ccc4[nH]5c(e4c3)CCCC5)cc2)NC1=O)NC1=O
vOr7a-ppi1-37	Z1066065960	-9.1	0.273	476.536	REAL	O=C1CC2cc2(-c3ccc(N5(=O)Nc4ccc5c(e4)OCCO5)no3)cc2N1
vOr7a-ppi1-38	Z109823584	-9.1	0.243	496.561	REAL	O=C1O[C@H](c2ccc2)C2cc2C(=O)N3C[C@H](C(=O)N4CCOCC4)Oc4ccc43)ccc21
vOr7a-ppi1-39	Z1101970934	-9.1	0.25	482.538	REAL	O=C1CC2cc2(NC(=O)c3ccc(C(=O)Nc4ccc5c(e4)CC(C)C(=O)N5)3)ccc2N1
vOr7a-ppi1-40	Z1129794550	-9.1	0.29	415.463	REAL	O=C1O[C@H](c2ccc2)C2cc2C(=O)N3C[C@H](C(=O)N4c5ccc5c4)C3)cc2N1
vOr7a-ppi1-41	Z1162537090	-9.1	0.273	436.47	REAL	O=C(Nc1ccc2ccc2c(=O)[nH]1)C[C@H]1(C)C(=O)Nc2ccc3c2)C2ccc2c2-3)C1
vOr7a-ppi1-42	Z1256087617	-9.1	0.29	427.425	REAL	O=C([C@H]1[C@H]2[C@H]1c1ccc1OC(F)F)N1CC=C(c2[nH]j3ccc2c2)CC1
vOr7a-ppi1-43	Z1413841768	-9.1	0.3	401.421	REAL	CC1(C)C(=O)Nc2ccc(C(=O)O)C3c3[nH]j3c3-c3ccc4c(e3)OCC4)cc21
vOr7a-ppi1-44	Z1450615957	-9.1	0.3	403.433	REAL	CC1(C)C(=O)Nc2ccc(C(=O)O)C3c3[nH]j3c3-c3ccc4c(e3)OCC4)cc21
vOr7a-ppi1-45	Z1451962979	-9.1	0.281	425.487	REAL	C[C@H]1(c2ccc(C(=O)N3CC=C(c4ccc5ccc45)CC3)cc2)NC1=O)NC1=O
vOr7a-ppi1-46	Z1451968788	-9.1	0.281	431.495	REAL	Cc1ccc2[nH]j([C@H]3CCCN(C(=O)c4ccc([C@H]3)NC(=O)NC5=O)c4)C3)cc2c1
vOr7a-ppi1-47	Z1602670418	-9.1	0.29	417.507	REAL	CC1(C)CC[C@H]2[C@H]3(C)C(=O)c3ccc([C@H]4)C(C)C(=O)N5)3)ccc1c3c2
vOr7a-ppi1-48	Z1651242662	-9.1	0.273	440.458	REAL	O=C1Cc2cc2c1)NC(=O)C2)Nc1ccc(C(=O)N2CC(=O)Nc3ccc3cc2)cc1
vOr7a-ppi1-49	Z1663154013	-9.1	0.281	420.427	REAL	O=C1COc2cc(-c3nnc(-c4ccc5ccc5nc5ccc45)no3)ccc2N1
vOr7a-ppi1-50	Z1663469957	-9.1	0.281	419.443	REAL	O=C1CC2cc2(-c3nnc(-c4ccc5ccc5nc5ccc45)no3)ccc2N1
vOr7a-ppi1-51	Z1682661745	-9.1	0.31	411.844	REAL	CC1(C)C(=O)Nc2ccc(-c3nc(-c4c(C)5c(e4)OCCO5)no3)cc21
vOr7a-ppi1-52	Z1683685247	-9.1	0.281	431.495	REAL	CN1CCN(C(=O)c2ccc(-c3no(-c4ccc5c(e4)C(C)C(=O)N5)3)cc2)CC1
vOr7a-ppi1-53	Z1683729579	-9.1	0.273	446.412	REAL	O=C1CC2cc2(-c3nc(-c4ccc(NC(=O)c5ccc5c5F)4)no3)cc2)CC1
vOr7a-ppi1-54	Z1684580621	-9.1	0.29	415.408	REAL	C[C@H]1(c2ccc(-c3no(-c4ccc5ccc5[nH]j4=O)n3)cc2)NC1=O)NC1=O
vOr7a-ppi1-55	Z1684580686	-9.1	0.29	417.424	REAL	CC(=O)N1c2ccc2C[C@H]1c1nc(-c2ccc([C@H]3)C(C)C(=O)NC5=O)c2)no1
vOr7a-ppi1-56	Z1684580765	-9.1	0.281	432.435	REAL	C[C@H]1(c2ccc(-c3no(-c4ccc([C@H]4)C[C@H]4c4ccc5c(e4)OCCO5)no3)cc2)NC1=O)NC1=O
vOr7a-ppi1-57	Z1684581548	-9.1	0.3	401.425	REAL	Cc1[nH]j2ccc(-c3nc(-c4ccc([C@H]3)C(C)C(=O)NC5=O)c4)no3)cc2c1
vOr7a-ppi1-58	Z1684581602	-9.1	0.3	402.453	REAL	Cc1cc(C)cc2(C3c3nc(-c4ccc([C@H]3)C(C)C(=O)NC5=O)c4)no3)CC2)c1
vOr7a-ppi1-59	Z1684582725	-9.1	0.3	399.409	REAL	Cc1ccc2ccc(-c3nc(-c4ccc([C@H]3)C(C)C(=O)NC5=O)c4)no3)cc2n1
vOr7a-ppi1-60	Z1685242159	-9.1	0.281	421.463	REAL	Cc1cc(-c2no(-c3ccc(-c4ccc4c4c3c(C)mm4)2)cc2[nH]j1c1
vOr7a-ppi1-61	Z1685439490	-9.1	0.273	436.474	REAL	Cc1nn(C)2ncc(-c3ccc3)cc(-c3nc(-c4ccc5c(e4)CC(C)O)N5)no3)cc12
vOr7a-ppi1-62	Z1739747160	-9.1	0.273	438.446	REAL	Cn1c(=O)[nH]j2ncc(-c3ccc(-c4nc(-c5ccc6c5)CC(C)O)N6)no4)c3)cc21
vOr7a-ppi1-63	Z1766451513	-9.1	0.273	436.514	REAL	Cc1ccc2[nH]j([C@H]3CCCN(C(=O)c4ccc5[nH]j6ccc5c6)O)c5c4)C3)cc2c1
vOr7a-ppi1-64	Z1988035038	-9.1	0.281	438.57	REAL	C[C@H]1CC[C@H]([O]C)C[C@H]1[C@H]2CCCN2C(=O)C[C@H]2CCCN(C(=O)c3ccc4[nH]j6ccc43)C2)C1
vOr7a-ppi1-65	Z211707514	-9.1	0.281	437.513	REAL	C[C@H]1CC2c(F)ccc2[C@H]1NC(=O)N1C[C@H]1[C@H]2OCC(C(=O)N2)C2ccc21
vOr7a-ppi1-66	Z2157310224	-9.1	0.273	437.458	REAL	O=C1CN(c2ccc(-c3no(-c4ccc5[nH]j6ccc5c6)O)c5c4)3)cc2)CC1
vOr7a-ppi1-67	Z2157917647	-9.1	0.281	429.435	REAL	C[C@H]1(c2ccc([C@H]3)C(C)C(=O)NC3=O)c2)no1)ccc2ccc2c1=O
vOr7a-ppi1-68	Z2171979283	-9.1	0.29	416.436	REAL	C[C@H]1(c2ccc(-c3no(-c4ccc5c(e4)CCCC5=O)n3)cc2)NC1=O)NC1=O
vOr7a-ppi1-69	Z2265466591	-9.1	0.31	385.47	REAL	Cc1ccc(-c2nnc3n2[C@H]1(C)C(=O)Nc2ccc4[nH]j3c4c2)CC3)c1
vOr7a-ppi1-70	Z442663522	-9.1	0.265	490.563	REAL	O=C1C5c2ccc(NC(=O)c3ccc(C(=O)Nc4ccc5c(e4)NC(=O)CC5)3)cc2N1
vOr7a-ppi1-71	Z448918812	-9.1	0.257	464.528	REAL	Cc1ccc(-c2cc(C(=O)N)NC(=O)N)C[C@H]1(C)C3n4ccc4c4[nH]j3)ccc3c2)cc1
vOr7a-ppi1-72	Z770162286	-9.1	0.265	449.509	REAL	O=C1c1ccc(N2C(=O)c3ccc3C2=O)c1)N1CC(C)C[C@H]1(c2ccc3ccc3[nH]2)C1
vOr7a-ppi1-73	Z998852352	-9.1	0.273	436.514	REAL	O=C1c2ccc2[nH]j2ncc2)N1CC(C)C[C@H]1(C)C(=O)N2C3ccc3c3-c3ccc3c2)C1
vOr7a-ppi1-74	ZINC00002831958	-9.1	0.25	470.531	ZINC	Cc1cc(-c2ccc(N=C3c4ccc4NC3=O)c(C)2)ccc1N=C1c2ccc2N2C1=O
vOr7a-ppi1-75	ZINC00004522785	-9.1	0.265	444.445	ZINC	Nc1ccc2c1(C)O)c1ccc(Nc3ccc4c3)C1(=O)c3ccc3c3)C4=O)C1=O
vOr7a-ppi1-76	ZINC00006444984	-9.1	0.273	444.505	ZINC	O=C(O)CNC(=O)c1ccc2c3c1)C[C@H]1C=CC[C@H]1CN3[C@H]1(C)C(=O)C[C@H]1CC=C[C@H]21
vOr7a-ppi1-77	ZINC00012436788	-9.1	0.273	431.446	ZINC	O=C1Nc1ccc2c1(C(=O)[C@H]1)C=CC=C[C@H]1C2=O)c1ccc2c1(C)O)c1ccc1-2
vOr7a-ppi1-78	ZINC00015080442	-9.1	0.273	437.494	ZINC	O=C1c2ccc2c3c(ccc3)C2)C[C@H]1CCCN(C(=O)c2ccc(=O)c3ccc3c2)C1
vOr7a-ppi1-79	ZINC00018117591	-9.1	0.273	431.446	ZINC	O=C1Nc1ccc2c1(C(=O)[C@H]1)C=CC=C[C@H]1C2=O)c1ccc2c1(C)O)c1ccc1-2
vOr7a-ppi1-80	ZINC00019973984	-9.1	0.29	416.523	ZINC	CC(C)c1ccc([C@H]2CC(=O)c3ccc4nc(N5CCOCC5)nc1)O)c4c3)cc1
vOr7a-ppi1-81	ZINC000100737710	-9.1	0.273	431.446	ZINC	O=C(Nc1ccc2c1(C)O)C[C@H]1(C)C=CC=C[C@H]1C2=O)c1ccc2c1(C)O)c1ccc1-2
vOr7a-ppi1-82	ZINC00029542679	-9.1	0.265	477.54	ZINC	C[C@H]1Cc2ccc2N1S(=O)(=O)c1ccc(C(=O)Nc2ccc3c2)NC(=O)C[C@H]1(C)O3)c1
vOr7a-ppi1-83	ZINC000257198807	-9.1	0.281	428.578	ZINC	O=C1[nH]j2c1CC1ccc1-2)N1CC(C)C[C@H]1(C)C3C[C@H]1(C)C4CCCC1[C@H]34)C[C@H]21
vOr7a-ppi1-84	ZINC000408826920	-9.1	0.3	391.469	ZINC	Cc1ccc([C@H]2Nc3ccc4c3)C[C@H]3C=CC[C@H]3)C1(=O)c2ccc2C4=O)cc1
vOr7a-ppi1-85	ZINC000408831744	-9.1	0.3	411.887	ZINC	O=C1c2ccc2C(=O)c2c1ccc1c2)C[C@H]2C=CC[C@H]2)C1(C)C(=O)C1ccc2C1)N1
vOr7a-ppi1-86	PV-001793587453	-8.9	0.27	457.455	REAL	CC(=O)Nc1ccc(NC(=O)C[C@H]2CC3nnc(-c4ccc(C)4)3)C2)c(C)F)F)1
vOr7a-ppi1-87	PV-001800444863	-8.9	0.287	437.901	REAL	C[C@H]1(C)C(=O)Nc2cc(C(=O)N)CC3ccc(-c4ccc(C)cc4)cc3)ccc2N1C
vOr7a-ppi1-88	PV-001834031082	-8.9	0.342	358.484	REAL	O=C1C1C[C@H]1(C)C(=O)Nc2cc(C3CCCC3)1[nH]2)C[C@H]1C2CCCC1[C@H]2N1
vOr7a-ppi1-89	PV-001836932620	-8.9	0.287	437.901	REAL	CN1CC(C(=O)Nc2cc(C(=O)N)CC3ccc(-c4ccc(C)cc4)cc3)ccc21
vOr7a-ppi1-90	PV-001850179638	-8.9	0.307	387.398	REAL	O=C(Nc1ccc1)Nc1ccc(C(=O)Nc2[nH]j3ccc2O)ccc1c2)cc1
vOr7a-ppi1-91	PV-001856498358	-8.9	0.33	366.463	REAL	Cc1ccc(C)cc(-c2cc(NC(=O)C[C@H]3CC(=O)N)C[C@H]4)CC(C)C[C@H]4)3)cc2)cc1
vOr7a-ppi1-92	PV-001869140399	-8.9	0.297	404.429	REAL	Cc1ccc(C)cc(-c2cc(NC(=O)c3ccc(C)4c(=O)N)j1O)nc3)1[nH]2)cc1C
vOr7a-ppi1-93	PV-001945884979	-8.9	0.27	453.419	REAL	O=C(NNC(=O)c1ccc2ccc2)O)N)C[C@H]1c1ccc2ccc2c1)C2)cc1F
vOr7a-ppi1-94	PV-001947448281	-8.9	0.33	367.383	REAL	NC(=O)Nc1ccc(NC(=O)N2CC3c3c([nH]j4ccc34)C2)cc1F
vOr7a-ppi1-95	Z1069479288	-8.9	0.287	418.491	REAL	C[C@H]1Oc2ccc(C(=O)C3CCN(C(=O)c4ccc5c4)CC5)CC3)cc2NC1=O
vOr7a-ppi1-96	Z1123944616	-8.9	0.254	495.53	REAL	C[C@H]1Oc2ccc(NC(=O)c3ccc(S(=O)(=O)N4c5ccc5c4)CC5)CC3)cc2NC1=O

Name	Catalog ID	Score	LE	MW	Library	SMILES
vOr7a-ppil-101	Z1314038517	-8.9	0.270	442.47	REAL	Cc1ccc(C(=O)N)ccc2ccc(c3ccc4c(c3)CCO4)cc2nc2nc(O)[nH]c(=O)c12
vOr7a-ppil-102	Z1344205818	-8.9	0.270	440.59	REAL	O=C(C[C@H]1C[C@@H]12Cc1ccc12)N1CCCN(C(=O)O)[C@H]2[C@@H]23Cc2ccc23)CC1
vOr7a-ppil-103	Z1447518399	-8.9	0.297	406.46	REAL	Cc1ccc2[nH]c(c1)[C@H]3CCCN(C(=O)c4ccc5(cc4F)NCC(=O)CC5)C3me2e1
vOr7a-ppil-104	Z1452822444	-8.9	0.330	366.44	REAL	C[C@H]1CC2cc(F)ccc2[C@H]1N(C)=O)c1ccc2(c1)C(C)C(C)=O)N2
vOr7a-ppil-105	Z1472744572	-8.9	0.287	418.45	REAL	Cc1[nH]nHj(c1NC(=O)c2ccc3c(c2)C(C)C(C)=O)N3j1-c1ccc2(c1)OCCO2
vOr7a-ppil-106	Z1522533358	-8.9	0.278	433.51	REAL	C[C@H]1C2ccc-c3ccc(CNC(=O)C4CCC5(C4)NC(=O)NC5=O)c3ccc2O1
vOr7a-ppil-107	Z1601183738	-8.9	0.287	417.47	REAL	NC(=O)c1[nH]j2ccc[nH]c(c1)[C@H]3CCCC[C@H]1N4(C(=O)c5ccc5C4=O)C3jcc12
vOr7a-ppil-108	Z1610573477	-8.9	0.278	443.48	REAL	Cc1ccc2ccc2nc1NCC(=O)c1ccc2(c1)S(=O)(=O)c1ccc1C2=O
vOr7a-ppil-109	Z1683817915	-8.9	0.278	432.48	REAL	CC(=O)N1CCN(c2ccc-c3noc-c4ccc5c(c4)C(C)C(C)=O)N5j3)ccn2)CC1
vOr7a-ppil-110	Z1684062486	-8.9	0.297	403.44	REAL	CC1(C)C(C)=O)Nc2ccc-c3nc-c4ccc(N5CCN(C)=O)C5)ccc4)no3)cc21
vOr7a-ppil-111	Z1684064363	-8.9	0.287	413.48	REAL	O=C1CN(c2ccc-c3noc-c4ccc5[nH]j6c(c5c4)CCC6c5)no3)cc2)CCN1
vOr7a-ppil-112	Z1684199339	-8.9	0.307	388.39	REAL	Cc1[nH]j2ccc-c3noc-c4ccc5c(c4)c(=O)[nH]c(=O)N5)no3)cc2c1C
vOr7a-ppil-113	Z1684199417	-8.9	0.342	349.35	REAL	Cc1[nH]j2ccc-c3noc-c4ccc5c(c4)O)COC5)no3)cc2c1C
vOr7a-ppil-114	Z1684579693	-8.9	0.297	404.43	REAL	C[C@H]1(c2ccc-c3noc-c4ccc5c(c4)O)C(C)C(C)=O)N1=O
vOr7a-ppil-115	Z1684579912	-8.9	0.297	403.40	REAL	C[C@H]1(c2ccc-c3noc-c4ccc5c(c4)N(C)=O)C5)no3)cc2)N1=O)N1=O
vOr7a-ppil-116	Z1684580156	-8.9	0.287	415.41	REAL	Cn1c(=O)ccc-c2nc-c3ccc(C[C@H]4(C)N(C)=O)NC4=O)C3)no2)ccc2c1
vOr7a-ppil-117	Z1684580280	-8.9	0.287	414.46	REAL	C[C@H]1(c2ccc-c3noc-[C@H]4(C)C[C@H]45CCC4ccc45)no3)cc2)N1=O)N1=O
vOr7a-ppil-118	Z1684580286	-8.9	0.270	443.44	REAL	C[C@H]1(c2ccc-c3noc-c4ccc5c(c4)C(C)C(C)=O)N1=O
vOr7a-ppil-119	Z1684580444	-8.9	0.297	399.41	REAL	Cc1ccc-c2nc-c3ccc(C[C@H]4(C)N(C)=O)NC4=O)C3)no2)ccc2n1
vOr7a-ppil-120	Z1684581049	-8.9	0.287	417.40	REAL	Cc1ccc-c2nc-c3ccc(C[C@H]4(C)N(C)=O)NC4=O)C3)no2)ccc2n1
vOr7a-ppil-121	Z1684581074	-8.9	0.307	392.39	REAL	C[C@H]1(c2ccc-c3noc-[C@H]4(C)C[C@H]44ccc4)no3)cc2)N1=O)N1=O
vOr7a-ppil-122	Z1684581455	-8.9	0.278	427.46	REAL	CC(C)c1ccc-c2nc-c3ccc(C[C@H]4(C)N(C)=O)NC4=O)C3)no2)ccc2n1
vOr7a-ppil-123	Z1684581792	-8.9	0.270	438.44	REAL	C[C@H]1(c2ccc-c3noc-C4ccc5c(cc6ccc65)no3)cc2)N1=O)N1=O
vOr7a-ppil-124	Z1684582483	-8.9	0.307	406.47	REAL	Cc1ccc2(c1)S(C)[C@H]1c1ccc-c2ccc(C[C@H]4(C)N(C)=O)NC4=O)C3)no1)C2
vOr7a-ppil-125	Z1684582608	-8.9	0.287	440.84	REAL	C[C@H]1(c2ccc-c3noc-c4ccc(C)5c(c4)OCCO5)no3)cc2)N1=O)N1=O
vOr7a-ppil-126	Z1684583348	-8.9	0.297	401.39	REAL	C[C@H]1(c2ccc-c3noc-c4ccc-c5n[nH]5)j4)no3)cc2)N1=O)N1=O
vOr7a-ppil-127	Z1684583587	-8.9	0.330	361.40	REAL	CC1(C)C(C)=O)Nc2ccc-c3nc-[C@H]4(C)O5ccc5c4)no3)cc21
vOr7a-ppil-128	Z1685086980	-8.9	0.297	395.38	REAL	O=c1[nH]j2ccc-c3noc-c4ccc-c5ccc5)no3)cc2)no1)j2
vOr7a-ppil-129	Z1685375198	-8.9	0.297	401.39	REAL	CN(C)c1ccc-c2nc-c3ccc(nH]c(=O)[nH]j(c1=O)c4c3n2)ccc2n1
vOr7a-ppil-130	Z1685436842	-8.9	0.318	374.36	REAL	CN1C(=O)c2ccc-c3nc-c4ccc5c(c4)CCC(=O)N5)no3)cc2C1=O
vOr7a-ppil-131	Z1685438276	-8.9	0.307	390.36	REAL	Cn1c(=O)[nH]j(c1=O)c2ccc-c3nc-c4ccc5c(c4)CCC(=O)N5)no3)cc21
vOr7a-ppil-132	Z1685438656	-8.9	0.318	374.40	REAL	CC1(C)C(C)=O)Nc2ccc-c3nc-c4ccc5c(c4)CCC(=O)N5)no3)cc21
vOr7a-ppil-133	Z1723436569	-8.9	0.247	475.51	REAL	Cn1c(=O)[nH]j2ccc-c3ccc(C(=O)N)C4ccc-c5n5ccc5c6)no3)cc2)j2
vOr7a-ppil-134	Z1723437103	-8.9	0.247	479.54	REAL	Cn1c(=O)[nH]j2ccc-c3ccc(C(=O)N)C4ccc-c5n5ccc5c6)no3)cc2)j2
vOr7a-ppil-135	Z1723442804	-8.9	0.287	417.47	REAL	Cc1ncc(C[C@H]2CCCN(C(=O)c3ccc-c4ccc5[nH]j(c1=O)N(C)5c4)C3)C2)nH1
vOr7a-ppil-136	Z1744659652	-8.9	0.318	372.40	REAL	O=C1CC2c2cc(NC(=O)c3ccc-c4(c3)ccc5c(c4)F)Fcc2N1
vOr7a-ppil-137	Z1750748345	-8.9	0.270	440.50	REAL	Cc1ccc(NC(=O)c2ccc2)cc1NC(=O)N1CC(C)[C@H]2(C)C1=O)N1ccc1c2
vOr7a-ppil-138	Z1763722201	-8.9	0.278	423.48	REAL	O=C1c1ccc2[nH]j3ccc3c(=O)c2e1)N1CC(C)[C@H]1C2=O)N3ccc2)C1
vOr7a-ppil-139	Z1767358997	-8.9	0.307	447.33	REAL	Cc1ccc(Br)c2(c1)CN(C=O)c1ccc3[nH]j4ccc4(c1=O)c3e1)CC2
vOr7a-ppil-140	Z1767888779	-8.9	0.270	437.45	REAL	O=C(O)C1c1ccc-c2ccc3c(c1)C(C)C3)c1ccc2[nH]j3ccc3c(=O)c2e1
vOr7a-ppil-141	Z1771195936	-8.9	0.287	416.39	REAL	O=C1Nc1ccc-c2ccc(F)c2F)nH1j1ccc2[nH]j3ccc3c(=O)c2e1
vOr7a-ppil-142	Z1772036337	-8.9	0.287	412.42	REAL	Cc1ccc(F)c1-c2ccc(NC(=O)c3ccc4[nH]j5ccc5c(=O)c4)3)no1)j2c1
vOr7a-ppil-143	Z1890551840	-8.9	0.278	428.45	REAL	CC1(C)C(C)=O)Nc2ccc-c3nc(C(=O)N)C4C5c4ccc45)no3)cc21
vOr7a-ppil-144	Z1897796092	-8.9	0.297	401.43	REAL	Cc1[nH]j2ccc2c1C1=CCN(C(=O)N)[C@H]2CC3ccc3c1)OCC3)CC1
vOr7a-ppil-145	Z1934679339	-8.9	0.307	393.42	REAL	CN1CCC(=O)Nc2ccc(C(=O)N)C3ccc-c4ccc4)ccc3)Fcc2
vOr7a-ppil-146	Z1940876310	-8.9	0.297	423.47	REAL	Cc1ccc(F)cc1-c1nnc(NC(=O)N)N2CC(C)[C@H]3(C)C1=O)N2ccc2)j1
vOr7a-ppil-147	Z1949761967	-8.9	0.270	448.45	REAL	O=C1CC2c2cc(F)c(NC(=O)c3ccc(NN4(C=O)[C@H]5CC5CC1[C@H]5)C4=O)c3)cc2N1
vOr7a-ppil-148	Z1956676322	-8.9	0.330	354.41	REAL	O=C1CCC2c2ccc-c3ncc4ccc5ccc5c4=O)N1nH3)ccc21
vOr7a-ppil-149	Z2155928866	-8.9	0.287	433.43	REAL	O=C1c2ccc2[nH]j2ccc-c3nc-c4ccc(C)5c(c4)OCCO5)no3)cc21
vOr7a-ppil-150	Z2157699278	-8.9	0.270	435.44	REAL	Cc1[nH]j(c1=O)n1-c1ccc-c2noc-c3ccc4[nH]j5ccc5c(=O)c4e3)no2)j1
vOr7a-ppil-151	Z2157918411	-8.9	0.297	402.41	REAL	C[C@H]1(c2ccc-c3noc-[C@H]4(C)C(C)=O)c5ccc5c4)no3)cc2)N1=O
vOr7a-ppil-152	Z2158388125	-8.9	0.270	436.43	REAL	Cc1c-c2ccc2)oc2c-c3nc-c4ccc5[nH]j(c1=O)[nH]j5c4)no3)ccc2e1=O
vOr7a-ppil-153	Z2158588243	-8.9	0.278	420.43	REAL	COc1ccc-c2noc-c3ccc4[nH]j5ccc5c(=O)c4e3)no2)ccc2n1
vOr7a-ppil-154	Z2170585290	-8.9	0.297	404.47	REAL	O=C1Nc1ccc2[nH]j(c1N3CCOCC3)me2e1)j1ccc2c1)1)CCCC2=O
vOr7a-ppil-155	Z2171666043	-8.9	0.297	406.44	REAL	O=C1COc2(ccccc2NC(=O)N)2CC(C)[C@H]3(C)=O)Nc4ccc4)C3)CC2)N1
vOr7a-ppil-156	Z2171893341	-8.9	0.287	416.44	REAL	C[C@H]1(c2ccc-c3noc-c4ccc5c(c4)O)C(C)C(C)=O)N1=O
vOr7a-ppil-157	Z2171979271	-8.9	0.297	404.43	REAL	CC1(C)COc2ccc-c3nc-c4ccc(C[C@H]5(C)N(C)=O)NC5=O)c4)no3)cc21
vOr7a-ppil-158	Z2171986052	-8.9	0.330	355.40	REAL	O=C1CCC2c2ccc-c3nc-c4ccc5ccc5c4)no3)ccc21
vOr7a-ppil-159	Z2172136505	-8.9	0.330	355.40	REAL	O=C1CCC2c2ccc-c3nc-c4ccc5ccc5c4)no3)ccc21
vOr7a-ppil-160	Z2193902171	-8.9	0.278	421.42	REAL	Cc1c-c2ccc2)oc2c-c3nc-c4ccc5[nH]j5ccc5c4)no3)ccc2e1=O
vOr7a-ppil-161	Z2221930694	-8.9	0.287	421.36	REAL	C[C@H]1(c2ccc-c3noc-c4ccc5c(F)ccc5)F)c54)no3)cc2)N1=O)N1=O
vOr7a-ppil-162	Z2232448624	-8.9	0.270	443.55	REAL	O=C1c1ccc2[nH]j3ccc2e1)N1CC(C)[C@H]1(C)=O)N2[C]C@H]3(C)CCCN3c3ccc3)C1
vOr7a-ppil-163	Z230809316	-8.9	0.247	491.58	REAL	C[C@H]1c2ccc3(cc2C2)CCCC2)CN1(C=O)CC1(=O)c1ccc2(c1)OCCO2)OCCO3
vOr7a-ppil-164	Z24127003	-8.9	0.287	418.45	REAL	O=C1CN(C(=O)CO)c2ccc3c4c(c1=O)oc3e2)CCCC4)2ccc2N1
vOr7a-ppil-165	Z2691526808	-8.9	0.318	370.45	REAL	C[C@H]1(C)C(=O)Nc2ccc2CN1(C=O)[C@H]1(C)C[C@H]1c1ccc2ccc2e1
vOr7a-ppil-166	Z2902676431	-8.9	0.254	464.48	REAL	C[C@H]1(c2ccc-c3nc-c4ccc(Cn5ccc5ccc6)no3)cc2)N1=O)N1=O
vOr7a-ppil-167	Z2902893029	-8.9	0.247	484.53	REAL	CC1(C)C(C)=O)Nc2ccc-c3nc-c4ccc(N5CCN(c6ccc(F)c6)CC5)no4)no3)cc21
vOr7a-ppil-168	Z2903520995	-8.9	0.297	400.40	REAL	Cc1c-c2noc-c3ccc-c4ccc5ccc5c4)no3)no2)j1)N1=O)N1=O
vOr7a-ppil-169	Z297252242	-8.9	0.241	487.52	REAL	O=C1CN(C=O)j1ccc-c2ccc3ccc2)me2ccc1)2)N1ccc2[nH]j(c1=O)[nH]j2c1
vOr7a-ppil-170	Z27063666	-8.9	0.287	410.43	REAL	C[C@H]1(c2ccc(NC(=O)c3ccc4ccc44cccnc34)cc2)N1=O)N1=O
vOr7a-ppil-171	Z988062428	-8.9	0.241	494.60	REAL	O=C1Nc1ccc(CCN(=O)N)2CC(C)3ccc3)cc1)N1CC(C)c2ncc3ccc2)CC1
vOr7a-ppil-172	Z998960316	-8.9	0.254	469.59	REAL	Cc1[nH]j2ccc2c1C1CCN(C(=O)O)[C@H]2CCCN(C(=O)c3ccc4[nH]j4ccc4)C2)CC1
vOr7a-ppil-173	ZINC000003182996	-8.9	0.278	439.45	ZINC	O=C1ccc2(O)ccc2e1-c1ccc-c2ccc3(ccc4ccc4)oc2=O)n1
vOr7a-ppil-174	ZINC000003257351	-8.9	0.270	449.54	ZINC	O=C1ncc2c3c(c2e2nc-c4ccc-c5ccc5)nc5ccc54)nn2)1)CCCC3
vOr7a-ppil-175	ZINC000009059757	-8.9	0.262	457.53	ZINC	Cc1ccc2cc2cc2oc(=O)c1CC(=O)N=c1[nH]j2ccc2nH1)OCC1(CCCC1)CC3
vOr7a-ppil-176	ZINC000009561286	-8.9	0.247	477.57	ZINC	Cc1ccc(N2CCN(C(=O)c3ccc(Nc4ccc5ccc5nnc45)C3)C)C@H]2C)C1
vOr7a-ppil-177	ZINC00013590233	-8.9	0.254	470.57	ZINC	Cc1ccc(N2C(=O)C[C@H]3(C)C=C[C]C@H]4(C)=O)N5ccc(C)C5)C(=O)C[C@H]4(C)C2=O)cc1C
vOr7a-ppil-178	ZINC00013639687	-8.9	0.297	401.43	ZINC	Cc1ccc(C[C@H]2CC(C)=O)c3ccc4[nH]j(c1=O)N(C)5)cc(=O)c4)3)C2)C1
vOr7a-ppil-179	ZINC00019973970	-8.9	0.307	390.44	ZINC	Cc1ccc(C[C@H]2CC(C)=O)c3ccc4ncc(N5CCOCC5)no3)cc2)C2)C1
vOr7a-ppil-180	ZINC00038704217	-8.9	0.254	492.56	ZINC	Cc1ccc(C)nc(N)S(=O)(=O)c2ccc(NC(=O)c3ccc-c4ccc(C)5c(c4)O)nH3)cc2n1
vOr7a-ppil-181	ZINC00049947087	-8.9	0.270	427.51	ZINC	O=C1N(C)C2ccc3ccc3)cc2)ccc2)2)N1ccc3ccc3(c3)N2
vOr7a-ppil-182	ZINC00057709837	-8.9	0.262	450.45	ZINC	O=c1[nH]j2ccc3cc2e1)CNc1ccc2nc-c4ccc5[nH]j5ccc5)j4)no2e1)OCCO3
vOr7a-ppil-183	ZINC00098023339	-8.9	0.234	541.35	ZINC	O=C1c1ccc2(c1)C(=O)N1c1ccc(C)j1)C2=O)c1ccc2(c1)C(=O)N1c1ccc(C)j1)C2=O
vOr7a-ppil-184	ZINC00106688954	-8.9	0.228	511.58	ZINC	Cc1ccc(N2C(=O)C[C@H]3(C)C=C[C]C@H]2)C4ccc4)C=NN2)C[C@H]3(C)C(=O)c2ccc-c3ccc3)cc2c1
vOr7a-ppil-185	ZINC00101344116	-8.9	0.241	489.51	ZINC	O=C1c1ccc(F)cc1)[C@H]1(C)[C@H]2(C)=O)N3ccc4ccc4c3)C1=O)[C@H]2)C[C@H]2)ccc3ccc3)C=NN21
vOr7a-ppil-186	ZINC00104480052	-8.9	0.247	490.95	ZINC	O=C1NC1=CC=C[C@H]2(C)=O)c3ccc3)C1=O)[C@H]2)1)ccc-c2ccc2)C1ncc2ccc21
vOr7a-ppil-187	ZINC00248341954	-8.9	0.262	451.53	ZINC	Cc1ccc2(c1)CN(C)=O)[C@H]2(C)C(=O)N1c3ccc4ccc4c3)C1=O)[C@H]2(C)C(=O)N1
vOr7a-ppil-188	ZINC00257198481	-8.9	0.270	444.58	ZINC	O=C1c1ccc-c2ccc3c(c1)CCO3)nH1)N1CCCC2=C[C@H]3(C)[C@H]4N(C)CC(C)C[C@H]34)C@H]21
vOr7a-ppil-189	ZINC00257198806	-8.9	0.278	428.58	ZINC	O=C1c1n[nH]j2c1CCc1ccc1-2)N1CCCC2=C[C@H]3(C)[C@H]4N(C)CC(C)C[C@H]34)C@H]21
vOr7a-ppil-190	ZINC002524729079	-8.9	0.241	491.50	ZINC	O=C1C1(C)[C@H]2ccc3ccc3c4c3n(c2=O)CCC4)c2c(cc(O)c3c(=O)c4)ccc4)oc3)O1
vOr7a-ppil-191	PV-001796027985	-8.8	0.314	374.48	REAL	Cc1ccc(NC(=O)c2ccc3c(c2)CCCC3=O)c2[nH]j(C)c1c2e1
vOr7a-ppil-192	PV-001798023552	-8.8	0.326	356.42	REAL	Cc1ccc(F)c2ccc(C(=O)N)ccc4c(c3)N(C)=O)C4)c2e1
vOr7a-ppil-193	PV-001856498559	-8.8	0.314	373.46	REAL	Cc1ccc(C)cc1-c2ccc(NC(=O)c3ccc4c(c3)CCCC4=O)nH2)j1
vOr7a-ppil-194	PV-001867470273	-8.8	0.303	400.36	REAL	O=C1Nc1ccc(O)c2ccc2n1)C1=C2ccc2)O[C]1(C)F(F)F
vOr7a-ppil-195	PV-001913003467	-8.8	0.303	394.57	REAL	CC(C)c1ccc2(c1)CC[C@H]1(C)[C@H]2(C)C(N)C3n(N)N3)CC(C)C[C@H]21C
vOr7a-ppil-196	PV-001947319179	-8.8	0.338	346.43	REAL	Cc1ccc(NC(=O)N)[C@H]2CC3ccc(O)ccc3)C2)ccc2e1
vOr7a-ppil-197	Z1413841078	-8.8	0.314	371.44	REAL	Cc1ccc-c2n[nH]j2Cc=C(C)C(=O)c2ccc3c(c2)C(C)C(C)=O)N3)cc1
vOr7a-ppil-198	Z1448126436	-8.8	0.303	394.36	REAL	O=C1CC2c2cc(C(=O)N)C3[nH]j3ccc3-c3ccc4c(c3)OCCO4)F)Fcc2N1

Name	Catalog ID	Score	LE	MW	Library	SMILES
vN-rna1-101	ZINC000013729659	-10.1	0.273	7.00	ZINC	O=C1[C@H]2[C@@H]3CCCN3[C@]13c4ccc4-n4c3ccc3c4=O[C@H]2(C=O)N1ccc(F)cc1
vN-rna1-102	ZINC000016037199	-10.1	0.273	5.00	ZINC	O=C(c1ccc(Cl)cc1)[C@H]1[C@@H]2[C@H]3C(=O)N(c3ccc4ccc43)C1=O[C@H]2[C@H]3ccc3C=CN2
vN-rna1-103	ZINC00002053996	-10.1	0.297	5.00	ZINC	O=C(O)C12c3ccc3C(c3ccc31)[C@H]1C(O)N(c3ccc4ccc43)C1=O[C@H]12
vN-rna1-104	ZINC000020572281	-10.1	0.273	7.00	ZINC	O=C1Nc2ccc(F)cc2[C@@H]2N[C@H]1C(c1[nH]3ccc13)[C@H]1(C=O)N(c3ccc(F)cc3)C1=O[C@H]12
vN-rna1-105	ZINC000034856480	-10.1	0.297	6.00	ZINC	Cc1cc2c(c1)N(C=O)[C@@H]2[C@H]1C(=O)N(c3ccc4ccc43)C1=O[C@H]2[C@H]1CCN2
vN-rna1-106	ZINC00005903503	-10.1	0.297	6.00	ZINC	O=C1[C@H]2[C@@H]1(C=O)N1c1ccc3ccc31C1c3ccc3C2([N+]=O)O1c2ccc21
vN-rna1-107	ZINC000065111374	-10.1	0.273	8.00	ZINC	Cc1ccc(-c2ncc(-c3nn(CC(=O)N4CCN(c5ccc5F)C4)ccc43)n2)cc1
vN-rna1-108	ZINC000101262757	-10.1	0.289	9.00	ZINC	O=C1[C@H]2N=NN(Cc3nc(-c4ccc(C(F)F)4)no3)[C@@H]2(C=O)N1ccc2c1c1CCC2
vN-rna1-109	ZINC000101262763	-10.1	0.289	9.00	ZINC	O=C1[C@H]2N=NN(Cc3nc(-c4ccc(C(F)F)4)no3)[C@@H]2(C=O)N1ccc2c1c1CCC2
vN-rna1-110	ZINC00025472125	-10.1	0.281	7.00	ZINC	O=C(N=C1N=C2C=CC(Br)=CN2C2ccc2)1c1ccc2c1S(=O)(=O)c1ccc1C2=O
vN-rna1-111	ZINC000408731315	-10.1	0.266	5.00	ZINC	Cc1ccc(Ck(N2C=O)[C@H]3[C@@H]1(C2=O)[C@H]2(C=O)O)c4ccc5ccc4C2=C1[C@H]3c2ccc2)cc1
vN-rna1-112	ZINC000409367716	-10.1	0.281	6.00	ZINC	O=C1[C@H]2[C@@H]1(C=O)N1c1ccc(-c3ccc3)cc1C1c3ccc3C2([N+]=O)O1c2ccc21
vN-rna1-113	Z1000936770	-10.0	0.278	9.00	REAL	C1C@H]1(c2ccc(CNC1=O)c3ccc(NC1=O)[C@H]1C4c5ccc5O4)3c2)NC1=O
vN-rna1-114	Z100348282	-10.0	0.345	8.00	REAL	C1C@H]1(c2ccc(CNC1=O)c3ccc(NC1=O)[C@H]1C4c5ccc5O4)3c2)NC1=O
vN-rna1-115	Z1022554804	-10.0	0.286	9.00	REAL	Cc1ccc(NC1=O)[C@H]1CC2ccc2N1C1=O)c1ccc(N2CCC2=O)cc1
vN-rna1-116	Z1037876966	-10.0	0.294	6.00	REAL	Cc1ccc(NC1=O)[C@H]1CC2ccc2N1C1=O)c1ccc(N2CCC2=O)cc1
vN-rna1-117	Z103787046	-10.0	0.278	7.00	REAL	Cc1ccc(NC1=O)[C@H]1CC2ccc2N1C1=O)c1ccc(N2CCC2=O)cc1
vN-rna1-118	Z1043026382	-10.0	0.278	8.00	REAL	Cc1ccc(NC1=O)[C@H]1CC2ccc2N1C1=O)c1ccc(N2CCC2=O)cc1
vN-rna1-119	Z1069484738	-10.0	0.278	7.00	REAL	C1C@H]1CC2c1[nH]3ccc(C1=O)N4CC(C1=O)c5ccc6(c5)NC1=O[C@H]1C(O)6C1ccc2c1C2
vN-rna1-120	Z1069484924	-10.0	0.278	7.00	REAL	C1C@H]1CC2c1[nH]3ccc(C1=O)N4CC(C1=O)c5ccc6(c5)NC1=O[C@H]1C(O)6C1ccc2c1C2
vN-rna1-121	Z1071336660	-10.0	0.294	9.00	REAL	C1C@H]1CC2c1[nH]3ccc(C1=O)N4CC(C1=O)c5ccc6(c5)NC1=O[C@H]1C(O)6C1ccc2c1C2
vN-rna1-122	Z1075593418	-10.0	0.303	10.00	REAL	Cc1cc2n1n1)[C@H]1N(C1=O)N1CCC(C1=O)c3ccc4c3)NC1=O)[C@H]1C(O)4)CC1
vN-rna1-123	Z1095050586	-10.0	0.286	10.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-124	Z109829510	-10.0	0.286	8.00	REAL	CNC1=O)[C@H]1CN(C1=O)c2ccc(S(=O)(=O)N3CCc4ccc43)2c2ccc2O1
vN-rna1-125	Z1160993086	-10.0	0.286	9.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-126	Z116178562	-10.0	0.278	9.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-127	Z1161365763	-10.0	0.294	8.00	REAL	O=C(Nc1ccc(NC1=O)c2n1nH3)cc1c3ccc223)c1Nc1ccc2c1CCCC2
vN-rna1-128	Z1273151877	-10.0	0.323	9.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-129	Z14076580	-10.0	0.313	6.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-130	Z144835264	-10.0	0.294	7.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-131	Z1506268298	-10.0	0.303	7.00	REAL	Cc1cc2c2c1(C=O)Nc3nc(-c4ccc5ccc5n4)nH3)3c3C1mcc32)C1=O
vN-rna1-132	Z1518206238	-10.0	0.323	7.00	REAL	O=C(NCC1C1c2ccc22)N1CCN(C2=NS(=O)=O)c3ccc32)CC1
vN-rna1-133	Z1531730465	-10.0	0.313	8.00	REAL	O=C(Nc1ccc(-c2ccc2F)n1)c1ccc2c1(C1=O)N1CCCC1)C2=O
vN-rna1-134	Z16336950	-10.0	0.345	7.00	REAL	Cc1cc2c2c1(CN3C1=O)N[C@@H]4(Cc5ccc5C4)3C1=O)c1ccc2c1C1
vN-rna1-135	Z1663343305	-10.0	0.345	8.00	REAL	CC(=O)N1CCC(C@H)1c2ncc(-c3ccc(S(=O)(=O)N4CCCC4)3)cc2)C1
vN-rna1-136	Z1663347538	-10.0	0.313	7.00	REAL	O=S(=O)c1ccc(-c2ncc(C=Cc3ccc4ccc43)cc2)cc1N1CCCC1
vN-rna1-137	Z1690104786	-10.0	0.313	10.00	REAL	O=C(NNC(=O)[C@H]1[C@@H]2CC[C@H]1Nc1ccc1)1nH3)cc1c2ccc12
vN-rna1-138	Z1763534852	-10.0	0.345	10.00	REAL	O=C1c2ccc2c1(C=O)N1CCCC1=Nc2n3n1H3)cc1c2)cc1
vN-rna1-139	Z1763536530	-10.0	0.333	10.00	REAL	Cn1ccc2c1)0)nH3)cc1c2)cc1
vN-rna1-140	Z1890914262	-10.0	0.357	7.00	REAL	Cc1ncc2c1c1c1ncc(Cc4ccc4n3)cc1)C1mcc2
vN-rna1-141	Z1891089508	-10.0	0.303	8.00	REAL	Cc1ccc(C)cc2c1(C=O)c3ccc(-c4nc(-c5ccc6[nH]c6n5)no4)cc3C2=O)cc1
vN-rna1-142	Z1907886413	-10.0	0.313	9.00	REAL	Cc1cc(C=O)Nc2ccc3c2)N(C1N=O)CCC3)nm1-1c1ccc2ccc21
vN-rna1-143	Z1907890391	-10.0	0.357	7.00	REAL	Cc1cc(C=O)Nc2ccc3c2)N(C1N=O)CCC3)nm1-1c1ccc2ccc21
vN-rna1-144	Z1959809610	-10.0	0.294	7.00	REAL	CC(=O)N1Cc2ccc2C[C@@H]1c1ncc(-c2ccc(Cn3ccc4ccc43)cc2)no1
vN-rna1-145	Z1963622330	-10.0	0.303	7.00	REAL	Cc1ccc2c1(C)[C@H]1CN(C)CC[C@H]1N2C(=O)CN1C(=O)N[C@@H]2(Cc3ccc3C2)C1=O
vN-rna1-146	Z2041541983	-10.0	0.313	8.00	REAL	Cc1ncc2c1-c3noct(-c4ccc5c4)S(=O)(=O)c4ccc4C5=O)n3)ccc2n1nH1
vN-rna1-147	Z2041573042	-10.0	0.303	8.00	REAL	Cc1ccc(C)cc2c1(C=O)c3ccc(-c4nc(-c5ccc6[nH]c6c5)no4)cc3C2=O)cc1
vN-rna1-148	Z2090581044	-10.0	0.303	7.00	REAL	Cc1cc(C=O)N2(C)[C@H]1(c3ccc3)[C@H]3COCC[C@H]3]2c1n1-1c1ccc2ccc212
vN-rna1-149	Z2090603094	-10.0	0.313	5.00	REAL	CN(C)ccc1(-c2ncc(C1=O)N3CC[C@H]1(c4ccc4)[C@H]4COCC[C@H]4]3)2cc1
vN-rna1-150	Z2142506450	-10.0	0.370	8.00	REAL	C/C(=N)Nc1ccc2c2(=O)N1C1ccc1ccc(-n2cnn2)cc1
vN-rna1-151	Z2159645141	-10.0	0.303	8.00	REAL	Cc1ccc(-c2ncc(CN3C(=O)c4ccc4N4C(=O)CC(C)F@H]34)nc2ccc212
vN-rna1-152	Z2167301598	-10.0	0.357	6.00	REAL	O=C(Nc1ccc2ccc2s1)N1CCC(c2ncc3cc(F)ccc23)CC1
vN-rna1-153	Z2167663170	-10.0	0.357	8.00	REAL	O=C(Nc1ccc2ccc2n1)N1CCC(c2ncc3cc(F)ccc23)CC1
vN-rna1-154	Z2178247271	-10.0	0.303	6.00	REAL	O=C(c1ccc2c2(=O)c3ccc3nH3)12)N1CCC(c2ncc3cc(F)ccc23)CC1
vN-rna1-155	Z220351324	-10.0	0.313	7.00	REAL	NC(=O)[C@H]1CC2c2ccc2CN1C(=O)c1ccc2c1(S(=O)(=O)c1ccc1C2=O
vN-rna1-156	Z2206456474	-10.0	0.313	10.00	REAL	O=C(CN1C(=O)(C(F)O)c2ccc21)N(NC1=O)CC1CCN(c2ncc2)CC1
vN-rna1-157	Z2233035507	-10.0	0.313	8.00	REAL	Cc1ccc2ccc2c1[C@H]1(C=O)NCCN(C1=O)[C@H]1CC(c2c(F)ccc2F)N=O1
vN-rna1-158	Z2296193683	-10.0	0.357	8.00	REAL	O=C(Nc1ccc2n1)CCCC2)N1CCC(c2ncc3cc(F)ccc23)CC1
vN-rna1-159	Z24514298	-10.0	0.313	6.00	REAL	C1C@H]1(c2ccc3c2)CCC3)NC(=O)N(C2ccc(=O)oc3ccc4(cc23)CCC4)C1=O
vN-rna1-160	Z301910150	-10.0	0.294	8.00	REAL	O=C(C1[C@H]1CCCN(S(=O)(=O)c2ccc(F)cc2)C1)N1CCC(C@H]12)1c1ccc(F)cc1F
vN-rna1-161	Z3095156613	-10.0	0.357	6.00	REAL	Cc1cc(F)cc(-c2ncc(N3CC[C@H]3)C)C1=O)N3ccc34n2C)cc1
vN-rna1-162	Z3095561900	-10.0	0.345	9.00	REAL	Cn1cc(-c2ccc3ncc3n2)nm1c1N1CC[C@H]2(C)1(C=O)N1ccc12
vN-rna1-163	Z32994301	-10.0	0.278	8.00	REAL	Cc1cc(C=O)N(NC1=O)c2ccc3c2)S(=O)(=O)c2ccc2C3=O)C1n1-c1ccc1
vN-rna1-164	Z383456236	-10.0	0.263	8.00	REAL	Cc1cc(N2CCN(C1=O)c3cc(-c4ccc5ccc45)nc4ccc34)CC2)n2ncc2n1
vN-rna1-165	Z595981632	-10.0	0.303	7.00	REAL	O=C(Nc1ncc(C23C4CC(C)C4)C2)3)S1)N1CCN(C1=O)c2ccc2)CC1
vN-rna1-166	Z605475312	-10.0	0.294	10.00	REAL	Cc1cc(C)cc(C)cc(S(=O)(=O)N2CCN(C=O)c3ncc4nH3)cc1)0nH3)cc1c2)cc1C1C
vN-rna1-167	Z605598772	-10.0	0.270	8.00	REAL	C1C@H]1O)c1ccc2ccc2c1(C1=O)N(NC(=O)c1ccc(NC1=O)[C@H]2C3ccc3O2)cc1
vN-rna1-168	Z748713388	-10.0	0.286	9.00	REAL	O=C(Nc1ccc(C)cc1)N(C1=O)c1ccc1c1)C1=O)N1C(C)C@H]1CCO1)C2=O
vN-rna1-169	Z806248884	-10.0	0.286	7.00	REAL	O=C(C1[C@H]1CC(=O)Nc2ccc3c2)C2c2ccc2-3)C1)N1CCC(C@H]12)1c1ccc(F)cc1F
vN-rna1-170	Z87764900	-10.0	0.294	9.00	REAL	CN1C(=O)c2ccc(NC1=O)CN3C(=O)N[C@@H]1(C)4ccc5ccc45)C3=O)cc2C1=O
vN-rna1-171	Z920784194	-10.0	0.286	9.00	REAL	O=C(NNC(=O)N1CCOCC1)c1c2ncc3ccc13)C1=C(c1ccc3c1)OCC3)CC2
vN-rna1-172	Z94146048	-10.0	0.294	7.00	REAL	Cc1ncc(N2CCOCC2)nH3)cc1(O)C1CC(=O)N1CCC(c2ccc3ccc23)CC1
vN-rna1-173	Z966749662	-10.0	0.294	7.00	REAL	O=C(NNC(=O)[C@H]1CC2ccc2O1)c1c2ncc3ccc13)C1=C(c1ccc1)CC2
vN-rna1-174	Z980042734	-10.0	0.303	7.00	REAL	O=C(Nc1ncc(-c2ccc2n1)C1CC(C)C@H]2(C)C1=O)N1CCC(F)cc1F
vN-rna1-175	Z98231366	-10.0	0.270	6.00	REAL	O=C(NC1C@H]1CC2c3ccc3C1c1ccc12)[C@H]1CCCN(C1=O)c2ccc3nH3)cc3c2)C1
vN-rna1-176	ZINC00000990899	-10.0	0.286	5.00	ZINC	O=C1ccc(N2C(=O)[C@H]3[C@@H]1(C2=O)C2c4ccc4C3ccc32)cc1N1CCCC1
vN-rna1-177	ZINC00001380707	-10.0	0.286	8.00	ZINC	Cc1ccc2c1c1)nmn2)1CCN(S(=O)(=O)c2ccc(C1=O)N[C@@H]3)CC[C@H]3)C2=O)CC1
vN-rna1-178	ZINC00001641983	-10.0	0.278	9.00	ZINC	O=C1C(C=C)C2ccc(C1)cc2)N(NC1C@H]2N1N=C1N=C(O)C3(NN1)2)c1ccc1-1ccc13
vN-rna1-179	ZINC00002267002	-10.0	0.323	6.00	ZINC	O=C1C(C=C)C2ccc(C1)cc2)N(NC1C@H]2N1N=C1N=C(O)C3(NN1)2)c1ccc1-1ccc13
vN-rna1-180	ZINC00004846183	-10.0	0.238	8.00	ZINC	O=C1[nH]3c2ccc2n1C1CCN(Cc2ccc(-c3n4ccc5n[nH]5c4n3-c3ccc3)cc2)CC1
vN-rna1-181	ZINC00005955032	-10.0	0.278	9.00	ZINC	O=C1N(C)C2=NN3C(=O)C(C=C)4ccc(C1)cc4)N(NC1C@H]3N2N1)2c1ccc1-1ccc12
vN-rna1-182	ZINC00015972607	-10.0	0.270	7.00	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H]1(C2=O)C2c4ccc4C3ccc32)cc1N1CCCC1
vN-rna1-183	ZINC00016038238	-10.0	0.270	6.00	ZINC	O=C(c1ccc(Cl)cc1)[C@H]1[C@@H]2[C@H]3C(=O)N(c3ccc4ccc43)C1=O[C@H]2[C@H]3ccc3C=CN2
vN-rna1-184	ZINC00016387506	-10.0	0.270	7.00	ZINC	Cc1cc(C)cc(N2C(=O)[C@H]3[C@@H]1(C2=O)C2c4ccc4C3ccc32)cc1N1CCCC1
vN-rna1-185	ZINC000166466615	-10.0	0.286	9.00	ZINC	Cc1ccc(-c2ncc(-c3nn(C)4c3CN(S(=O)(=O)c3ccc5ccc53)CC4)cc2)cc1
vN-rna1-186	ZINC00017262736	-10.0	0.303	6.00	ZINC	Fc1ccc(N2CCN(C3ncc4c(-c5ccc(C1)c5)nmn44ccc43)CC2)cc1
vN-rna1-187	ZINC000196115782	-10.0	0.286	7.00	ZINC	C1C@H]1O)c2ccc2C=C1[C@H]1CC(=O)O)c2cc(O)c3c(-O)c(-c4cc(O)c4)cc3c21
vN-rna1-188	ZINC000196582005	-10.0	0.303	7.00	ZINC	O=C1Nc2ccc2C12c1c1c1c1c1ccc3cc1O)c1ccc3cc1O)c1c1
vN-rna1-189	ZINC000230021243	-10.0	0.286	7.00	ZINC	O=C1N=C(O)N(c2ccc(C)cc2)C1=O)[C@H]12c1ccc1N1CCN(c3ccc3)C1C@H]12
vN-rna1-190	ZINC000408679814	-10.0	0.263	5.00	ZINC	Cc1ccc(C)cc(NC(=O)c2ccc(N3C(=O)[C@H]4(C)C@H]3(C3=O)C3ccc5c4c4ccc43)cc1
vN-rna1-191	ZINC000408730071	-10.0	0.270	5.00	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H]1(C2=O)C2c4ccc4C3ccc32)cc1N1CCCC1
vN-rna1-192	ZINC000409334663	-10.0	0.263	7.00	ZINC	O=C1C1ccc2ncc3ccc4ccc43ncc2)1c1ccc(N2C(=O)c3ccc3C2=O)cc1
vN-rna1-193	ZINC000409334997	-10.0	0.278	7.00	ZINC	O=C1Nc1ccc2ccc2c1)Nc1ccc2ncc3ccc4ccc43ncc2)1c1ccc(N2C(=O)c3ccc3C2=O)cc1
vN-rna1-194	ZINC000409337259	-10.0	0.263	5.00	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@@H]1(C2=O)C2c4ccc4C3ccc32)cc1N1CCCC1
vN-rna1-195	PV-000375602024	-9.9	0.309	5.00	REAL	O=C(NC1C@H]1CC2[C@H]2(C)C@H]1N2C(=O)c1ccc2c1ccc13)CC2[C@@H]1C@H]2O[C@H]1[C@H]1CC2
vN-rna1-196	PV-000381289172	-9.9	0.354	7.00	REAL	NC(=O)C1CC(C)C(=O)[C@H]2[C@H]3CC(C)C@H]2N3C(=O)[C@H]2C3ccc32)N1H1
vN-rna1-197	PV-001824937252	-9.9	0.291	9.00	REAL	Cc1ccc(CNC(=O)c2ccc(CNC(=O)c3cc(C)4c(-O)nH3)cc4)2cc1
vN-rna1-198	PV-001826824399	-9.9	0.319	8.00	REAL	NC(=O)C1ccc(C(=O)Nc2ccc(NC(=O)Nc3ccc(C(F)F)3)cc2)nH1
vN-rna1-199	PV-001846618					

Name	Catalog ID	Score	LE	MW	Library	SMILES
vN-ppi-101	Z738255284	-9.7	0.277	480.50	REAL	O=C(Nc1cccc(-c2n3cccnc3n2)e1)l1ccc2c(e1)S(=O)(=O)c1cccc1C2=O
vN-ppi-102	Z771183888	-9.7	0.294	440.50	REAL	O=C1C[C@@H](c2ccc2)N(C(=O)c2ccc3c(e2)C[C@@H](c2ccc2)OC3=O)CCN1
vN-ppi-103	Z966751854	-9.7	0.294	440.46	REAL	Cc1nc2ccc2c(=O)n1-c1ccc(C(=O)N(C)O)[C@@H]2C3ccc3OC2cc1
vN-ppi-104	Z976183842	-9.7	0.269	482.55	REAL	O=C(Nc1cccc(C(=O)N2CC3ccc3c2)j1)C1CCN(c2ccc3mmn3c2)CC1
vN-ppi-105	Z976185340	-9.7	0.285	453.50	REAL	Cc1ccc2c(e1)C(=O)N(C(=O)N)Nc1ccc(C(=O)N3C4ccc4cc3)cc1C2=O
vN-ppi-106	Z976186264	-9.7	0.294	438.49	REAL	O=C(Cc1nnHj1e(=O)c2ccc12)Nc1ccc(C(=O)N2CC3ccc3c2)cc1
vN-ppi-107	Z988053508	-9.7	0.285	453.50	REAL	CN(Cc1nc2ccc2c(=O)nHj1)C(=O)Nc1cccc(C(=O)N2CC3ccc3c2)cc1
vN-ppi-108	ZINC00000111271	-9.7	0.359	349.39	ZINC	O=C1c2ccc3ccc(c32)C(=O)Nc1cccc(C(=O)N2CC3ccc3c2)cc1
vN-ppi-109	ZINC000000704991	-9.7	0.285	451.39	ZINC	Cc1ccc2nc(-c3ccc4c(c3)C(=O)N(N3C(=O)c5ccc5C3=O)C4=O)nc(=O)c2c1
vN-ppi-110	ZINC00000988780	-9.7	0.303	415.41	ZINC	O=C1c2ccc3c(e1O)n1(-c4ccc4)l(=O)c4ccc(e5n6ccc6n5)j1c2c43
vN-ppi-111	ZINC000002125371	-9.7	0.285	446.51	ZINC	CC1n1c2ccc2c2c(N3C4ccc45fccc6c6f(=O)c5c43)ccc21
vN-ppi-112	ZINC000002145885	-9.7	0.359	354.40	ZINC	Cc1ccc2nc(=O)c1(C)c2c2ccc(-c3ccc4ccc4c3)j21
vN-ppi-113	ZINC000002170289	-9.7	0.334	378.47	ZINC	CN1c2ccc2C(C)C[C@@H]2C=Ne1c3ccc3c3ccc3e1O2
vN-ppi-114	ZINC000006513294	-9.7	0.359	356.46	ZINC	O=C1CCCc2ccc3c(e2)C1C[C@@H]1(C)Nc1ccc4e1c2(C1=O)CCC4C3
vN-ppi-115	ZINC000008921457	-9.7	0.255	498.54	ZINC	O=C(NN1C(=O)[C@@H]2[C@@H](C1=O)C1c3ccc3C2c2ccc2)1(C1)O(c2ccc2-c2ccc2c21
vN-ppi-116	ZINC00001244294	-9.7	0.269	475.51	ZINC	Cc1ccc(NC(=O)Cc2ccc3ccc3n2)nc(-c2n3c(cnn3-c3ccc3)j1(=O)nHj2)1
vN-ppi-117	ZINC000015670427	-9.7	0.294	460.88	ZINC	Cc1nn(-c2nccc(-c3ccc(C1c3)n2)c2)l[C@@H](c1ccc3c1)O(CO3)CC(=O)N2
vN-ppi-118	ZINC000015670617	-9.7	0.294	444.43	ZINC	Cc1nn(-c2nccc(-c3ccc(Fcc3)n2)c2)l[C@@H](c1ccc3c1)O(CO3)CC(=O)N2
vN-ppi-119	ZINC000018021374	-9.7	0.255	498.54	ZINC	O=C(NN1C(=O)[C@@H]2[C@@H](C1=O)C1c3ccc3C2c2ccc2)1(C1)O(c2ccc2-c2ccc2c21
vN-ppi-120	ZINC000019926200	-9.7	0.303	412.49	ZINC	O=C1C[C@]2(c3ccc3)l1ccc11[C@@H]1(c3ccc3)c3ccc3C(=O)C[C@@H]21
vN-ppi-121	ZINC000019926202	-9.7	0.303	412.49	ZINC	O=C1C[C@]2(c3ccc3)l1ccc11[C@@H]1(c3ccc3)c3ccc3C(=O)C[C@@H]21
vN-ppi-122	ZINC00001867166	-9.7	0.269	482.52	ZINC	Cc1ccc(-c2nnc3c2)nc(=O)c2ccc(C(=O)N4CCN(c5ccc5)F)CC4c23)cc1
vN-ppi-123	ZINC000022636400	-9.7	0.334	375.38	ZINC	O=C1c2ccc2C(=O)N1c1ccc2c3ccc13(C1=O)c1ccc1-2
vN-ppi-124	ZINC00003271405	-9.7	0.313	409.45	ZINC	Cc1nn(-c2ccc3nnc(C)n3n2)c2)l[C@@H](c1ccc3ccc3)1(C)C(=O)N2
vN-ppi-125	ZINC000034253221	-9.7	0.255	494.55	ZINC	CC1n1c2ccc1-c1ccc1C(=O)c3ccc2-c1ccc2c3nnc(C)C3-c1ccc1C2=O
vN-ppi-126	ZINC00005471041	-9.7	0.334	379.37	ZINC	O=C1c2ccc3ccc4ccc4ccc4c(c1=O)n1-c1ccc(O)j1c2c34
vN-ppi-127	ZINC000169684223	-9.7	0.262	487.51	ZINC	Cc1ccc(C[C@@H]2OC3(C(=O)c4ccc4C3=O)[C@@H]3(C=O)Nc4ccc5ccc54C1(=O)C[C@@H]23)j1
vN-ppi-128	ZINC000253623742	-9.7	0.262	493.47	ZINC	O=C1c2ccc3c(e2O)C1=C1c2ccc3c(e1)OCCO2)[C@@H](c1ccc2ccc2n1O)CC(=O)O3
vN-ppi-129	ZINC000408997474	-9.7	0.303	417.51	ZINC	O=C(O)c1ccc2c1N[C@@H](c1ccc3c4c(ccc41)CC3)[C@@H]1C3ccc3c1[C@@H]21
vN-ppi-130	PV-00180760974	-9.6	0.356	361.48	REAL	Cc1ccc2c(e1)CN(C(=O)c1ccc3c(e1)CCCC3=O)C(C)C(C)C2
vN-ppi-131	PV-001810031067	-9.6	0.356	389.78	REAL	Cc1c(F)cc(C)c2c1CCCN2C(=O)c1ccc(=O)c2ccc(F)cc2o1
vN-ppi-132	PV-001810938644	-9.6	0.384	398.26	REAL	O=C(Nc1Incc2nHj1ccc2e1Br)l1ccc2e1(C)CCCC2=O
vN-ppi-133	PV-001825780512	-9.6	0.291	451.57	REAL	Cc1ccc(NC(=O)[C@@H]2CCCN(C(=O)C)[C@@H]3(C)CC4c(C)c(O)c(C)c4OC3)C2)n1
vN-ppi-134	PV-001950627240	-9.6	0.310	418.45	REAL	CC1(C)COc2ccc(NC(=O)N(C)C(=O)c3ccc4ccc4c3)ccc2C1=O
vN-ppi-135	Z100374338	-9.6	0.259	495.54	REAL	CC(C)c1ccc(-n2(NN=C3C(=O)N4c5cc5c4)OCCCO5)n3ccc3c2=O)cc1
vN-ppi-136	Z1021036198	-9.6	0.274	483.95	REAL	O=C1Nc2cc(C)ccc2C1=C1CCN(C(=O)Cn2c3ccc3c(=O)c3ccc3)2CC1
vN-ppi-137	Z1030001348	-9.6	0.282	470.51	REAL	O=C(Nc1cccc(-c2n3C3C)nHj2)l1ccc2c(e1)S(=O)(=O)c1cccc1C2=O
vN-ppi-138	Z1134799337	-9.6	0.310	430.89	REAL	Cc1ccc2c1CC(C)[C@@H]2N(C(=O)c1ccc2e1(C)C(=O)Nc1cccc1)C2=O
vN-ppi-139	Z1155697954	-9.6	0.267	498.51	REAL	O=C(Nc1cccc(-c2ccc3c(e2)OCCO3)n1)l1ccc2c(e1)S(=O)(=O)c1ccc1C2=O
vN-ppi-140	Z1157972316	-9.6	0.267	482.59	REAL	Cc1ccc(C(=O)N2C[C@@H](C)C[C@@H](C)C2)cc1NC(=O)c1nn1(-c2ccc3nccc23)j1C
vN-ppi-141	Z1160971603	-9.6	0.267	482.59	REAL	Cc1ccc(C(=O)N2C[C@@H](C)C[C@@H](C)C2)cc1NC(=O)c1nn1(-c2ccc3nccc23)j1C
vN-ppi-142	Z1276029491	-9.6	0.310	416.45	REAL	CN1CCN(C(=O)c2ccc3c(e2)C[C@@H](c2ccc2)OC3=O)c2ccc(F)cc21
vN-ppi-143	Z1335515246	-9.6	0.310	412.44	REAL	CN1C(=O)CN(C(=O)c2ccc3c(e2)C[C@@H](c2ccc2)OC3=O)c2ccc2c1
vN-ppi-144	Z1401767183	-9.6	0.331	391.47	REAL	O=C1O[C@@H](c2ccc2)Cc2ccc(C(=O)N3CCC[C@@H]4OCOC[C@@H]43)ccc21
vN-ppi-145	Z1410514678	-9.6	0.369	370.37	REAL	O=C(NNc1Incc2ccc2(=O)nHj1)l1ccc(F)cc2N5(nHj)1c2
vN-ppi-146	Z1410515700	-9.6	0.331	387.44	REAL	C[C@@H]1CCc2nHj1ccc(C(=O)N)Nc4ncc5ccc5e1(=O)nHj4)ccc2C1
vN-ppi-147	Z1410518999	-9.6	0.356	381.42	REAL	C[C@@H]1Se2ccc(C(=O)N)Nc3ncc4ccc4c(=O)nHj3)ccc2N1=O
vN-ppi-148	Z1410519206	-9.6	0.300	421.46	REAL	Cc1ccc2nc(-c3ccc3)jcc(C(=O)N)Nc3ncc4ccc4e(=O)nHj3)j2e1
vN-ppi-149	Z1410521266	-9.6	0.300	421.46	REAL	Cc1ccc(-c2c(C(=O)N)Nc3ncc4ccc4e(=O)nHj3)c3ccc3n2)cc1
vN-ppi-150	Z1410521735	-9.6	0.384	334.34	REAL	Cc1ccc(C(=O)N)Nc2n3ccc3c(=O)nHj2)c2nHj1cc2c1
vN-ppi-151	Z1410522821	-9.6	0.300	425.42	REAL	O=C(NNc1Incc2ccc2(=O)nHj1)l1ccc(-c2ccc2)nc2ccc(F)cc21
vN-ppi-152	Z1440949385	-9.6	0.291	447.48	REAL	O=C(Nc1cccc(C(=O)N2CC3ccc3c2)j1)N1C(Ce2F)Fcc(F)cc21
vN-ppi-153	Z1460682890	-9.6	0.291	439.47	REAL	O=C(NNC(=O)c1nHj1e(=O)c2ccc12)j1ccc1N2CC3ccc3c2)cc1
vN-ppi-154	Z1463880202	-9.6	0.291	446.55	REAL	Cc1ccc(C23C[C@@H]4[C@@H](C)C(C(=O)N)Nc5ncc6c(cnn6)j1(=O)nHj5)C4)C2)C3)cc1C
vN-ppi-155	Z1486231674	-9.6	0.343	367.41	REAL	O=C1CCc2ccc(-c3n4ccc(-c5ccc5)cc4e(=O)nHj3)ccc2N1
vN-ppi-156	Z1488528286	-9.6	0.291	440.50	REAL	CC(=O)N[C@@H](C)C2ccc2N(C(=O)c2ccc3c(e2)C[C@@H](c2ccc2)OC3=O)C1
vN-ppi-157	Z1492672049	-9.6	0.310	416.44	REAL	C[C@@H]1N(Cc2n3ccc3oc4ccc4c3)j1(=O)nHj2)CCN1c1nnc2nnc12
vN-ppi-158	Z1533909865	-9.6	0.310	428.47	REAL	CN(C(=O)c1ccc2e1c1)S(=O)(=O)c1ccc1C2=O)c1ccc2ccc12
vN-ppi-159	Z1575694745	-9.6	0.310	417.47	REAL	Cc1ccc(NC(=O)N2CC=C(c3ccc4c(c3)OCCO4)CC2)n1-c2ccc2n1
vN-ppi-160	Z1684579562	-9.6	0.291	440.46	REAL	C[C@@H]1(c2ccc(-c3ccc(CCC(=O)c4ccc5ccc5c4)n3)j2)NC(=O)NC1=O
vN-ppi-161	Z1684580310	-9.6	0.300	424.46	REAL	C[C@@H]1(c2ccc(-c3ncc(C4nccc5ccc5c4)Om3)j2)NC(=O)NC1=O
vN-ppi-162	Z1684582054	-9.6	0.310	416.40	REAL	C[C@@H]1(c2ccc(-c3ncc(C4nccc5ccc5c4)Om3)j2)NC(=O)NC1=O
vN-ppi-163	Z1684582563	-9.6	0.310	432.36	REAL	C[C@@H]1(c2ccc(-c3ncc(C4nccc5ccc5c4)Om3)j2)NC(=O)NC1=O
vN-ppi-164	Z1684582896	-9.6	0.300	432.41	REAL	Cc1ccc(F)cc1-n1ccc(-c2ccc(C[C@@H]4(C)N(C(=O)NC4=O)j3)n2)n1
vN-ppi-165	Z1684583103	-9.6	0.300	432.42	REAL	C[C@@H]1(c2ccc(-c3ncc(C4n4C)[C@@H]5[C@@H]6C=C[C@@H]6)j2)NC(=O)NC1=O
vN-ppi-166	Z1685319274	-9.6	0.291	439.48	REAL	Cc1nn(-c2ccc(-c3ncc(-c4ccc5e(=O)n6c5n54)CCCC6)j3)c2)nHj1
vN-ppi-167	Z1697483552	-9.6	0.300	423.47	REAL	O=C1O[C@@H](c2ccc2)C2c2c(C(=O)N3C[C@@H]4CCC(=O)O5)ccc3c54)ccc21
vN-ppi-168	Z1697911271	-9.6	0.310	435.43	REAL	Cn1c(NC(=O)c2ccc3c(e2)S(=O)(=O)c2ccc2C3=O)n2ccc(F)cc21
vN-ppi-169	Z1716066639	-9.6	0.300	445.49	REAL	O=C1c2ccc2S(=O)(=O)c2ccc(C(=O)N3C[C@@H]4(C)OC3ccc34)ccc21
vN-ppi-170	Z1723434460	-9.6	0.267	479.58	REAL	CCc1ccc2c3(CCCN(C(=O)c4ccc(-c5n6nHj1e(=O)n)C6)c5)4CC3)c1nHj12
vN-ppi-171	Z1767252402	-9.6	0.320	394.43	REAL	O=C1CC(C)[C@@H]2N(C(=O)c3ccc4nHj1ccc5ccc5e(=O)c4c3)ccc1c32
vN-ppi-172	Z1845117519	-9.6	0.310	413.44	REAL	O=C(NNc1Incc2ccc2n1)Nc1ccc(C(=O)N2CC3ccc3c2)cc1
vN-ppi-173	Z184756012	-9.6	0.274	486.51	REAL	O=C(NNC(=O)c1ccc2ccc2c1O)c1ccc(NC2=NS(=O)(=O)c3ccc3)cc1
vN-ppi-174	Z188890184	-9.6	0.282	456.46	REAL	Cc1ccc2ccc2c(=O)n1-c1ccc(C(=O)N(C)C(=O)c2ccc3c(e2)OCCO3)cc1
vN-ppi-175	Z1899438537	-9.6	0.300	432.43	REAL	CN1C[C@@H](C(=O)Nc2ccc3nHj1(-c4(F)ccc4)F)nc3c2)ccc2C1=O
vN-ppi-176	Z2011507278	-9.6	0.310	408.42	REAL	O=C(Nc1nnc1-c1ccc1)l1ccc(N2C(=O)c3ccc3C2=O)cc1
vN-ppi-177	Z2014694104	-9.6	0.310	420.47	REAL	Cc1ccc(C2=NO[C@@H](C)N(C)C(=O)c3ccc3[C@@H]4(C)N(C(=O)NC4=O)j3)C2)cc1C
vN-ppi-178	Z2067945206	-9.6	0.343	383.33	REAL	O=C(Nc1Incc(C(F)F)F)nHj1)l1ccc(-c2ccc3ccc2)3)cc1
vN-ppi-179	Z2069070673	-9.6	0.310	409.44	REAL	O=C(NNC(=O)C[C@@H]1Cc2ccc2O1)l1ccc(-c2ccc3ccc2)3)cc1
vN-ppi-180	Z2087359694	-9.6	0.310	419.46	REAL	Cc1c(N2C(=O)N[C@@H](C)C[C@@H]3CCC4ccc4c3)C2=O)n1-c1ccc1F
vN-ppi-181	Z2118684028	-9.6	0.343	383.31	REAL	O=C(Nc1Incc2ccc2c(=O)nHj1)l1ccc2c(F)cc2F)cc2e1O
vN-ppi-182	Z2147520661	-9.6	0.331	383.39	REAL	O=C(Nc1Incc2ccc(F)cc2n1)l1ccc(-c2ccc3ccc2)3)cc1
vN-ppi-183	Z2148399989	-9.6	0.331	399.84	REAL	O=C(Nc1Incc2ccc(C)cc2n1)l1ccc(-c2ccc3ccc2)3)cc1
vN-ppi-184	Z2167695493	-9.6	0.310	420.45	REAL	Cc1ccc(-n2nccc2NC(=O)N2CC(C)ccc4ccc4)CC2)cc1
vN-ppi-185	Z2171979179	-9.6	0.291	447.45	REAL	C[C@@H](O)CN1Cc2ccc2C1=O)c1ccc(-c2ccc(C[C@@H]3(C)N(C(=O)NC3=O)j2)mo1
vN-ppi-186	Z2194277339	-9.6	0.310	415.41	REAL	Cc1ccc(=O)n2nnc(NC(=O)c3ccc4c(c3)C[C@@H]1(c3ccc3)OC4=O)nHj2n1
vN-ppi-187	Z2225645671	-9.6	0.291	444.49	REAL	O=C(C[C@@H]1CC(=O)N(c2ccc3c(e2)Cc2ccc2-3)C1)N1CCC[C@@H]2nHj1e(=O)O2)C1
vN-ppi-188	Z226529812	-9.6	0.267	476.54	REAL	Cc1ccc2ccc2c(=O)n1-c1ccc(C(=O)Nc2n3ccc3c2n2)CCC2)cc1
vN-ppi-189	Z2717395028	-9.6	0.331	387.48	REAL	O=C1O[C@@H](c2ccc2)Cc2ccc(C(=O)N3[C@@H]4CC[C@@H]3(C)C3)C4)ccc21
vN-ppi-190	Z2879729906	-9.6	0.356	361.40	REAL	O=C1CCCCc2ccc(-c3n(-c4cc5e(nHj4)O)CC5)mo3)ccc21
vN-ppi-191	Z30085028	-9.6	0.274	488.57	REAL	CN(Cc1nc2ccc2c(=O)nHj1)C(=O)c1ccc(S(=O)(=O)N2CC3ccc3c2)cc1
vN-ppi-192	Z383608842	-9.6	0.274	468.47	REAL	C[C@@H]1(c2ccc(NC(=O)c3ccc(CN4C(=O)c5ccc5C4=O)j3)C2)NC(=O)NC1=O
vN-ppi-193	Z385057680	-9.6	0.282	475.57	REAL	NC(=O)c1ccc2c1CCCN2C(=O)c1ccc(S(=O)(=O)N2CC3ccc3c2)cc1
vN-ppi-194	Z424333592	-9.6	0.267	482.50	REAL	Cc1ccc(C(=O)N2C(=O)c3ccc(C(=O)Nc4ccc(C[C@@H]5(C)N(C(=O)NC5=O)j4)cc3C2=O)cc1
vN-ppi-195	Z64798584	-9.6	0.282	456.54	REAL	Cc1Incc2ccc2c(=O)n1-c1ccc(C(=O)N(C)C(=O)C23CC4CC(C)C4)C3)cc1
vN-ppi-196	Z652492728	-9.6	0.267	487.49	REAL	Cc1nn(C2ccc(F)cc2)2nHj1nnc(NC(=O)NC3(=O)N[C@@H]4(C)C5ccc54)C3=O)j2c1
vN-ppi-197	Z70895836	-9.6	0.291	442.43	REAL	Cc1Incc2ccc2c(=O)n1-c1ccc(C(=O)N(C)C(=O)c2ccc3c(e2)OCCO3)cc1
vN-ppi-198	Z737388578	-9.6	0.291	468.52	REAL	O=C1c1ccc(S(=O)(=O)N2CC3ccc3c2)j1N1CCCc2ccc(F)cc21
vN-ppi-199	Z901882616	-9.6	0.274	478.43	REAL	C[C@@H]1(c2ccc(-c3ncc4ccc(-c5ccc(C(F)F)F)5)cc4e(=O)nHj3)j2)NC(=O)NC1=O
vN-ppi-200	Z955663406	-9.6	0.282	471.50	REAL	O=C(NNC(=O)c1ccc2ccc2c1)l1ccc(NC2=NS(=O)(=O)c3ccc3)cc1

Supplementary Table 84. Virtual screening hits 101 to

Name	Catalog ID	Score	LE	MW	Library	SMILES
vN-ctd1-1	ZINC000002412360	-13.5	0.365	485.494	ZINC	O=C(Nc1ccc(-c2cc3ccc3oc2=O)cc1)c1ccc(-c2cc3ccc3oc2=O)c1
vN-ctd1-2	ZINC000004015296	-13.2	0.347	493.477	ZINC	O=C1c2ccc4ccc(c1=O)n2cc(N5C(=O)c6ccc7ccc(c7)C5=O)ccc12)c43
vN-ctd1-3	ZINC000005220992	-13.1	0.364	468.427	ZINC	O=C1c2ccc4ccc(c1=O)n5c(=O)c6ccc6nc5ccc(c1=O)n2c2ccc12)c3c43
vN-ctd1-4	ZINC000017862766	-13.1	0.327	520.587	ZINC	O=C(Nc1ccc2ccc2c1)c1ccc(N2C(=O)C@H)C3C@H@H(C2=O)C2c4ccc4c3c3ccc3c2)j1
vN-ctd1-5	ZINC000002832254	-13	0.371	473.507	ZINC	O=C1c2ccc3ccc3c2c1-c1ccc(-c2cc3ccc3oc2=O)n1
vN-ctd1-6	ZINC000016757167	-13	0.342	498.537	ZINC	Cc1ccc(N2C(=O)c3ccc3c3C(=O)Nc3ccc4(c3)C(=O)c3ccc3C4=O)C2=O)c(C)1
vN-ctd1-7	Z106669856	-12.9	0.349	495.621	REAL	O=C1c2ccc2ccc12)N1CCN(C(=O)C@H)2C[C@H]3CCCC[C@H]3N2C(=O)C2=O)CC1
vN-ctd1-8	Z91068030	-12.9	0.358	496.586	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CCN(C4ccc5ccc5C)CC3)ccc21
vN-ctd1-9	ZINC000037246229	-12.9	0.369	465.591	ZINC	O=C1c2ccc2C(=O)c2cc3(cc2)N[C@H]1CC[C@H]2[C@H]4CCCC[C@H]4C(=O)C@H4CC[C@H]3[C@H]1C@H@H4
vN-ctd1-10	Z367327618	-12.8	0.356	481.55	REAL	Cc1ccc(C(=O)C2CCN(C(=O)c3ccc4c(=O)n(-c5ccc5)c(=O)n)H4c3)CC2)c(C)1
vN-ctd1-11	Z383456236	-12.8	0.337	499.577	REAL	Cc1ccc(N2CCN(C(=O)c3cc(-c4ccc5ccc45)nc4ccc34)CC2)n2nc2n1
vN-ctd1-12	Z758345806	-12.8	0.376	473.548	REAL	Cc1ccc(C(=O)C2CCN(C(=O)c3ccc4c(c3)S(=O)(=O)c3ccc3C4=O)CC2)cc1
vN-ctd1-13	ZINC00001266504	-12.8	0.366	456.456	ZINC	O=C1c2ccc3ccc4ccc4ccc4ccc2C(=O)N1c2ccc2ccc21
vN-ctd1-14	ZINC000008826512	-12.8	0.376	441.485	ZINC	O=C1[C@H]2[C@H]3[C@H]4(C(=O)N1c1ccc3c(c1)oc1ccc13)C1c3ccc3C2c2ccc21
vN-ctd1-15	ZINC000017988176	-12.8	0.32	521.571	ZINC	O=C(Oc1ccc2ccc2c1)c1ccc(N2C(=O)C@H)3[C@H]4(C2=O)C2c4ccc4C3c3ccc32)c1
vN-ctd1-16	ZINC000018021374	-12.8	0.337	498.537	ZINC	O=C(NN1C(=O)C@H)2[C@H]3[C@H]4(C1=O)C1c3ccc3C2c2ccc21)C1(O)C2ccc2-c2ccc21
vN-ctd1-17	ZINC000048731626	-12.8	0.337	499.565	ZINC	Cc1ccc(N2C(=O)C@H)3[C@H]4(C2=O)C@H)2C(=O)Oc4ccc5ccc4C2=C[C@H]3c2ccc2cc1C
vN-ctd1-18	ZINC000048731626	-12.8	0.337	499.565	ZINC	Cc1ccc(N2C(=O)C@H)3[C@H]4(C2=O)C@H)2C(=O)Oc4ccc5ccc4C2=C[C@H]3c2ccc2cc1C
vN-ctd1-19	Z126000954	-12.7	0.385	436.466	REAL	O=C(NNC(=O)c1ccc2ccc12)c1ccc2c1)C1C@H@H1c1ccc1)OC2=O
vN-ctd1-20	Z1452691933	-12.7	0.385	445.493	REAL	O=C(NC1C@H)1[C@H]2[C@H]3C3ccc3[C@H]1)2)NNC(=O)c1ccc1)OC2=O
vN-ctd1-21	Z1472866131	-12.7	0.374	449.552	REAL	O=C(NC1C@H)1[C@H]2[C@H]3C3ccc3[C@H]2)1)ccc1)N1C@H)2[C@H]3C3ccc3C4ccc4[C@H]3)2)c1
vN-ctd1-22	Z1529686811	-12.7	0.385	437.541	REAL	CN1C(=O)CCc2cc(C(=O)N3CCN(C4c5ccc5-c5ccc54)CC3)ccc21
vN-ctd1-23	Z770161618	-12.7	0.374	470.548	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CC[C@H]4c5ccc5n)H4)3)ccc21
vN-ctd1-24	ZINC00000826899	-12.7	0.353	468.467	ZINC	O=C1c2ccc3ccc(c32)C(=O)N1c1ccc(N2C(=O)c3ccc4ccc(c43)C2=O)cc1
vN-ctd1-25	ZINC000100414424	-12.7	0.334	499.521	ZINC	O=C1c2ccc2C(=O)C12O[C@H]1c1ccc1)C@H)1C(=O)N(c3ccc(-c4ccc4)c3)C(=O)C@H)12
vN-ctd1-26	ZINC000101076130	-12.7	0.334	499.521	ZINC	O=C1c2ccc2C(=O)C12O[C@H]1c1ccc1)C@H)1C(=O)N(c3ccc(-c4ccc4)c3)C(=O)C@H)12
vN-ctd1-27	Z1024046328	-12.6	0.371	453.54	REAL	O=C1Nc2ccc2[C@H]1CCN(C(=O)C@H)2C(=O)N(c3ccc4ccc34)CC2)CC1
vN-ctd1-28	Z1449091221	-12.6	0.382	436.51	REAL	Cc1ccc(C)N2C(=O)c3ccc(C(=O)N)C1C@H)4[C@H]5C6ccc6[C@H]45c3C2=O)c1
vN-ctd1-29	Z165047412	-12.6	0.341	487.47	REAL	O=C1NC(=O)c2ccc2C1=C/N1C(=O)c2ccc3c(C(=O)c3ccc3)CC2=O)c1
vN-ctd1-30	Z316831980	-12.6	0.35	480.566	REAL	O=C1c2ccc2c(=O)n3c(nc2)CCCC3)N1CCN(C(=O)c2ccc3ccc32)CC1
vN-ctd1-31	Z941405732	-12.6	0.36	487.622	REAL	O=C(C1CCN(C2=NS(=O)(=O)c3ccc3CC)C1)N1CCc2ccc3ccc32)CC1
vN-ctd1-32	ZINC00001269423	-12.6	0.323	554.65	ZINC	Cc1nc2ccc2n1S(=O)(=O)c1ccc2c(c1)Cc1ccc(S(=O)(=O)n3c(C)nc4ccc4)ccc1-2
vN-ctd1-33	ZINC000003954537	-12.6	0.341	481.466	ZINC	O=C(Nc1ccc2c1C(=O)c1ccc1C2=O)c1ccc1C2=O)c1ccc1C2=O)c1ccc1C2=O)c1
vN-ctd1-34	ZINC000004542487	-12.6	0.332	497.553	ZINC	O=C1c2ccc(-c2ccc2cc1)C@H)1[C@H]2[C@H]3(C(=O)N(c3ccc3)C(=O)C@H)2[C@H]3c3ccc3C=NN12
vN-ctd1-35	ZINC000008901217	-12.6	0.332	499.521	ZINC	Cc1ccc(NC(=O)c2ccc(-c3ccc4ccc4oc3)O)c2ccc1-c1ccc2ccc2=O
vN-ctd1-36	ZINC000016037690	-12.6	0.332	519.987	ZINC	O=C(Nc1ccc(C)C1)C@H)1[C@H]2[C@H]3(C(=O)N(c3ccc4ccc44)C)C(=O)C@H)2[C@H]3c3ccc3C=CN12
vN-ctd1-37	ZINC000003358359	-12.6	0.3	567.613	ZINC	O=C1c2ccc3c(c(C(F)F)F)n2)CC1c1ccc1-3)N1CCN(C2c2ccc2c2)CC1
vN-ctd1-38	ZINC000100485510	-12.6	0.394	410.431	ZINC	O=C1c2ccc3c4c(ccc(c24)C2=O)Nc4ccc4[C@H]2)C1=Nc2ccc2[C@H]1C3=O
vN-ctd1-39	ZINC000101076136	-12.6	0.332	499.521	ZINC	O=C1c2ccc2C(=O)C12O[C@H]1c1ccc1)C@H)1C(=O)N(c3ccc(-c4ccc4)c3)C(=O)C@H)12
vN-ctd1-40	ZINC00010765190	-12.6	0.341	480.585	ZINC	O=C(C=Cc1c[nH]1)CC(=O)c2ccc3ccc4c3c2C4)cc1)1ccc2ccc3c2c1CC3
vN-ctd1-41	ZINC000409337159	-12.6	0.332	494.509	ZINC	O=C(Nc1ccc2nc3ccc4ccc4c3nc2)1c1ccc(N2C(=O)c3ccc3C2=O)cc1
vN-ctd1-42	Z1102068504	-12.5	0.357	463.496	REAL	Cc1ccc2nc(-c3ccc3)cc(C(=O)N)C1c3n[nH]1c4ccc4c34)ccc1
vN-ctd1-43	Z165048186	-12.5	0.357	459.46	REAL	O=C1NC(=O)c2ccc2C1=C/Nc1ccc(N2C(=O)c3ccc4ccc4c3)C2=O)cc1
vN-ctd1-44	Z1833542217	-12.5	0.379	442.513	REAL	O=C1C[C@H]1(C(=O)N2C[C@H]3CCCCN(C1=O)C@H)4CC(=O)c5ccc54)C[C@H]3)2)ccc21
vN-ctd1-45	Z1888493741	-12.5	0.368	447.536	REAL	O=C1c2ccc2c(=O)c3ccc3[nH]12)N1CCN(C2ccc3ccc32)CC1
vN-ctd1-46	Z2008707791	-12.5	0.379	436.518	REAL	Cn1c(-c2c[nH]1c3ccc32)nn1N1CCN(C(=O)c2ccc3ccc32)CC1
vN-ctd1-47	Z2008725225	-12.5	0.379	437.545	REAL	Cn1c(-c2ccc3ccc32)nn1N1CCN(C(=O)N2C3ccc3c32)CC1
vN-ctd1-48	Z2167429497	-12.5	0.368	448.529	REAL	Cn1c(-c2nn(C)C(=O)c3ccc32)nn1N1CC=C(c2ccc3ccc32)CC1
vN-ctd1-49	Z2174372362	-12.5	0.379	432.526	REAL	O=C1c2ccc(-c2ccc2c1)N1CCN(C2c3ccc3-c3ccc32)CC1
vN-ctd1-50	Z26848700	-12.5	0.357	467.567	REAL	Cc1ccc(C)N2C(=O)c3ccc(C(=O)N4CCN(C5ccc(C)C5)CC4)ccc3C2=O)c1
vN-ctd1-51	Z28562030	-12.5	0.368	488.587	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CC[C@H]4c5ccc5c54)C3)ccc21
vN-ctd1-52	Z728494648	-12.5	0.379	461.512	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CC[C@H]4c5ccc5c54)C3)ccc21
vN-ctd1-53	Z810425188	-12.5	0.357	469.539	REAL	Cc1ccc(NC(=O)C@H)2CCCN(C(=O)c3ccc4c(c3)C)C@H)3c3ccc3)OC4=O)C2)n1
vN-ctd1-54	Z920796876	-12.5	0.357	485.606	REAL	O=C(C1CCN(C2=NS(=O)(=O)c3ccc3CC)C1)N1CC=C(c2ccc3ccc32)CC1
vN-ctd1-55	ZINC00001862466	-12.5	0.357	455.468	ZINC	Cc1nc(-c2cc3(ccc4ccc43)oc2=O)cc21c1c1ccc1ccc3c12
vN-ctd1-56	ZINC000008449795	-12.5	0.329	493.561	ZINC	O=C1[C@H]2[C@H]3[C@H]4(C(=O)N1c1ccc(Oc3ccc4ccc4c3)cc1)C1c3ccc3C2c2ccc21
vN-ctd1-57	ZINC00000832077	-12.5	0.347	472.499	ZINC	Cc1ccc1-c1nc2cc(NC(=O)c3ccc(-c4ccc5ccc5oc4)O)c3)ccc21
vN-ctd1-58	ZINC000009987807	-12.5	0.347	470.527	ZINC	O=C1c1ccc1)C@H)1[C@H]2[C@H]3(C(=O)N(c3ccc4ccc43)C)C(=O)C@H)2[C@H]3c3ccc3C=CN12
vN-ctd1-59	ZINC000009389051	-12.5	0.368	448.477	ZINC	C[C@H]1(c2ccc3ccc3c2)N(C(=O)N)C2cc(=O)oc3ccc4ccc44)C3)C1=O
vN-ctd1-60	ZINC000012847897	-12.5	0.379	436.51	ZINC	O=C(NC1C(=O)N)C[C@H]2(CCCc3ccc32)C1=O)c1ccc2c1(c1)-c1ccc1C2
vN-ctd1-61	ZINC000029491117	-12.5	0.298	569.629	ZINC	Cc1ccc(-c2cc(C(F)F)F)n3c(C(=O)N4CCN(C5ccc5c5)ccc5)CC4)ccc2)cc1C
vN-ctd1-62	ZINC000035241286	-12.5	0.347	470.527	ZINC	O=C1c1ccc1)C@H)1[C@H]2[C@H]3(C(=O)N(c3ccc4ccc43)C)C(=O)C@H)2[C@H]3c3ccc3C=CN12
vN-ctd1-63	ZINC000037246227	-12.5	0.357	465.591	ZINC	O=C1c2ccc2C(=O)c2cc3(cc2)N[C@H]1CC[C@H]2[C@H]4CCCC[C@H]4C(=O)C@H)3C@H)1C@H)2
vN-ctd1-64	ZINC0000229940099	-12.5	0.298	573.09	ZINC	Cc1ccc(C(=O)C@H)2[C@H]3(C(=O)c3ccc3C)C1[C@H]3(C(=O)Nc4ccc43)C@H)3C@H)2[C@H]3c3ccc3C=CN12
vN-ctd1-65	ZINC000049336230	-12.5	0.329	499.565	ZINC	Cc1ccc(N2C(=O)C@H)3[C@H]4(C2=O)C@H)2C(=O)Oc4ccc5ccc4C2=C[C@H]3c2ccc2cc1C
vN-ctd1-66	Z1024046034	-12.4	0.365	456.544	REAL	O=C1Nc2ccc2[C@H]1CCN(C(=O)c3ccc3c(=O)n4c(mc3)CCCC4)CC1
vN-ctd1-67	Z1095050888	-12.4	0.365	447.457	REAL	Cc1nc2nc(-c3ccc3)cc(C(=O)N)C3nc(-c4ccc5ccc5n4)n)H3)j12
vN-ctd1-68	Z1129794489	-12.4	0.376	442.489	REAL	Cc1ccc(C)N2C(=O)c3ccc(C(=O)N4CC[C@H]5c5ccc(F)5)C4)ccc3C2=O)c1
vN-ctd1-69	Z131821778	-12.4	0.344	496.633	REAL	O=C1c2ccc2c1(c1)-c1ccc1C2)N1CCN(C2c3ccc4c(c3)O)nn)H2)CCCC4)CC1
vN-ctd1-70	Z1383816512	-12.4	0.365	453.461	REAL	O=C1c2ccc2C(=O)c2cc(NC(=O)C3CCN(c4ccc5nm5n4)CC3)ccc21
vN-ctd1-71	Z1383818315	-12.4	0.354	458.472	REAL	O=C(Nc1ccc2ccc2c1)Nc1ccc2c1)C1c1ccc2c1)C1=O)c1ccc1C2=O
vN-ctd1-72	Z1404436268	-12.4	0.387	444.554	REAL	CC1(C)CN(C(=O)c2cc(-c3ccc4ccc43)nn3)ccc32)CCS1(=O)=O
vN-ctd1-73	Z1473414262	-12.4	0.365	448.525	REAL	O=C(NNC(=O)c1ccc(-c2ccc2)me2ccc12)N[C@H]1[C@H]2[C@H]3C3ccc3C[C@H]2
vN-ctd1-74	Z1626782444	-12.4	0.376	437.498	REAL	O=C(NC1C(=O)N)C@H)2(Cc3ccc32)C1=O)N1CC=C(c2ccc3ccc32)CC1
vN-ctd1-75	Z2085937346	-12.4	0.387	443.522	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3C4ccc4C4)CC4)3)ccc21
vN-ctd1-76	Z2166788972	-12.4	0.376	434.502	REAL	Cn1c(-c2n[nH]1c(=O)c3ccc32)nn1N1CC=C(c2ccc3ccc32)CC1
vN-ctd1-77	Z220408188	-12.4	0.335	491.55	REAL	Cc1ccc(C)N2C(=O)c3ccc(C(=O)N4nc5ccc5nc4N4)CC4)ccc3C2=O)c1
vN-ctd1-78	Z2524832653	-12.4	0.344	481.642	REAL	Cc1ccc(-c2nn3c2[C@H]1(C(=O)N2)C[C@H]4CC[C@H]2[C@H]2)N(C5ccc5)C1C@H)4)CC3)j1
vN-ctd1-79	Z298645214	-12.4	0.354	464.567	REAL	O=C1c2ccc2ccc12)N1CCN(C(=O)N2CC=C(c3n)H4)ccc34)CC2)CC1
vN-ctd1-80	Z367578612	-12.4	0.365	472.52	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3CC[C@H]4c5ccc5c54)C3)ccc21
vN-ctd1-81	Z652498744	-12.4	0.335	495.513	REAL	Cc1nn(C2ccc(F)cc2)c2n[nH]nc(NC(=O)c3ccc4c(c3)C)C@H)3c3ccc3)OC4=O)c12
vN-ctd1-82	Z654041216	-12.4	0.365	450.493	REAL	O=C(Cc1ccc2ccc2c1)NNC(=O)c1ccc2c1)C1C@H)1c1ccc1)OC2=O
vN-ctd1-83	Z791415724	-12.4	0.335	494.506	REAL	Cc1ccc2c1)C(=O)N)C)Immet(COC(=O)c3ccc4c(c3)C)C@H)3c3ccc3)OC4=O)m21
vN-ctd1-84	Z998375970	-12.4	0.335	495.581	REAL	O=C1c1ccc2[nH]ncc21)N1CCN(C(=O)C@H)2(C(=O)N2CCN(C(=O)c3ccc4ccc43)CC2)C1
vN-ctd1-85	ZINC000002212711	-12.4	0.376	429.474	ZINC	O=C(Nc1ccc2c1)C1c1ccc1-2)c1ccc(-c2ccc3ccc3oc2=O)c1
vN-ctd1-86	ZINC000002294074	-12.4	0.365	446.501	ZINC	Cc1ccc(OCC(=O)c2ccc(-c3ccc3)ccc2)ccc2(-c3ccc3)ccc1)OC2=O
vN-ctd1-87	ZINC000002466512	-12.4	0.387	419.483	ZINC	O=C(Nc1ccc2ccc2c1)C1C@H)1c2ccc2C(=O)N2CC3ccc3C[C@H]2
vN-ctd1-88	ZINC000002865873	-12.4	0.318	515.52	ZINC	OCc1ccc(-c2ccc3ccc3oc2=O)cc1N(C(=O)c1ccc(-c2ccc3ccc3oc2=O)c1
vN-ctd1-89	ZINC000008449797	-12.4	0.326	493.561	ZINC	O=C1[C@H]2[C@H]3[C@H]4(C(=O)N1c1ccc(Oc3ccc4ccc4c3)cc1)C1c3ccc3C2c2ccc21
vN-ctd1-90	ZINC000008792183	-12.4	0.335	486.573	ZINC	Cc1ccc(N2CCN(C(=O)c3ccc4ccc5n5oc4n3)ccc3c35=O)CC2)c1c2
vN-ctd1-91	ZINC000009224387	-12.4	0.354	466.587	ZINC	Cc1c2c2nn1-c1ccc1)cc1N1CC[C@H]2[C@H]3C3ccc3C4ccc43)C1)nc2C
vN-ctd1-92	ZINC000009763778	-12.4	0.344	480.475	ZINC	CC1=CC(C)N2C(=O)C(=O)c3ccc(O)C4C(=O)N4C(=O)c5ccc5c54)C4=O)c1c32
vN-ctd1-93	ZINC000016037828	-12.4	0.335	504.972	ZINC	O=C1c1ccc(C)cc1)C@H)1[C@H]2[C@H]3(C(=O)N(c3ccc4ccc43)C)C(=O)C@H)2[C@H]3c3ccc3C=CN12
vN-ctd1-94	ZINC000016038169	-12.4	0.335	505.96	ZINC	O=C1c1ccc(C)cc1)C@H)1[C@H]2[C@H]3(C(=O)N(c3ccc4ccc43)C)C(=O)C@H)2[C@H]3c3ccc3C=CN12
vN-ctd1-95	ZINC000018181101	-12				

Name	Catalog ID	Score	LE	MW	Library	SMILES
vN-ctd1-101	ZINC000100485501	-12.4	0.387	410.43	ZINC	O=C1c2ccc3c4c(ccc(c24)C2=Ne4cccc4C@H]2]C1=Ne2cccc2[C@H]1]C3=O
vN-ctd1-102	ZINC000100688954	-12.4	0.318	511.58	ZINC	Cc1ccc(N2C(=O)C@H]3[C@H]1C2=O)C@H]2c4cccc4C=NN2[C@H]3C(=O)c2ccc(-c3ccc3)cc2)cc1
vN-ctd1-103	ZINC0000216298986	-12.4	0.387	412.49	ZINC	O=C1C[C@]12[c3ccc3]c1ccc1[C@H]1[C@]11[c3ccc3]c3ccc3C1=O)C@H]2]C1=O
vN-ctd1-104	ZINC000229890704	-12.4	0.295	552.67	ZINC	Cc1ccc(C(=O)C@H]2[C@H]1C(=O)c3ccc(C)cc3)N3c4ccc(C)cc4C(C)=C[C@H]3[C@H]1[C@]123C(=O)Nc2cccc23)cc1
vN-ctd1-105	ZINC000254513605	-12.4	0.365	473.55	ZINC	CN1c2cccc2C(C)C[C@H]12C(c1ccc3e(c1)S(=O)(=O)c1ccc1C3=NO)=NO2
vN-ctd1-106	ZINC000254722125	-12.4	0.344	558.41	ZINC	O=C(N=C1N=C2C=CC(Br)=CN2C2cccc21)c1ccc2e(c1)S(=O)(=O)c1ccc1C2=O
vN-ctd1-107	ZINC000408686155	-12.4	0.326	498.58	ZINC	Cc1ccc(C)cc(NC(=O)c2ccc(N3C(=O)C@H]4[C@H]1C3=O)C3c5cccc5C4cccc43)cc2)cc1
vN-ctd1-108	PV-001957449472	-12.3	0.397	409.49	REAL	Cc1ccc(-c2ccc(CNC(=O)N)C(=O)c3ccc4cccc34)cc2)c1
vN-ctd1-109	Z1000674394	-12.3	0.342	481.55	REAL	Cc1ccc(C)cc(N2C(=O)c3ccc(C(=O)N)C@H]4CCCN(C(=O)c5ccc5)C4ccc3C2=O)c1
vN-ctd1-110	Z1005784094	-12.3	0.332	492.58	REAL	O=C(N)C@H]1CCc2nc(-c3ccc3)nc2C1)C@H]1CCCN1C(=O)c1ccc2cccc2e1O
vN-ctd1-111	Z1069429018	-12.3	0.342	474.52	REAL	O=C(N)C@H]1CCc2nc(-c3ccc3)nc2C1)c1ccc(N2C(=O)c3ccc3C2=O)c1
vN-ctd1-112	Z1070217308	-12.3	0.351	490.99	REAL	O=C1Nc2cc(C)ccc2[C@H]1C1CCN(C(=O)c2ccc3e(=O)nc4(nc3e2)CCCC4)CC1
vN-ctd1-113	Z1104727050	-12.3	0.342	498.61	REAL	O=C(Nc1ccc2(c1)Cc1ccc1-2)N1CCCN(S(=O)(=O)c2ccc3ccc23)CC1
vN-ctd1-114	Z1314558973	-12.3	0.384	425.53	REAL	C[C@H]1c2cccc2CCN1C(=O)c1ccc(C(=O)N2CCc3ccc3[C@H]2)C1
vN-ctd1-115	Z1449094407	-12.3	0.362	449.55	REAL	O=C(N)C@H]1[C@H]2C3ccc3[C@H]12)c1ccc(C(=O)N)C[C@H]2[C@H]3C4cccc4[C@H]23)C1
vN-ctd1-116	Z1581473271	-12.3	0.373	440.59	REAL	O=C(N)C[C@H]1CCCN1C(=O)C[C@H]1[C@H]1[C@]12CCc1ccc12)C[C@H]1[C@H]1[C@]12CCc1ccc12
vN-ctd1-117	Z1610587670	-12.3	0.373	434.50	REAL	Cc1ccc2ccc2n1NCC(=O)c1ccc(-c2ccc(-c3ccc3)cc2)c1C
vN-ctd1-118	Z1752022802	-12.3	0.362	449.55	REAL	O=C(N)C[C@H]1CC2c3ccc3C1c1ccc12)N1CC[C@]12(C1)C(=O)Nc1ccc12
vN-ctd1-119	Z2002423492	-12.3	0.384	425.48	REAL	O=C1[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]7[C@H]8[C@H]9[C@H]10[C@H]11[C@H]12[C@H]13[C@H]14[C@H]15[C@H]16[C@H]17[C@H]18[C@H]19[C@H]20[C@H]21[C@H]22[C@H]23[C@H]24[C@H]25[C@H]26[C@H]27[C@H]28[C@H]29[C@H]30[C@H]31[C@H]32[C@H]33[C@H]34[C@H]35[C@H]36[C@H]37[C@H]38[C@H]39[C@H]40[C@H]41[C@H]42[C@H]43[C@H]44[C@H]45[C@H]46[C@H]47[C@H]48[C@H]49[C@H]50[C@H]51[C@H]52[C@H]53[C@H]54[C@H]55[C@H]56[C@H]57[C@H]58[C@H]59[C@H]60[C@H]61[C@H]62[C@H]63[C@H]64[C@H]65[C@H]66[C@H]67[C@H]68[C@H]69[C@H]70[C@H]71[C@H]72[C@H]73[C@H]74[C@H]75[C@H]76[C@H]77[C@H]78[C@H]79[C@H]80[C@H]81[C@H]82[C@H]83[C@H]84[C@H]85[C@H]86[C@H]87[C@H]88[C@H]89[C@H]90[C@H]91[C@H]92[C@H]93[C@H]94[C@H]95[C@H]96[C@H]97[C@H]98[C@H]99[C@H]100[C@H]101[C@H]102[C@H]103[C@H]104[C@H]105[C@H]106[C@H]107[C@H]108[C@H]109[C@H]110[C@H]111[C@H]112[C@H]113[C@H]114[C@H]115[C@H]116[C@H]117[C@H]118[C@H]119[C@H]120[C@H]121[C@H]122[C@H]123[C@H]124[C@H]125[C@H]126[C@H]127[C@H]128[C@H]129[C@H]130[C@H]131[C@H]132[C@H]133[C@H]134[C@H]135[C@H]136[C@H]137[C@H]138[C@H]139[C@H]140[C@H]141[C@H]142[C@H]143[C@H]144[C@H]145[C@H]146[C@H]147[C@H]148[C@H]149[C@H]150[C@H]151[C@H]152[C@H]153[C@H]154[C@H]155[C@H]156[C@H]157[C@H]158[C@H]159[C@H]160[C@H]161[C@H]162[C@H]163[C@H]164[C@H]165[C@H]166[C@H]167[C@H]168[C@H]169[C@H]170[C@H]171[C@H]172[C@H]173[C@H]174[C@H]175[C@H]176[C@H]177[C@H]178[C@H]179[C@H]180[C@H]181[C@H]182[C@H]183[C@H]184[C@H]185[C@H]186[C@H]187[C@H]188[C@H]189[C@H]190[C@H]191[C@H]192[C@H]193[C@H]194[C@H]195[C@H]196[C@H]197[C@H]198[C@H]199[C@H]200[C@H]201[C@H]202[C@H]203[C@H]204[C@H]205[C@H]206[C@H]207[C@H]208[C@H]209[C@H]210[C@H]211[C@H]212[C@H]213[C@H]214[C@H]215[C@H]216[C@H]217[C@H]218[C@H]219[C@H]220[C@H]221[C@H]222[C@H]223[C@H]224[C@H]225[C@H]226[C@H]227[C@H]228[C@H]229[C@H]230[C@H]231[C@H]232[C@H]233[C@H]234[C@H]235[C@H]236[C@H]237[C@H]238[C@H]239[C@H]240[C@H]241[C@H]242[C@H]243[C@H]244[C@H]245[C@H]246[C@H]247[C@H]248[C@H]249[C@H]250[C@H]251[C@H]252[C@H]253[C@H]254[C@H]255[C@H]256[C@H]257[C@H]258[C@H]259[C@H]260[C@H]261[C@H]262[C@H]263[C@H]264[C@H]265[C@H]266[C@H]267[C@H]268[C@H]269[C@H]270[C@H]271[C@H]272[C@H]273[C@H]274[C@H]275[C@H]276[C@H]277[C@H]278[C@H]279[C@H]280[C@H]281[C@H]282[C@H]283[C@H]284[C@H]285[C@H]286[C@H]287[C@H]288[C@H]289[C@H]290[C@H]291[C@H]292[C@H]293[C@H]294[C@H]295[C@H]296[C@H]297[C@H]298[C@H]299[C@H]300[C@H]301[C@H]302[C@H]303[C@H]304[C@H]305[C@H]306[C@H]307[C@H]308[C@H]309[C@H]310[C@H]311[C@H]312[C@H]313[C@H]314[C@H]315[C@H]316[C@H]317[C@H]318[C@H]319[C@H]320[C@H]321[C@H]322[C@H]323[C@H]324[C@H]325[C@H]326[C@H]327[C@H]328[C@H]329[C@H]330[C@H]331[C@H]332[C@H]333[C@H]334[C@H]335[C@H]336[C@H]337[C@H]338[C@H]339[C@H]340[C@H]341[C@H]342[C@H]343[C@H]344[C@H]345[C@H]346[C@H]347[C@H]348[C@H]349[C@H]350[C@H]351[C@H]352[C@H]353[C@H]354[C@H]355[C@H]356[C@H]357[C@H]358[C@H]359[C@H]360[C@H]361[C@H]362[C@H]363[C@H]364[C@H]365[C@H]366[C@H]367[C@H]368[C@H]369[C@H]370[C@H]371[C@H]372[C@H]373[C@H]374[C@H]375[C@H]376[C@H]377[C@H]378[C@H]379[C@H]380[C@H]381[C@H]382[C@H]383[C@H]384[C@H]385[C@H]386[C@H]387[C@H]388[C@H]389[C@H]390[C@H]391[C@H]392[C@H]393[C@H]394[C@H]395[C@H]396[C@H]397[C@H]398[C@H]399[C@H]400[C@H]401[C@H]402[C@H]403[C@H]404[C@H]405[C@H]406[C@H]407[C@H]408[C@H]409[C@H]410[C@H]411[C@H]412[C@H]413[C@H]414[C@H]415[C@H]416[C@H]417[C@H]418[C@H]419[C@H]420[C@H]421[C@H]422[C@H]423[C@H]424[C@H]425[C@H]426[C@H]427[C@H]428[C@H]429[C@H]430[C@H]431[C@H]432[C@H]433[C@H]434[C@H]435[C@H]436[C@H]437[C@H]438[C@H]439[C@H]440[C@H]441[C@H]442[C@H]443[C@H]444[C@H]445[C@H]446[C@H]447[C@H]448[C@H]449[C@H]450[C@H]451[C@H]452[C@H]453[C@H]454[C@H]455[C@H]456[C@H]457[C@H]458[C@H]459[C@H]460[C@H]461[C@H]462[C@H]463[C@H]464[C@H]465[C@H]466[C@H]467[C@H]468[C@H]469[C@H]470[C@H]471[C@H]472[C@H]473[C@H]474[C@H]475[C@H]476[C@H]477[C@H]478[C@H]479[C@H]480[C@H]481[C@H]482[C@H]483[C@H]484[C@H]485[C@H]486[C@H]487[C@H]488[C@H]489[C@H]490[C@H]491[C@H]492[C@H]493[C@H]494[C@H]495[C@H]496[C@H]497[C@H]498[C@H]499[C@H]500[C@H]501[C@H]502[C@H]503[C@H]504[C@H]505[C@H]506[C@H]507[C@H]508[C@H]509[C@H]510[C@H]511[C@H]512[C@H]513[C@H]514[C@H]515[C@H]516[C@H]517[C@H]518[C@H]519[C@H]520[C@H]521[C@H]522[C@H]523[C@H]524[C@H]525[C@H]526[C@H]527[C@H]528[C@H]529[C@H]530[C@H]531[C@H]532[C@H]533[C@H]534[C@H]535[C@H]536[C@H]537[C@H]538[C@H]539[C@H]540[C@H]541[C@H]542[C@H]543[C@H]544[C@H]545[C@H]546[C@H]547[C@H]548[C@H]549[C@H]550[C@H]551[C@H]552[C@H]553[C@H]554[C@H]555[C@H]556[C@H]557[C@H]558[C@H]559[C@H]560[C@H]561[C@H]562[C@H]563[C@H]564[C@H]565[C@H]566[C@H]567[C@H]568[C@H]569[C@H]570[C@H]571[C@H]572[C@H]573[C@H]574[C@H]575[C@H]576[C@H]577[C@H]578[C@H]579[C@H]580[C@H]581[C@H]582[C@H]583[C@H]584[C@H]585[C@H]586[C@H]587[C@H]588[C@H]589[C@H]590[C@H]591[C@H]592[C@H]593[C@H]594[C@H]595[C@H]596[C@H]597[C@H]598[C@H]599[C@H]600[C@H]601[C@H]602[C@H]603[C@H]604[C@H]605[C@H]606[C@H]607[C@H]608[C@H]609[C@H]610[C@H]611[C@H]612[C@H]613[C@H]614[C@H]615[C@H]616[C@H]617[C@H]618[C@H]619[C@H]620[C@H]621[C@H]622[C@H]623[C@H]624[C@H]625[C@H]626[C@H]627[C@H]628[C@H]629[C@H]630[C@H]631[C@H]632[C@H]633[C@H]634[C@H]635[C@H]636[C@H]637[C@H]638[C@H]639[C@H]640[C@H]641[C@H]642[C@H]643[C@H]644[C@H]645[C@H]646[C@H]647[C@H]648[C@H]649[C@H]650[C@H]651[C@H]652[C@H]653[C@H]654[C@H]655[C@H]656[C@H]657[C@H]658[C@H]659[C@H]660[C@H]661[C@H]662[C@H]663[C@H]664[C@H]665[C@H]666[C@H]667[C@H]668[C@H]669[C@H]670[C@H]671[C@H]672[C@H]673[C@H]674[C@H]675[C@H]676[C@H]677[C@H]678[C@H]679[C@H]680[C@H]681[C@H]682[C@H]683[C@H]684[C@H]685[C@H]686[C@H]687[C@H]688[C@H]689[C@H]690[C@H]691[C@H]692[C@H]693[C@H]694[C@H]695[C@H]696[C@H]697[C@H]698[C@H]699[C@H]700[C@H]701[C@H]702[C@H]703[C@H]704[C@H]705[C@H]706[C@H]707[C@H]708[C@H]709[C@H]710[C@H]711[C@H]712[C@H]713[C@H]714[C@H]715[C@H]716[C@H]717[C@H]718[C@H]719[C@H]720[C@H]721[C@H]722[C@H]723[C@H]724[C@H]725[C@H]726[C@H]727[C@H]728[C@H]729[C@H]730[C@H]731[C@H]732[C@H]733[C@H]734[C@H]735[C@H]736[C@H]737[C@H]738[C@H]739[C@H]740[C@H]741[C@H]742[C@H]743[C@H]744[C@H]745[C@H]746[C@H]747[C@H]748[C@H]749[C@H]750[C@H]751[C@H]752[C@H]753[C@H]754[C@H]755[C@H]756[C@H]757[C@H]758[C@H]759[C@H]760[C@H]761[C@H]762[C@H]763[C@H]764[C@H]765[C@H]766[C@H]767[C@H]768[C@H]769[C@H]770[C@H]771[C@H]772[C@H]773[C@H]774[C@H]775[C@H]776[C@H]777[C@H]778[C@H]779[C@H]780[C@H]781[C@H]782[C@H]783[C@H]784[C@H]785[C@H]786[C@H]787[C@H]788[C@H]789[C@H]790[C@H]791[C@H]792[C@H]793[C@H]794[C@H]795[C@H]796[C@H]797[C@H]798[C@H]799[C@H]800[C@H]801[C@H]802[C@H]803[C@H]804[C@H]805[C@H]806[C@H]807[C@H]808[C@H]809[C@H]810[C@H]811[C@H]812[C@H]813[C@H]814[C@H]815[C@H]816[C@H]817[C@H]818[C@H]819[C@H]820[C@H]821[C@H]822[C@H]823[C@H]824[C@H]825[C@H]826[C@H]827[C@H]828[C@H]829[C@H]830[C@H]831[C@H]832[C@H]833[C@H]834[C@H]835[C@H]836[C@H]837[C@H]838[C@H]839[C@H]840[C@H]841[C@H]842[C@H]843[C@H]844[C@H]845[C@H]846[C@H]847[C@H]848[C@H]849[C@H]850[C@H]851[C@H]852[C@H]853[C@H]854[C@H]855[C@H]856[C@H]857[C@H]858[C@H]859[C@H]860[C@H]861[C@H]862[C@H]863[C@H]864[C@H]865[C@H]866[C@H]867[C@H]868[C@H]869[C@H]870[C@H]871[C@H]872[C@H]873[C@H]874[C@H]875[C@H]876[C@H]877[C@H]878[C@H]879[C@H]880[C@H]881[C@H]882[C@H]883[C@H]884[C@H]885[C@H]886[C@H]887[C@H]888[C@H]889[C@H]890[C@H]891[C@H]892[C@H]893[C@H]894[C@H]895[C@H]896[C@H]897[C@H]898[C@H]899[C@H]900[C@H]901[C@H]902[C@H]903[C@H]904[C@H]905[C@H]906[C@H]907[C@H]908[C@H]909[C@H]910[C@H]911[C@H]912[C@H]913[C@H]914[C@H]915[C@H]916[C@H]917[C@H]918[C@H]919[C@H]920[C@H]921[C@H]922[C@H]923[C@H]924[C@H]925[C@H]926[C@H]927[C@H]928[C@H]929[C@H]930[C@H]931[C@H]932[C@H]933[C@H]934[C@H]935[C@H]936[C@H]937[C@H]938[C@H]939[C@H]940[C@H]941[C@H]942[C@H]943[C@H]944[C@H]945[C@H]946[C@H]947[C@H]948[C@H]949[C@H]950[C@H]951[C@H]952[C@H]953[C@H]954[C@H]955[C@H]956[C@H]957[C@H]958[C@H]959[C@H]960[C@H]961[C@H]962[C@H]963[C@H]964[C@H]965[C@H]966[C@H]967[C@H]968[C@H]969[C@H]970[C@H]971[C@H]972[C@H]973[C@H]974[C@H]975[C@H]976[C@H]977[C@H]978[C@H]979[C@H]980[C@H]981[C@H]982[C@H]983[C@H]984[C@H]985[C@H]986[C@H]987[C@H]988[C@H]989[C@H]990[C@H]991[C@H]992[C@H]993[C@H]994[C@H]995[C@H]996[C@H]997[C@H]998[C@H]999[C@H]1000[C@H]1001[C@H]1002[C@H]1003[C@H]1004[C@H]1005[C@H]1006[C@H]1007[C@H]1008[C@H]1009[C@H]1010[C@H]1011[C@H]1012[C@H]1013[C@H]1014[C@H]1015[C@H]1016[C@H]1017[C@H]1018[C@H]1019[C@H]1020[C@H]1021[C@H]1022[C@H]1023[C@H]1024[C@H]1025[C@H]1026[C@H]1027[C@H]1028[C@H]1029[C@H]1030[C@H]1031[C@H]1032[C@H]1033[C@H]1034[C@H]1035[C@H]1036[C@H]1037[C@H]1038[C@H]1039[C@H]1040[C@H]1041[C@H]1042[C@H]1043[C@H]1044[C@H]1045[C@H]1046[C@H]1047[C@H]1048[C@H]1049[C@H]1050[C@H]1051[C@H]1052[C@H]1053[C@H]1054[C@H]1055[C@H]1056[C@H]1057[C@H]1058[C@H]1059[C@H]1060[C@H]1061[C@H]1062[C@H]1063[C@H]1064[C@H]1065[C@H]1066[C@H]1067[C@H]1068[C@H]1069[C@H]1070[C@H]1071[C@H]1072[C@H]1073[C@H]1074[C@H]1075[C@H]1076[C@H]1077[C@H]1078[C@H]1079[C@H]1080[C@H]1081[C@H]1082[C@H]1083[C@H]1084[C@H]1085[C@H]1086[C@H]1087[C@H]1088[C@H]1089[C@H]1090[C@H]1091[C@H]1092[C@H]1093[C@H]1094[C@H]1095[C@H]1096[C@H]1097[C@H]1098[C@H]1099[C@H]1100

Supplementary Table 86. Virtual screening hits 101 to 200 of the screen against the dimerization interface of the CTD of the nucleoprotein (Screen ID: 44). Compounds were filtered so that hits had MW < 600 dalton, cLogP < 6, number of hydrogen bond acceptors < 11, and no reactive functional groups. A few compounds unsuitable for drug discovery were removed by visual inspection. The name of each compound consists of the initial letter 'v' for virtual hit, followed by the target protein name and the target site ('ctd' for CTD binding interface, 1 for docking scenario 1). The score is the docking score given by QuickVina 2 in kcal/mol. The ligand efficiency (LE) is computed as LE = -score/#NonH, where #NonH is the number of heavy (i.e. non hydrogen) atoms.

Name	Catalog ID	Score	LE	MW	Library	SMILES
vN-ctd-1	ZINC000012436788	-10.8	0.327	431.446	ZINC	O=C(Nc1cccc2c1C(=O)C@H)1C=CC=C[C@H]1C2=O)c1cccc2c1C(=O)c1cccc1-2
vN-ctd-2	Z1081850494	-10.7	0.324	495.97	REAL	O=C(Nc1nnc1-c2cccc(C)c2)s1c1cccc(NC2=NS(=O)=O)c3cccc32cc1
vN-ctd-3	Z2902585038	-10.7	0.315	471.5	REAL	Cc1cc(C)n2ncc(-c3ncc(-c4ccc(NC5=NS(=O)=O)c6cccc65)cc4)n3)c2n1
vN-ctd-4	ZINC000036610867	-10.7	0.315	446.421	ZINC	O=C1Nc2ccc2/C1=C1C(=O)Nc2ccc3(cc21)N(C(=O)/C3=C1/C(=O)Nc2ccc21
vN-ctd-5	ZINC000408827077	-10.7	0.334	421.451	ZINC	O=C(O)c1ccc(C@H)2Nc3ccc4(c3C)C@H)3C=CC(C)C@H)32(C=O)c2ccc2C4=O)cc1
vN-ctd-6	Z1766649313	-10.6	0.331	430.413	REAL	Cc1ccc2ccc2n1NNC(=O)c1ccc(F)cc2(=O)c3ccc(F)cc3n1H)12
vN-ctd-7	Z1846549780	-10.6	0.366	387.398	REAL	CC1(C)C(=O)Nc2ccc(C(=O)Nc3nnc(-c4cc5ccc5c4)H)3)cc21
vN-ctd-8	Z63721304	-10.6	0.312	454.441	REAL	O=C(NNC(=O)c1n1nH)1c(=O)c2ccc12)c1ccc2(c1)C[C@H](c1ccc1)OC2=O
vN-ctd-9	ZINC00001225262	-10.6	0.272	553.36	ZINC	O=C1c2ccc(C)C2(=O)N1c1ccc(-c2ccc(N4C(=O)c5ccc(C)cc5C4=O)cc3n1H)2cc1
vN-ctd-10	ZINC000017094385	-10.6	0.331	425.422	ZINC	O=C1n1H)c2ccc2c2c1[C@H](c1ccc(F)cc1)N(C(=O)Nc1ccc3c3o1)N2
vN-ctd-11	ZINC000100737710	-10.6	0.321	431.446	ZINC	O=C(Nc1cccc2c1C(=O)C@H)1C=CC=C[C@H]1C2=O)c1ccc2c1C(=O)c1cccc1-2
vN-ctd-12	ZINC000245380417	-10.6	0.303	470.567	ZINC	Cc1cccc(N2C(=O)C[C@H](C)C@H)3C(=O)C[C@H]4C(=O)N(c5ccc(C)cc5C)C(=O)C[C@H]43)C2=O)cc1C
vN-ctd-13	Z1449291474	-10.5	0.375	385.369	REAL	C[C@H](c2ccc(C(=O)N3CCc4ccc(F)cc4)3)cc2)N(C(=O)N)C1=O
vN-ctd-14	ZINC00002935991	-10.5	0.292	480.425	ZINC	O=C1oc(-c2ccc(F)cc2)nc2ccc(-c3ccc4nc(-c5ccc(F)cc5)nc4)cc3)cc21
vN-ctd-15	ZINC00003788239	-10.5	0.292	499.542	ZINC	CC1(C)C2ccc3ccc(NS(=O)=O)c4ccc5c4C(=O)c4ccc4C5=O)cc3c2C(=O)C1
vN-ctd-16	ZINC000021867397	-10.5	0.284	496.545	ZINC	Cc1ccc(N2CCN(C(=O)c3ccc4c(O)nc5c(-c6ccc6f7mnm5c4c3)CC2)c1C
vN-ctd-17	ZINC000100737708	-10.5	0.318	431.446	ZINC	O=C(Nc1cccc2c1C(=O)C@H)1C=CC=C[C@H]1C2=O)c1ccc2c1C(=O)c1cccc1-2
vN-ctd-18	ZINC000239302914	-10.5	0.309	452.552	ZINC	O=C(Nc1ccc2(c1)O)CCO2)c1ccc2(c1)C[C@H]1C[C@H](C)C@H)1C3(C)C@H)1(c1ccc1)N2
vN-ctd-19	Z1618330958	-10.4	0.347	408.388	REAL	Cc1ccc(F)cc2(O)cc(C(=O)Nc3ccc(C)C@H)4(C)N(C(=O)N)C4=O)c3)cc21
vN-ctd-20	Z1664715974	-10.4	0.325	444.514	REAL	O=S1(=O)N=C(Nc2ccc(-c3nnc(CCC4c4ccc4n3)cc2)cc2)cc21
vN-ctd-21	Z1673511399	-10.4	0.315	440.502	REAL	C[C@H](c2ccc(CNC(=O)N3CC=C(c4ccc5ccc45)C3)cc2)N(C(=O)N)C1=O
vN-ctd-22	Z1764003566	-10.4	0.315	447.415	REAL	O=C(c1ccc(F)cc2(=O)c3ccc(F)cc3n1H)12)N1CC2n1H)c3ccc(F)cc3c2C1
vN-ctd-23	Z811745926	-10.4	0.315	495.97	REAL	O=C(Nc1nnc(-c2ccc2c1)s1)c1ccc(NC2=NS(=O)=O)c3cccc32cc1
vN-ctd-24	Z951982548	-10.4	0.315	441.553	REAL	Cc1ccc2n1H)1c(C@H)3CCCN3(C(=O)c3ccc4c(O)nc5c4c3)CCCC5)nc21
vN-ctd-25	ZINC00001516031	-10.4	0.248	583.549	ZINC	O=C(Nc1ccc2c3c1ccc3C(=O)N(c1ccc1)C2=O)c1ccc2n(-c3ccc3)cc(C(F)F)F)n2n1
vN-ctd-26	ZINC000002101660	-10.4	0.325	463.319	ZINC	O=C1c2ccc2C2=C[C@H](c1ccc(C)cc1)C1c1(O)nc(-c3ccc3)nc1N2
vN-ctd-27	ZINC000005607051	-10.4	0.289	470.439	ZINC	Nc1c(-c2n3cc4cc3cc3o2)C(=O)c2ccc2C4=O)ccc2c1C(=O)c1ccc1C2=O
vN-ctd-28	ZINC00000932188	-10.4	0.297	460.488	ZINC	O=C(c1ccc1)C@H)1[C@H]2(C(=O)N(c3ccc4ccc43)C(=O)C[C@H]2)C@H)2c3ccc3C=CN21
vN-ctd-29	ZINC000009781971	-10.4	0.281	484.47	ZINC	O=C1c2ccc2C(=O)N1c1ccc(-c2n3ccc(N4C(=O)c5ccc5C4=O)cc3n1H)2)cc1
vN-ctd-30	ZINC000018117591	-10.4	0.315	431.446	ZINC	O=C(Nc1cccc2c1C(=O)C@H)1C=CC=C[C@H]1C2=O)c1ccc2c1C(=O)c1cccc1-2
vN-ctd-31	ZINC000059436990	-10.4	0.347	395.432	ZINC	O=C1c2ccc2C(=O)c2c1ccc1c2[C@H]2C=CC(C)C@H)2(C)C@H)1(c2ccc2)F)N1
vN-ctd-32	ZINC000100504092	-10.4	0.335	404.512	ZINC	O=C1ccc2n1C[C@H]1C[C@H]2(C)C2ccc3ccc4ccc5ccc2c3c45)cc1
vN-ctd-33	ZINC000102553907	-10.4	0.289	480.562	ZINC	CC1=CC[C@H]2[C@H](C)C(=O)N(c3ccc(-c4ccc(NS(C(=O)C)C@H)6C=C(C)C)C@H)6)C5=O)cc4)cc3(C)C(=O)C@H)2C1
vN-ctd-34	ZINC000104529567	-10.4	0.297	468.551	ZINC	Cc1ccc(N2C(=O)C3=C(C2=O)C)C=C[C@H](C)C@H)1(C)C@H)2C(=O)N(c4ccc(C)cc4)C2=O)C3)cc1C
vN-ctd-35	ZINC000408826920	-10.4	0.347	391.469	ZINC	Cc1ccc(C@H)2Nc3ccc4(c3C)C@H)3C=CC(C)C@H)32(C=O)c2ccc2C4=O)cc1
vN-ctd-36	ZINC000408831744	-10.4	0.347	411.887	ZINC	O=C1c2ccc2C(=O)c2c1ccc1c2[C@H]2C=CC(C)C@H)2(C)C@H)1(c2ccc(C)cc2)N1
vN-ctd-37	ZINC000409336379	-10.4	0.297	451.488	ZINC	O=C(Nc1ccc2ccc21)c1ccc2n3c4nccc4c4ccc2n3)cc1
vN-ctd-38	PV-001874906597	-10.3	0.332	454.424	REAL	O=C(c1ccc2(C)C(F)F)cc2(O)nc1H)2o1)N1CCS(=O)=O)C(C)C@H)1c1ccc1
vN-ctd-39	Z1024047020	-10.3	0.294	466.535	REAL	O=C1O(C)C@H)(c2ccc2)C2c2c(C(=O)N3CC(C)C@H)4(C)N(c5ccc5)CC3)cc21
vN-ctd-40	Z1192946650	-10.3	0.312	437.502	REAL	Cc1ccc(-n2c(NNC(=O)C3c1nH)c4ccc34)nc3ccc3c2=O)cc1
vN-ctd-41	Z1472736345	-10.3	0.312	446.505	REAL	CC(=O)N1CCc2ccc2[C@H](C)C(=O)N1n1nH)1c1ccc2(c1)OCCO2
vN-ctd-42	Z1472862510	-10.3	0.343	399.493	REAL	O=C(N)C@H)1(C)C@H)2C3ccc3[C@H]2)1c1ccc2(-O)n3nnc21)CCCC3
vN-ctd-43	Z1505419243	-10.3	0.322	430.51	REAL	Cc1ccc2n1H)1(C)C@H)3CCN(C(=O)C4=NN(c5ccc5)C(=O)C)C@H)1(C)C3)nc21
vN-ctd-44	Z165047412	-10.3	0.278	487.47	REAL	O=C1NC(=O)c2ccc2/C1=C1NNC(C(=O)c2ccc3c(C(=O)c4ccc4)ccc(c23)C1=O
vN-ctd-45	Z1684428213	-10.3	0.303	445.441	REAL	O=C1nc2(-c3ncc(-c4ccc(-n5ncc6ccc65)cc4)n3)cc1n1n2)ccc21
vN-ctd-46	Z1704441279	-10.3	0.322	447.514	REAL	C[C@H]1CCN(C(=O)c2ccc(NC3=NS(=O)=O)c4ccc43)cc2)c2(O)ccc21
vN-ctd-47	Z1731217817	-10.3	0.355	391.43	REAL	O=C(Nc1ccc2ccc2n1)Nc1ccc(C(=O)N2C)OCC2)c1
vN-ctd-48	Z1764004735	-10.3	0.312	443.452	REAL	Cc1ccc2n1H)c3(c2c1)CN(C(=O)c1ccc(F)cc2(=O)c4ccc(F)cc4n1H)12)CC3
vN-ctd-49	Z1891953576	-10.3	0.343	399.449	REAL	CC(=O)N1CCCc2ccc(N3C(=O)N)C@H)1(C)C@H)4(c4ccc5ccc45)C3=O)cc21
vN-ctd-50	Z243910572	-10.3	0.294	485.567	REAL	O=C(Nc1ccc2c1)nc1n2CCCC3c1c1ccc(NC2=NS(=O)=O)c3ccc32cc1
vN-ctd-51	Z283971412	-10.3	0.303	451.485	REAL	Cc1ccc(-c2nnc(-c3ccc(C(=O)N)C)C4c5ccc5ccc5(O)H)4)cc3)cc21
vN-ctd-52	Z298639830	-10.3	0.303	469.52	REAL	O=C1c2ccc2S(=O)=O)c2ccc(C(=O)N3CC=C(c4c1nH)c5ccc45)CC3)cc21
vN-ctd-53	Z424335154	-10.3	0.343	408.457	REAL	Cc1c(C(=O)Nc2ccc(C)C@H)3(C)N(C(=O)N)C3=O)c2)nc1H)c2c1C(=O)CC(C)C)C2
vN-ctd-54	Z839960534	-10.3	0.294	481.429	REAL	O=C1c2ccc2N(C)C@H)2(C)C(=O)N3CCc4cc32)OCCO4)N1c1ccc(C(F)F)F)1
vN-ctd-55	Z966268928	-10.3	0.286	478.55	REAL	O=C(Nc1ccc(C(=O)N2CCc3ccc32)c1c1ccc2(=O)nc3nc21)CCCC3
vN-ctd-56	ZINC000003671066	-10.3	0.294	459.5	ZINC	O=C(O)C@H)1C2c3ccc3C(c3ccc32)[C@H]1(C)C(=O)Nc1ccc2(c1)ccc1ccc12
vN-ctd-57	ZINC000008694925	-10.3	0.294	452.472	ZINC	O=C1c2ccc2C(=O)c2c3n1nH)1c(-c4n5ccc5nc4-c4ccc4c3)cc21
vN-ctd-58	ZINC000100968105	-10.3	0.286	491.532	ZINC	C[C@H]1CC2ccc(F)cc3(O)c(CCC4=C(O)c5ccc(F)cc65)C[C@H]4(C=O)C[C@H](C)CC6)cc(O)nc1c23
vN-ctd-59	PV-001818621537	-10.2	0.329	454.316	REAL	Cc1ccc(O)H)H)c2cc(C(=O)N3C[C@H]4(C)C@H)3(C)C(F)C(F)C(F)C(F)C4)F)cc12
vN-ctd-60	PV-001818621863	-10.2	0.329	455.304	REAL	Cc1ccc2c(C(=O)N3C[C@H]4(C)C@H)3(C)C(F)C(F)C(F)C(F)C4)F)cc2(=O)H)H1
vN-ctd-61	PV-001869783920	-10.2	0.319	455.534	REAL	Cc1ccc(S(=O)=O)C2CCN(C(=O)c3ccc(C)C@H)4(C)N(C(=O)N)C4=O)c3)CC2)cc1
vN-ctd-62	PV-001940740368	-10.2	0.319	456.609	REAL	C[C@H](CNC(=O)Nc1ccc(S(=O)=O)N)C[C@H](C)C@H)2[C@H]3C[C@H]1C)1c1ccc1
vN-ctd-63	PV-001945831122	-10.2	0.392	356.371	REAL	Cc1ccc2cc(NC(=O)N3CCc4ccc(F)cc4)3)cc21C
vN-ctd-64	Z1160637727	-10.2	0.291	491.571	REAL	Cc1ccc(N2CC(C)C@H)1(O)C(=O)c3ccc(NC4=NS(=O)=O)c5ccc54)cc3)cc1n1
vN-ctd-65	Z1260009954	-10.2	0.309	436.466	REAL	O=C(NNC(=O)c1ccc2ccc12)c1ccc2(c1)C[C@H](c1ccc1)OC2=O
vN-ctd-66	Z1312754180	-10.2	0.309	445.482	REAL	Cc1ccc(C(=O)Nc2ccc(-c3nnc4n3CCCC4)cc2)nc2(O)H)1c(O)c12
vN-ctd-67	Z1360025790	-10.2	0.34	403.489	REAL	O=C(C1CCN(c2ccc3nmm3n2)CC1)N1CC2(CCC2)c2ccc21
vN-ctd-68	Z139983810	-10.2	0.3	471.536	REAL	O=C(Nn1cnc2c3c2e1)O)CCCC3)c1ccc2e1)C[C@H](c1ccc1)OC2=O
vN-ctd-69	Z1684583135	-10.2	0.319	438.486	REAL	C[C@H]1(c2ccc(-c3ncc(C)C@H)4CCCN(C(=O)N5CCCC5)C4)n3)cc2)N(C(=O)N)C1=O
vN-ctd-70	Z1697480705	-10.2	0.392	348.376	REAL	Cc1ccc(F)cc2n1H)1c(C(=O)N3C[C@H]4(C)C@H)3(C)C(F)C(F)C(F)C4)F)cc12
vN-ctd-71	Z1698172573	-10.2	0.319	443.478	REAL	O=C1c2ccc2S(=O)=O)c2ccc(C(=O)N3C[C@H]4(C)C@H)3(C)C(F)C(F)C(F)C4)F)cc21
vN-ctd-72	Z1698181628	-10.2	0.34	398.421	REAL	Cn1c(C(=O)N)C[C@H]3CC(C(=O)c4ccc2c43)cc2c1=O)nc3ccc3n21
vN-ctd-73	Z1764266200	-10.2	0.319	426.431	REAL	C[C@H](c1ccc(NC(=O)c3ccc4n1H)c5ccc5(O)c4c3)cc2)N(C(=O)N)C1=O
vN-ctd-74	Z1863983108	-10.2	0.352	390.398	REAL	Cn1ccc(C(=O)Nc2ccc(C)C@H)3(C)N(C(=O)N)C3=O)c2)ccc2c1=O
vN-ctd-75	Z1891089698	-10.2	0.319	442.458	REAL	O=S1(=O)N=C(Nc2ccc(-c3ncc(-c4ccc5cc1nH)c5n4)nc3)cc2)c2ccc21
vN-ctd-76	Z1891122660	-10.2	0.319	442.458	REAL	O=S1(=O)N=C(Nc2ccc(-c3ncc(-c4ccc5ccc54)nc3)cc2)c2ccc21
vN-ctd-77	Z1907872362	-10.2	0.309	442.478	REAL	Cn1c(O)H)H)c2ncc(-c3ccc(C(=O)Nc4ccc5c(O)N)C(N)O)CC5)c3)cc21
vN-ctd-78	Z2066084353	-10.2	0.309	435.442	REAL	O=C(NNC(=O)c1n1nH)1c(=O)c2ccc12)c1ccc(-c2ccc3ccc23)cc1
vN-ctd-79	Z2141478755	-10.2	0.319	434.47	REAL	C[C@H](c2ccc(C(=O)N3CC(C)C(c4c1nH)c5ccc(F)cc45)CC3)cc2)N(C(=O)N)C1=O
vN-ctd-80	Z2154604015	-10.2	0.352	386.493	REAL	Cc1ccc(O)H)H)c2cc(C(=O)N3CC(C)C@H)4(C)C@H)3(C)C(F)C(F)C(F)C4)F)cc12
vN-ctd-81	Z215692118	-10.2	0.319	427.463	REAL	C[C@H]1(c2ccc(-c3ncc(-c4ccc5c6c1nH)c45)CCCC6)n3)cc2)N(C(=O)N)C1=O
vN-ctd-82	Z2188335143	-10.2	0.364	374.439	REAL	Cc1ccc(C)cc2(C(=O)N)3CCc4ccc(O)cc4(C)C3)cc21
vN-ctd-83	Z2285099282	-10.2	0.364	378.431	REAL	Cc1ccc2c1CC(C)C(N)C(C(=O)c1nc3c(O)c1)cc(O)H)1c(O)nc3C2
vN-ctd-84	Z52370516	-10.2	0.291	479.515	REAL	O=C(Nc1ccc(-c2n3ccc3n1H)2)c1c1ccc2(c1)S(=O)=O)c1ccc1C2=O
vN-ctd-85	Z728738796	-10.2	0.309	462.572	REAL	C[C@H]1CC2n1H)c3ccc(C(=O)N4CCN(C5=NS(=O)=O)c6ccc65)CC4)cc3c2C1
vN-ctd-86	Z79674176	-10.2	0.309	440.541	REAL	Cc1ccc(N2CCN(C(=O)c3ccc4c3)C[C@H](c3ccc3)O)C4=O)CC2)c1C
vN-ctd-87	Z851522220	-10.2	0.283	488.63	REAL	Cc1ccc(C(=O)N2CC(C)C)CC2)cc1N(C(=O)N1CCC(C(=O)N2CCc3ccc32)CC1
vN-ctd-88	Z977298470	-10.2	0.3	455.556	REAL	Cc1c(C(=O)Nc2ccc(C)C(=O)N3CCc4ccc43)cc2)H)H)c2c1C(=O)CC(C)C)C2
vN-ctd-89	ZINC000004107418	-10.2	0.276	478.558	ZINC	C=C1c(-c2ccc2)mn2c3ccc3nc12)[C@H]1C(c2ccc2)N2N2c3ccc3N1C[C@H]12
vN-ctd-90	ZINC000004175980	-10.2	0.329	398.464	ZINC	O=C1[C@H]2[C@H](C)C3n4ccc5ccc54)3)C1c3ccc3C2c2ccc21
vN-ctd-91	ZINC000004522763	-10.2	0.283	472.455	ZINC	Nc1c(C(=O)Nc2ccc3c2C(=O)c2ccc2C3=O)ccc2c1C(=O)c1ccc1C2=O
vN-ctd-92	ZINC000004794272	-10.2	0.283	529.538	ZINC	Cc1n1H)1c(O)H)1c(O)c1S(=O)=O)N1CCC(C)C@H)1(C)N2CCN(C3ccc(C(F)F)F)3)CC2)C1
vN-ctd-93	ZINC000008612447	-10.2	0.319	423.423	ZINC	Cc1ccc2(c1)O)cc(C(=O)Nc3ccc4ccc4c3)cc21
vN-ctd-94	ZINC000021867386	-10.2	0.283	486.481	ZINC	O=C(c1ccc2(O)nc3c(-c4ccc4)F)mm3n2)N1CCN(c2ccc(F)cc2)CC1
vN-ctd-95	ZINC000022528214	-10.2	0.3	449.513	ZINC	CC(C)1ccc(C)C@H)2N(C)Nc3ncc4ccc43)Nc3c4ccc4n1H)1c(O)c3)cc21
vN-ctd-96	ZINC000035538889	-10.2	0.319	422.443	ZINC	CN1c2ccc2[C@H](C)1c2(-c3ccc4ccc4c3)n1H)1c(O)H)1

Name	Catalog ID	Score	LE	MW	Library	SMILES
vN-ed2-101	PV-001809069814	-10.1	0.326	416.48	REAL	Cc1ccc(CNC(=O)c2ccc(C(=O)Nc3nc(O)c4c(n3)CCCC4)cc2)c1
vN-ed2-102	PV-0018111072406	-10.1	0.361	436.26	REAL	Cc1c(C(=O)Nc2ccc(-c3ccc(Br)c3)n2)oc(=O)c2ccc12
vN-ed2-103	PV-001811757658	-10.1	0.316	445.48	REAL	O=C(c1ccc(-c2ccc2)c1)N1CCCC[C@H](J)[C@H](J)CCN(C(=O)C(F)F)C1
vN-ed2-104	PV-001838861973	-10.1	0.374	363.35	REAL	Cc1c(C(=O)Nc2ccc(-c3ccc3F)n2)jnhJc(=O)c2ccc12
vN-ed2-105	PV-001858361756	-10.1	0.306	455.44	REAL	Cc1ccc2c(NC(=O)[C@H](J)3CCC(C(=O)N)C)[C@H](J)3ccc(C(F)F)cc3nJhJ2c1C#N
vN-ed2-106	PV-001885289599	-10.1	0.348	458.29	REAL	CN1C(=O)C(C)C2ccc(C(=O)Nc3nc(-c4ccc(Br)cc4F)nH3)ccc21
vN-ed2-107	Z1021229948	-10.1	0.306	447.42	REAL	O=C1nHJc(Ce2nc(-c3ccc3)nHJ2)me2ccc(-c3ccc(C(F)F)cc3)cc12
vN-ed2-108	Z1043030904	-10.1	0.273	495.59	REAL	Cc1ccc(NC(=O)[C@H](J)2CC3ccc3N2C(=O)C2CCN(c3ccc4mmn4n3)CC2)cc1
vN-ed2-109	Z1075647338	-10.1	0.281	488.59	REAL	Cc1ccc(C(=O)N2CCC(NC(=O)N3CCN(C4c4ccc5ccc5c(=O)[nH]4)CC3)CC2)cc1
vN-ed2-110	Z1134220569	-10.1	0.281	471.52	REAL	O=C1C(c2cenn3ccc23)CC2(C)C=Cc1enn3ccc13(C)C(=O)N1ccc12
vN-ed2-111	Z1161084575	-10.1	0.289	484.54	REAL	O=C(Nc1ccc(-c2nn3n2CCCC3)cc1)c1ccc2c(c1)S(=O)(=O)c1ccc1C2=O
vN-ed2-112	Z1170162723	-10.1	0.297	446.43	REAL	O=C1c2c(-c3nc(-c4ccc(-n5ccc6ccc6c5)n4)no3)cHJn2c2ccc12
vN-ed2-113	Z1174758868	-10.1	0.306	442.48	REAL	O=C(c1c2c(nc3ccc13)C(C)=Cvc1ccc1)CCC2N1CCO[C@H](J)(e2nm)HJ2)C1
vN-ed2-114	Z1199002097	-10.1	0.306	436.51	REAL	O=C(Nc1ccc2c(c1)CCN2C(=O)c1ccc1)c1ccc2[nH]J3c(c2e1)C)CC3
vN-ed2-115	Z1240727240	-10.1	0.316	449.51	REAL	C[C@H](J)1c2c(F)ccc2CCN1C(=O)c1ccc(NC2=NS(=O)=O)c3ccc32)cc1
vN-ed2-116	Z133656968	-10.1	0.306	467.54	REAL	CC(=O)N1CCC2ccc(S(=O)(=O)O)c3ccc4c5c(c(=O)oc4c3)CCCC5)ccc21
vN-ed2-117	Z1383810362	-10.1	0.337	397.39	REAL	O=C1O[C@H](C(=O)Nc2ccc3c2)C(=O)c2ccc2C3=O)C2ccc2=O
vN-ed2-118	Z1391596126	-10.1	0.316	429.48	REAL	Cc1ccc(-c2cc(C(=O)N3CCC[C@H](N)C(=O)c4ccc5ccc5O4)C3)on2)cc1
vN-ed2-119	Z1411806918	-10.1	0.316	427.44	REAL	Cc1ccc(-c2nc(-c3ccc(C(=O)Nc4nc5c(F)ccc5n4C)cc3)cc2)cc1
vN-ed2-120	Z1451348456	-10.1	0.316	429.52	REAL	CC1(C)C(=O)N2ccc(C(=O)Nc3ccc(-c4nnc5n4CCCC5)cc3)cc21
vN-ed2-121	Z1452677455	-10.1	0.316	429.45	REAL	C[C@H](J)(c2ccc(C(=O)N3CC4ccc(-c5ccc(F)c5)ccc43)N2)NC(=O)N1C=O
vN-ed2-122	Z1481412627	-10.1	0.306	444.42	REAL	C[C@H](J)(c2ccc(NC(=O)c3ccc4ncc(-c5ccc(F)c5)c4c3)N2)NC(=O)N1C=O
vN-ed2-123	Z1521939402	-10.1	0.306	449.46	REAL	C[C@H](J)Oc2ccc(C(=O)C3CCN(C(=O)c4ccc5c4o(=O)n5)CC3)cc2N1C=O
vN-ed2-124	Z1627364166	-10.1	0.348	390.40	REAL	Cn1ccc(-c2ccc(C(=O)Nc3ccc(C@@(J4)C)NC(=O)N4=O)c3)cc2n1
vN-ed2-125	Z1683364048	-10.1	0.316	441.47	REAL	O=S1(=O)N=C(Nc2ccc(-c3nc(-c4ccc5[nH]ccc54)n3)cc2)ccc21
vN-ed2-126	Z1684856266	-10.1	0.316	442.50	REAL	O=S1(=O)N=C(Nc2ccc(-c3nc(C@@(H)4)C5ccc54)n3)cc2)ccc21
vN-ed2-127	Z1685320529	-10.1	0.316	427.47	REAL	Cc1nnc(-c2ccc(-c3ncc(C4CCN(c5n6ccc6c5)CC4)3)2)jnhJ1
vN-ed2-128	Z1685321062	-10.1	0.297	449.47	REAL	Cc1nnc(-c2ccc(-c3ncc(-c4ccc(c4)C)C@H)(J4)ccc4)O(C5=O)n3)2)jnhJ1
vN-ed2-129	Z172343789	-10.1	0.337	398.47	REAL	Cc1ccc2c(c1)CC(C@H)(J)N2(=O)c1ccc(-c2nc3[nH]Jc(=O)N(C)3c2)cc1
vN-ed2-130	Z1752608634	-10.1	0.306	446.49	REAL	O=C(N[C@H](J)CCc2nnc(-c3ccc(F)cc3)n2C1)N1CC[C@H](J)2(C)C(=O)N1ccc12
vN-ed2-131	Z1765110758	-10.1	0.306	437.50	REAL	O=C1Nc2ccc2[C@H](J)1CCN(C(=O)c2ccc3[nH]J4ccc4c(=O)c3)CC1
vN-ed2-132	Z1890914883	-10.1	0.374	355.36	REAL	Cc1ccc(-c2ncc(-c3n[nH]Jc(=O)c4ccc34)n2)me2ccc12
vN-ed2-133	Z1892015761	-10.1	0.361	392.43	REAL	O=C1N[C@H](J)(c2ccc3ccc23)C(=O)N1c1ccc2c1)S(=O)(=O)CC2
vN-ed2-134	Z2004206136	-10.1	0.306	438.49	REAL	Cn1c(=O)nHJc2ncc(-c3ccc(C(=O)N4CCC(C#N)c5ccc5n4)k3)cc21
vN-ed2-135	Z202253278	-10.1	0.326	430.53	REAL	O=C(C1nc(-c2ccc2)es1)N(NC(=O)c1ccc2[nH]Jc3c(c2e1)CCCC3
vN-ed2-136	Z2167006606	-10.1	0.306	447.47	REAL	Cn1c(-c2n[nH]Jc(=O)c3ccc23)nnc1CCCCN(C(=O)c2ccc(F)c2)CC1
vN-ed2-137	Z2170271478	-10.1	0.348	387.44	REAL	O=C(Nc1ccc2nc3nc(=O)c2e1)CCC3)c1ccc2c1)C)CCCC2=O
vN-ed2-138	Z2902834347	-10.1	0.306	453.48	REAL	O=S1(=O)N=C(Nc2ccc(-c3nc(-c4ncc5ccc54)jmo3)2)ccc21
vN-ed2-139	Z2902892909	-10.1	0.273	499.55	REAL	CN1CCC(=O)N2ccc(-c3nc(-c4ccc(N5CCN(c6ccc(F)ccc6)C5)nc4)no3)ccc21
vN-ed2-140	Z311871846	-10.1	0.306	436.52	REAL	Nc1nc(CN2CCN(C(=O)c3ccc4c(ccc5ccc54)jH)3)CC2)me2ccc12
vN-ed2-141	Z654776498	-10.1	0.316	429.52	REAL	C[C@H](J)CCc2[nH]Jc3ccc(C(=O)Nc4ccc5[nH]Jc(N6CCOCC6)nc4)3)cc2C1
vN-ed2-142	Z73939098	-10.1	0.297	452.47	REAL	Cn1c(=O)c2ccc2n2c(CN3C(=O)N)C@H)(J)(C)4ccc5ccc54)C3=O)jnc12
vN-ed2-143	Z771078902	-10.1	0.326	431.52	REAL	C[C@H](J)CCN(C(=O)c2ccc(NC3=NS(=O)=O)c4ccc43)cc2)ccc21
vN-ed2-144	Z810731188	-10.1	0.281	499.59	REAL	Cn1c(C@H)(J)2CCCCN2C(=O)c2ccc(NC3=NS(=O)=O)c4ccc43)cc2)ccc21
vN-ed2-145	Z846287900	-10.1	0.306	439.51	REAL	Cc1ccc(C@H)(J)2CCCN2C(=O)c2ccc3c2)C(=O)N(C2ccc2)C3=O)cc1C
vN-ed2-146	Z952446382	-10.1	0.289	485.57	REAL	Cc1ccc2[nH]Jc(C@H)(J)3CCC(N3C(=O)c3ccc(NC4=NS(=O)=O)c5ccc54)cc2)cc1
vN-ed2-147	ZINC000001714458	-10.1	0.289	462.46	ZINC	O=C1c2ccc2C(=O)C(C)C=Cc2ccc2)C2=C(O)C(=O)c3ccc3C2=O)=C1O
vN-ed2-148	ZINC000002371636	-10.1	0.316	418.41	ZINC	O=C1c2ccc(-c3n4ccc4c(=O)c3)cc2C(=O)N1c1ccc2ccc12
vN-ed2-149	ZINC000002896234	-10.1	0.281	472.50	ZINC	Cc1ccc1c1nc2ccc(-c3ccc4nec(-c5ccc5C)oc(=O)c4c3)cc2(=O)j1
vN-ed2-150	ZINC000003056675	-10.1	0.297	453.54	ZINC	Cc1ccc1c1N1CCN(C(=O)c2ccc(C=C3)Oc4ccc4N3=O)cc2)C(C)H(C)C1
vN-ed2-151	ZINC000004091241	-10.1	0.289	457.44	ZINC	O=C(Nc1ccc2c1)C(=O)c1ccc1C2=O)c1ccc2c1)C(=O)c1ccc1C2=O
vN-ed2-152	ZINC000007613840	-10.1	0.374	359.38	ZINC	O=C(Nc1nnc(-c2ccc3c2)CCCC3)j1c1ccc2ccc12
vN-ed2-153	ZINC000008648258	-10.1	0.281	474.48	ZINC	O=C(O)c1ccc(-c2n3ccc(-c4ccc5[nH]Jc(-c6ccc(C(=O)O)cc6)nc54)cc3)jnhJ2)cc1
vN-ed2-154	ZINC000012752096	-10.1	0.306	438.45	ZINC	O=C(NNC(=O)c1ccc2en[nH]e21)c1ccc(Cn2nnc(-c3ccc3)n2)cc1
vN-ed2-155	ZINC000015887215	-10.1	0.316	450.56	ZINC	C[C@H](J)CCc2[nH]Jc3ccc(C(=O)Nc4ccc5[nH]Jc(N6CCOCC6)nc4)3)cc2C1
vN-ed2-156	ZINC000017093521	-10.1	0.316	423.44	ZINC	Cc1[nH]Jc2e1[C@H](J)(c1nnc(C)1)c1c3nc(-c4[nH]Jc5ccc54)jnn3nc1O2
vN-ed2-157	ZINC000021655264	-10.1	0.273	491.55	ZINC	Cc1ccc(-c2ncc(-c3ncc(C(=O)Nc4ccc5c4)CCCC5)4nc(C)ccc43=O)n2)cc1
vN-ed2-158	ZINC000021867174	-10.1	0.273	492.58	ZINC	Cc1ccc(-c2nn3n2nc(=O)2ccc(C(=O)N4CCN(c5ccc(C)cc5)CC4)cc23)cc1
vN-ed2-159	ZINC000021867378	-10.1	0.289	468.49	ZINC	O=C(c1ccc2c(O)nc3c(-c4ccc4F)jnn32e1)N1CCN(c2ccc2)CC1
vN-ed2-160	ZINC000021867393	-10.1	0.273	496.55	ZINC	Cc1ccc(C)2CCN(C(=O)c3ccc4c(O)nc5c(-c6ccc6F)jnn54c3)CC2)cc1
vN-ed2-161	ZINC000077406513	-10.1	0.337	402.47	ZINC	Cc1ccc(CNC(=O)c3n[nH]J4c3CCCC4)ccc2[nH]Jc1-c1ccc(F)cc1
vN-ed2-162	ZINC00011025561	-10.1	0.281	479.49	ZINC	O=C1C[C@H](N)O[C@H](J)2CC(=O)N(c3ccc4ccc4c3)C2=O)C(=O)N1c1ccc2ccc2c1
vN-ed2-163	ZINC000102635692	-10.1	0.348	389.41	ZINC	Cc1nnc2(N3C(=O)[C@H](J)4CC=CC[C@H](J)4)3=O)jnc2)C1c1ccc1
vN-ed2-164	ZINC000257198806	-10.1	0.316	428.58	ZINC	O=C(c1n[nH]Jc21CCc1ccc1-2)N1CCCC2=C[C@H](J)3[C@H](J)4CCCC[C@H](J)34)C@H)(J)2
vN-ed2-165	ZINC000299738308	-10.1	0.289	477.51	ZINC	C[C@H](J)CCc2c(F)cc3c2[C@H](J)C(C)C(c1c(O)c2c(F)cc4e2n(c1=O)[C@H](J)CC4=C3O
vN-ed2-166	ZINC000408864607	-10.1	0.337	395.43	ZINC	O=C1c2ccc2C(=O)c2e1ccc12[C@H](J)2C=CC(C)C@H)(J)2c2c(F)cc2)N1
vN-ed2-167	ZINC000409337159	-10.1	0.266	494.51	ZINC	O=C(Nc1ccc2n3ccc4ccc4c3n2e1)c1ccc(N2C(=O)c3ccc3C2)cc1
vN-ed2-168	PV-001801797994	-10.0	0.323	428.41	REAL	CN1C(=O)C(C)C2c(C(=O)Nc3ccc(-c4ccc(C(F)F)cc4)3)cc21
vN-ed2-169	PV-001809069531	-10.0	0.385	354.34	REAL	O=C(Nc1ncc(O)c2e1)CCCC2)c1cc(=O)nHJc2c(F)ccc12
vN-ed2-170	PV-00182237837	-10.0	0.357	372.38	REAL	Cc1ccc(C(=O)N)N(C(=O)c2n[nH]Jc(=O)c3ccc23)2ccc12
vN-ed2-171	PV-001822247080	-10.0	0.303	455.39	REAL	O=C1CCc2c(F)N(C)C(=O)c3ccc(NC(=O)c4ccc(F)cc4)cc3O)cc2N1
vN-ed2-172	PV-001833853142	-10.0	0.370	356.38	REAL	O=C(NNC(=O)c1ccc2ccc12)c1ccc2ccc12)c1ccc2ccc12
vN-ed2-173	PV-001833853427	-10.0	0.357	371.40	REAL	O=C1C(=O)N(C)C(=O)c2ccc3ccc23)cc1)O)me2ccc12
vN-ed2-174	PV-001839839282	-10.0	0.385	349.34	REAL	O=C1CCO2c2(NC(=O)c3ccc4ccc(O)cc43)O)ccc21
vN-ed2-175	PV-001842161697	-10.0	0.385	345.44	REAL	C[C@H](J)CCc2ccc2[C@H](J)N(C)C(=O)c1ccc2ccc2c1O
vN-ed2-176	PV-001848790643	-10.0	0.323	421.40	REAL	C[C@H](J)(c2ccc(C(=O)Nc3ccc(-c4ccc(F)cc4)3)2)N(C)O)N1C=O
vN-ed2-177	PV-001850120211	-10.0	0.345	390.40	REAL	Cc1ncc(-c2ccc(C(=O)Nc3ccc(C4CC(=O)N)C(=O)C4)3)cc2)n1
vN-ed2-178	PV-001871871051	-10.0	0.385	344.37	REAL	Cc1ccc(C)2c2c(NC(=O)c3n[nH]J4ccc4c3=O)cc2n1
vN-ed2-179	PV-001948704330	-10.0	0.313	444.39	REAL	O=C(NNC(=O)c1ccc2ccc12)N(C)C@H)(J)c1n[nH]Jc2ccc(F)cc12(C)F)F)F
vN-ed2-180	Z1024049144	-10.0	0.286	465.51	REAL	O=C1Nc2ccc2[C@H](J)1CCN(C(=O)c2ccc(N3C(=O)N)C(=O)C2)cc1C2)CC1
vN-ed2-181	Z1074896398	-10.0	0.303	480.51	REAL	CN1CCC1=NS(=O)=O)c1ccc(NC(=O)N)C2(c3ccc(C(F)F)cc3)CC2)cc1
vN-ed2-182	Z1095049186	-10.0	0.357	365.40	REAL	O=C(Nc1ncc(-c2ccc3ccc3n2)nHJ1)c1ccc2ccc2c1
vN-ed2-183	Z1096186020	-10.0	0.294	491.59	REAL	C[C@H](J)(c2ccc3ccc23)N(C(=O)N)C2c2c(-c3ccc(S(C)C(=O)=O)cc3)n2)C1=O
vN-ed2-184	Z1098707397	-10.0	0.385	344.35	REAL	O=C(Nc1n[nH]Jc2ccc(F)cc12)c1ccc2ccc3ccc33)jnhJ1
vN-ed2-185	Z110096356	-10.0	0.278	486.48	REAL	C[C@H](J)1Oe2ccc(NC(=O)c3ccc(C(=O)Nc4ccc5c4)N)C(=O)[C@H](J)C(O)5)cc2N1C=O
vN-ed2-186	Z1101835892	-10.0	0.303	440.43	REAL	Cc1ncc2c(F)cc(C(=O)Nc3ccc(N4C(=O)c5ccc5C4=O)cc3)2)cc1C
vN-ed2-187	Z1129405406	-10.0	0.303	439.47	REAL	CN1C(=O)CCc2ccc(NC(=O)c3ccc(NC(=O)c4ccc5[nH]ccc54)3)cc21
vN-ed2-188	Z1171598131	-10.0	0.313	425.45	REAL	Cc1nnc2[nH]Jc(NC(=O)c3ccc4c(=O)c)C(c(-c5ccc5)cc34)2e1C
vN-ed2-189	Z1177435038	-10.0	0.370	355.35	REAL	O=C(Nc1ccc2ccc3ccc3e2c1)c1n[nH]Jc2ccc2c1=O
vN-ed2-190	Z1232651137	-10.0	0.345	392.37	REAL	Cc1ccc(C(=O)Nc2n3ccc3cc(=O)nHJ2)me2c1c(=O)N(C)C(=O)N2C
vN-ed2-191	Z1304269314	-10.0	0.313	425.45	REAL	O=C1c2ccc2C(=O)N1[C@H](J)CCC(C(=O)N)Nc2nnc3ccc2ccc23)C1
vN-ed2-192	Z1347710577	-10.0	0.313	430.51	REAL	C[C@H](J)C(=O)Nc2cc(C(=O)Nc3ccc(-c4nnc5n4CCCC5)cc3)ccc2N1C
vN-ed2-193	Z1347774863	-10.0	0.303	444.54	REAL	Cc1ccc(-c2nnc(-c3ccc(C(=O)N)4nnc5c6c(=O)c54)O)CCCC6)cc3)2)cc1
vN-ed2-194	Z139984444	-10.0	0.286	483.55	REAL	Cc1ccc2c1CCN(C(=O)Nc1ccc3oet(N)C)nc3e1)C2
vN-ed2-195	Z1441537213	-10.0	0.385	350.42	REAL	C1=C(c2ccc3c2)O)CCO3)CCN(c2nnc3ccc3n2N2CCOCC2)C1
vN-ed2-196	Z1577041855	-10.0	0.313	430.51	REAL	O=C(Cc1ccc(N2C(=O)[C@H](J)3c4ccc4CCN3C2=O)N)N1CC2ccc2c1
vN-ed2-197	Z1612411734	-10.0	0.313	437.50	REAL	Cc1ccc(N2CCN(C(=O)c3ccc4c(c3)C)C@H)(J)(c3ccc3)O)C4=O)CC2)cc1
vN-ed2-198	Z165129150	-10.0	0.313	426.51	REAL	C[C@H](J)CCc2[nH]Jc3ccc(-c4nnc5n4)C(C)C(=O)O)me4)cc3)cc2C1
vN-ed2-199	Z1682437947	-10.0	0.313	448.50	REAL	O=C1c2ccc2cc1-c1ncc(-c2ccc3n2)j2)mo1
vN-ed2-200	Z1683177695	-10.0	0.370	355.36		

Name	Catalog ID	Score	LE	MW	Library	SMILES
vSpike-ace2.1-1	ZINC00010688954	-10.3	0.264	511.58	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2c4cccc4C=NN2[C@H]3C(=O)c2ccc(-c3cccc3)cc2)cc1
vSpike-ace2.1-2	Z1452691933	-10.1	0.306	445.493	REAL	O=C(NC)[C@H]1[C@H]2C3C3ccc3[C@H]12)NCC(=O)[C@H]1c1ccc1OC1ccc1Fcc1
vSpike-ace2.1-3	Z2087363989	-10	0.313	420.427	REAL	O=C1N[C@H](C2ccc3ccc3c2)C(=O)N1c1ccc(-c2ccc3nccc32)on1
vSpike-ace2.1-4	Z1948615421	-9.9	0.367	361.444	REAL	O=C(Cc1[nH]c2ccc12)NCC(=O)[C@H]1[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]7[C@H]8[C@H]9[C@H]10
vSpike-ace2.1-5	Z1524785469	-9.7	0.323	394.473	REAL	O=C1c1ccc2ccc2e2f(=O)nH1)N1CCc2ccc2[C@H]1C1ccc1
vSpike-ace2.1-6	Z1541121209	-9.7	0.313	433.531	REAL	O=C1[C@H]1Nc2ccc2S(=O)(=O)N1)N1CCc2ccc2[C@H]1C1ccc1
vSpike-ace2.1-7	Z2633153141	-9.7	0.346	392.538	REAL	CCCC[C@H]1[C@H](CNC(=O)[C@H]1(C)C(=O)[C@H]2CC[C@H]1O2)NCC(=O)[C@H]1(C)C(=O)[C@H]2CC[C@H]1O2
vSpike-ace2.1-8	Z511797774	-9.7	0.303	443.526	REAL	O=C1c1ccc2e1c1-c1ccc1c2)N1CCN(C2=NS(=O)(=O)c3ccc3c2)CC1
vSpike-ace2.1-9	Z973896126	-9.7	0.285	448.525	REAL	Ce1nHnHj(NC(=O)[C@H]2CC(=O)N)c3ccc4e(c3)C3ccc3c4)C2j1c1-c1ccc1
vSpike-ace2.1-10	ZINC000008449797	-9.7	0.255	493.561	ZINC	O=C1[C@H]2[C@H](C)(=O)N1c1ccc(Oc3ccc4ccc4c3)cc1)C1c3ccc3C2c2ccc21
vSpike-ace2.1-11	ZINC000101835650	-9.7	0.269	493.59	ZINC	Cc1ccc([C@H]2[C@H]2=C(c3ccc3)Nc3nc(NS(=O)(=O)c4ccc5ccc5c4)mn32)cc1
vSpike-ace2.1-12	ZINC000102709703	-9.7	0.269	491.532	ZINC	C[C@H]1CC2cc(F)cc3c2[C@H]1C(=O)C(Cc1c(O)c2cc(F)cc4c2n(c1=O)[C@H](C)CC4)=C3O
vSpike-ace2.1-13	ZINC000102709700	-9.7	0.269	491.532	ZINC	C[C@H]1CC2cc(F)cc3c2[C@H]1C(=O)C(Cc1c(O)c2cc(F)cc4c2n(c1=O)[C@H](C)CC4)=C3O
vSpike-ace2.1-14	ZINC000408730040	-9.7	0.262	485.538	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2[C@H]3C(=O)O)c4ccc5ccc4C2=C[C@H]3c2ccc2)cc1
vSpike-ace2.1-15	Z1603395474	-9.6	0.31	421.543	REAL	Cn1ccc(N2CCC[C@H](NC(=O)N)[C@H]3[C@H]4CC(C)(C)C5ccc3c54)C2=O)n1
vSpike-ace2.1-16	Z2902672278	-9.6	0.259	486.494	REAL	Cn1c(=O)nHj2ccc(-c3ccc(-c4nc(-c5ccc(-n6cnc7ccc76)nc5)n4)4)cc21
vSpike-ace2.1-17	ZINC000102083157	-9.6	0.274	463.531	ZINC	CC1=C[C@H]2[C@H]1[C@H]1C(=O)N(c3ccc(OCC(=O)O)c4ccc(-c5ccc5)cc4)C3(C)=O)[C@H]21
vSpike-ace2.1-18	ZINC000247797224	-9.6	0.253	497.553	ZINC	O=C1c1ccc(-c2ccc1)C[C@H]1[C@H]2[C@H]3[C@H]4[C@H]5[C@H]6[C@H]7[C@H]8[C@H]9[C@H]10
vSpike-ace2.1-19	ZINC000408731626	-9.6	0.253	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2[C@H]3C(=O)O)c4ccc5ccc4C2=C[C@H]3c2ccc2)cc1
vSpike-ace2.1-20	PV-001962375352	-9.5	0.297	441.52	REAL	C[C@H]1[C@H](NC(=O)N1CC[C@H]1(C)C(=O)N1)C1(C)C(=O)N1c2ccc2[C@H]1C1
vSpike-ace2.1-21	Z1021140402	-9.5	0.297	430.467	REAL	Cc1ccc(-O)2nc(NC(=O)[C@H]3CCCN(C)=O)c4ccc5ccc45)C3)jH2j1
vSpike-ace2.1-22	Z1389663584	-9.5	0.288	441.529	REAL	O=C(NCCN1C(=O)[C@H]2[C@H]3[C@H]C=C[C@H]3)C[C@H]2[C@H]1O1N1C2ccc2[C@H]1C2ccc2)C1
vSpike-ace2.1-23	Z1603403958	-9.5	0.317	401.508	REAL	CC1(C)CC[C@H]2[C@H](NC(=O)N)C3ccc(=O)nHj4ccc34)3ccc1c32
vSpike-ace2.1-24	Z1723437098	-9.5	0.257	498.517	REAL	Cn1c(=O)nHj2ccc(-c3ccc(C(=O)N4CC[C@H]1c5nc(-c6ccc(F)cc6)no5)C4)cc21
vSpike-ace2.1-25	Z1870480213	-9.5	0.317	404.44	REAL	O=C1N[C@H](C2ccc3ccc3c2)C(=O)N1[C@H]1[C@H]1CO[C@H]2[C@H]1C2ccc2)C1
vSpike-ace2.1-26	Z2004574187	-9.5	0.297	430.546	REAL	CC1(C)C(=O)N(C)[C@H](C)O(C)C(=O)N2[C@H]3C=C(c4ccc4)C[C@H]2(C)C3c2ccc2)cc1
vSpike-ace2.1-27	Z2086535021	-9.5	0.339	372.423	REAL	O=C1N[C@H](C2ccc3ccc3c2)C(=O)N1[C@H]1[C@H]1CC2ccc2)C1
vSpike-ace2.1-28	Z71170329	-9.5	0.306	406.484	REAL	O=C(NC)[C@H]1CC2c3ccc3C1c1ccc12)j1c1ccc2ccc2e2(=O)nH1
vSpike-ace2.1-29	ZINC000001717021	-9.5	0.297	417.419	ZINC	O=c1oc2cc(-n3c(=O)c4ccc4c4ccc4c3)cc1)ccc2ccc21
vSpike-ace2.1-30	ZINC000002299954	-9.5	0.306	410.468	ZINC	Cc1c(OCC(=O)c2ccc(-c3ccc3)cc2)ccc23c(=O)oc12)CCC3
vSpike-ace2.1-31	ZINC000002908937	-9.5	0.257	494.452	ZINC	O=c1oc(-c2ccc(F)c2)me2cc(Cc3ccc4nc(-c5ccc(F)c5)oc(=O)c4)3)cc1
vSpike-ace2.1-32	ZINC000012436788	-9.5	0.288	431.446	ZINC	O=C(Nc1ccc2c1C(=O)[C@H]1C=CC=C[C@H]1C2=O)c1ccc2c1C(=O)c1ccc1-2
vSpike-ace2.1-33	ZINC000015957613	-9.5	0.264	481.507	ZINC	O=C1N[C@H](C2[C@H](C1)C(=O)N1)C1(C)C(=O)N1c3ccc4c3)C2=O)C1(C)C(=O)N1
vSpike-ace2.1-34	ZINC000101835700	-9.5	0.297	421.503	ZINC	Cc1ccc(C2=C[C@H](C3ccc3)j3nc(NC(=O)c4ccc(C)c4)mn32)cc1
vSpike-ace2.1-35	ZINC000408733650	-9.5	0.257	485.538	ZINC	Cc1ccc2e1c(O)C(=O)[C@H]1C2=C[C@H](C2ccc2)C[C@H]2(C)N1C3ccc4ccc43)C1(C)C(=O)N1
vSpike-ace2.1-36	ZINC000409336230	-9.5	0.25	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2[C@H]3C(=O)O)c4ccc5ccc4C2=C[C@H]3c2ccc2)cc1
vSpike-ace2.1-37	ZINC000409336236	-9.5	0.25	499.565	ZINC	Cc1ccc(N2C(=O)[C@H]3[C@H](C2=O)[C@H]2[C@H]3C(=O)O)c4ccc5ccc4C2=C[C@H]3c2ccc2)cc1
vSpike-ace2.1-38	PV-001801798150	-9.4	0.303	432.401	REAL	CC1(C)CNC(=O)c2c(C(=O)Nc3nc(-c4ccc(F)cc4)j3)oc2C1
vSpike-ace2.1-39	PV-001813318786	-9.4	0.324	392.404	REAL	NC(=O)c1ccc2c1CCN(C(=O)c1ccc(-c3ccc(F)cc3)F)C2
vSpike-ace2.1-40	PV-001955148032	-9.4	0.324	388.509	REAL	CC1(C)CC[C@H]2[C@H](NC(=O)N)C3ccc(=O)nHj4ccc34)3ccc1c32
vSpike-ace2.1-41	PV-001955148372	-9.4	0.294	437.557	REAL	CC1(C)CC[C@H]2[C@H](NC(=O)N)C3ccc(=O)nHj4ccc34)3ccc1c32
vSpike-ace2.1-42	Z1188975473	-9.4	0.313	415.839	REAL	O=C(NNc1ccc2e1c(O)nHjccc21)N[C@H]1C2ccc(-c3ccc3)cc1
vSpike-ace2.1-43	Z11967290	-9.4	0.276	473.556	REAL	Cc1ccc(-c2me(NC(=O)c3ccc(S(=O)(=O)N4Cc5ccc5C4)cc3)jH2)cc1
vSpike-ace2.1-44	Z1336613669	-9.4	0.285	442.474	REAL	CN1C(=O)CN(C(=O)CN2C(=O)N)C1(C)C(c3ccc4ccc4c3)C2=O)ccc2c1
vSpike-ace2.1-45	Z1374245383	-9.4	0.324	411.525	REAL	O=C([C@H]1Nc2ccc2S(=O)(=O)N1)N1CC[C@H]2[C@H]3C3ccc3)C1
vSpike-ace2.1-46	Z144731708	-9.4	0.294	420.423	REAL	O=C1NC(=O)c2ccc2C1=C/C1ccc(C=C2C(=O)NC(=O)c3ccc3)cc1
vSpike-ace2.1-47	Z1452696604	-9.4	0.276	448.525	REAL	O=C(NC)[C@H]1[C@H]2C3C3ccc3[C@H]12)NCC(=O)[C@H]1c1ccc1-c2ccc2)cc1
vSpike-ace2.1-48	Z1473414262	-9.4	0.276	448.525	REAL	O=C(NNC(=O)c1ccc(-c2ccc2)nc2ccc12)N[C@H]1[C@H]2[C@H]3C3ccc3)C1(C)C(=O)N1
vSpike-ace2.1-49	Z1537126265	-9.4	0.313	395.461	REAL	O=C1nc2ccc2e1c(O)nH1)N1CCc2ccc2[C@H]1C1ccc1
vSpike-ace2.1-50	Z1571944836	-9.4	0.294	427.546	REAL	Cc1ccc(Cc2=C2CCN(C(=O)c3ccc4c(O)n5c(nc43)C)CC(C)C2)cc1
vSpike-ace2.1-51	Z162927954	-9.4	0.324	384.434	REAL	O=C(Nc1ccc2e1c1Cc1ccc1-2)N1C1(C(=O)O)C2ccc2C1
vSpike-ace2.1-52	Z1682893334	-9.4	0.294	423.431	REAL	O=C1CNC(=O)N1C1ccc1-1nc1cc(-c2ccc3ccc4ccc43)jH2j1
vSpike-ace2.1-53	Z1698176044	-9.4	0.336	365.431	REAL	O=C1CC[C@H]2[C@H](C(=O)c3ccc4c3)C3ccc3-4)3ccc1c32
vSpike-ace2.1-54	Z186454237	-9.4	0.313	394.473	REAL	Cn1ccc(C(=O)N2CCC3ccc(-c4ccc4)ccc32)ccc2e1=O
vSpike-ace2.1-55	Z1891946720	-9.4	0.276	447.493	REAL	O=C1c1ccc(N2C(=O)N[C@H]3[C@H](C2=O)N1)N1CCc2ccc21
vSpike-ace2.1-56	Z1983287835	-9.4	0.324	392.454	REAL	Cc1ccc2e1CN3C(=O)N(C)[C@H]3[C@H]4[C@H]5[C@H]6[C@H]7[C@H]8[C@H]9[C@H]10
vSpike-ace2.1-57	Z2001436960	-9.4	0.324	388.466	REAL	CC(=O)N1C[C@H](C)(=O)N2[C@H]3C=C(c4ccc4)C[C@H]2(C)O2ccc2)cc1
vSpike-ace2.1-58	Z2004579732	-9.4	0.348	357.412	REAL	O=C1c1nHnHj(=O)c2ccc12)N1[C@H]2C(=O)c3ccc3)C[C@H]1CC2
vSpike-ace2.1-59	Z2119931797	-9.4	0.303	410.476	REAL	O=C(NNc1ccc2e1c(O)nHjccc21)N[C@H]1C2ccc(-c3ccc3)cc1
vSpike-ace2.1-60	Z226821924	-9.4	0.276	456.497	REAL	Cc1ccc(Oc(=O)CN2C(=O)N)C1(C)C(c3ccc4ccc4c3)C2=O)c1C(C)C(=O)N1
vSpike-ace2.1-61	Z358867962	-9.4	0.313	415.532	REAL	Cc1ccc([C@H](C)C(=O)O)[C@H](C)C(=O)N(C)[C@H](C)C(=O)N1)C1(C)C(=O)N1c2ccc2)cc1
vSpike-ace2.1-62	Z749462654	-9.4	0.276	471.536	REAL	O=C(NNC(=O)c1ccc2ccc2e1c1ccc(S(=O)(=O)N2)CC3ccc3)cc1
vSpike-ace2.1-63	Z804390806	-9.4	0.254	495.625	REAL	O=C([C@H]1CC(=O)N1c2ccc3c(e2)C2ccc2-3)C1)N1CC[C@H]2[C@H]3C3ccc3)C1
vSpike-ace2.1-64	Z845324458	-9.4	0.261	495.5	REAL	Cc1ccc(C(=O)N2ccc2C(=O)N2CCN(C(=O)c3ccc(F)cc3)CC2)cc1
vSpike-ace2.1-65	Z941524362	-9.4	0.313	398.504	REAL	Cc1ccc2e1c(N)C1(C)C(=O)N1CCN(C(=O)c3ccc4ccc43)CC1)CC2
vSpike-ace2.1-66	Z988053964	-9.4	0.261	486.545	REAL	Cc1ccc(C(=O)N2CCN(C(=O)Nc3ccc(C(=O)N4Cc5ccc5C4)cc3)CC2)cc1F
vSpike-ace2.1-67	Z988375970	-9.4	0.254	495.581	REAL	O=C1c1ccc2nHjccc2e1)N1CC[C@H](C)C(=O)N2CCN(C(=O)c3ccc4ccc43)CC2)C1
vSpike-ace2.1-68	ZINC000002956443	-9.4	0.276	441.529	ZINC	CC12c3ccc3C(c3ccc31)[C@H]1C(=O)N(c3ccc(-c4ccc4)cc3)C(=O)[C@H]12
vSpike-ace2.1-69	ZINC000002956445	-9.4	0.276	441.529	ZINC	CC12c3ccc3C(c3ccc31)[C@H]1C(=O)N(c3ccc(-c4ccc4)cc3)C(=O)[C@H]12
vSpike-ace2.1-70	ZINC000008826511	-9.4	0.276	441.485	ZINC	O=C1[C@H]2[C@H](C(=O)N1c1ccc3e1)joc1ccc3)C1c3ccc3C2c2ccc21
vSpike-ace2.1-71	ZINC000018117591	-9.4	0.285	431.446	ZINC	O=C(Nc1ccc2e1C(=O)[C@H]1C=CC=C[C@H]1C2=O)c1ccc2c1C(=O)c1ccc1-2
vSpike-ace2.1-72	ZINC000100504092	-9.4	0.303	404.512	ZINC	O=c1ccc2n1C[C@H]1[C@H]2CN(Cc2ccc3ccc4ccc5ccc23c45)C1
vSpike-ace2.1-73	ZINC000100737710	-9.4	0.285	431.446	ZINC	O=C(Nc1ccc2e1C(=O)[C@H]1C=CC=C[C@H]1C2=O)c1ccc2c1C(=O)c1ccc1-2
vSpike-ace2.1-74	ZINC000100968114	-9.4	0.261	491.532	ZINC	C[C@H]1[C@H](F)cc3c(O)c(CCC4=C(O)c5cc(F)cc5)C(=O)[C@H]1(C4=O)[C@H](C)CC6(=O)n1c23
vSpike-ace2.1-75	ZINC000101836267	-9.4	0.285	459.911	ZINC	Cc1ccc(C(=O)Nc2nc3n2)[C@H](C2ccc(F)cc2)C=C(c2ccc(C)cc2)N3c1
vSpike-ace2.1-76	ZINC000109969368	-9.4	0.269	475.571	ZINC	O=S1(=O)c2ccc2-c2cc(-c3nc(C4=CN[C@H]5C=CC=C[C@H]45)nHj)cc3-c3ccc3)ccc21
vSpike-ace2.1-77	PV-001799751743	-9.3	0.332	376.415	REAL	CC1(C)CNC(=O)c2c(C(=O)Nc3ccc(-c4ccc4)mn3)cc2C1
vSpike-ace2.1-78	PV-001800924123	-9.3	0.291	448.585	REAL	Cc1ccc(C(=O)N2CCc3ccc(-c4ccc4)ccc32)cc(S(=O)(=O)N)C1(C)C1C
vSpike-ace2.1-79	PV-001825814403	-9.3	0.291	422.483	REAL	Cc1ccc(C(=O)c2ccc2C(=O)N)N(C(=O)c2ccc3ccc3c2)cc1C
vSpike-ace2.1-80	PV-001828769439	-9.3	0.291	448.585	REAL	Cc1ccc(C)C(S(=O)(=O)N)CC(=O)N2C3ccc3-c3ccc3c2)cc1C
vSpike-ace2.1-81	PV-001841361759	-9.3	0.291	424.503	REAL	Cc1ccc(-c2ccc(C(=O)N)N(C(=O)c3ccc(-c4cc(C)cc4)nHj)3)cc2)cc1
vSpike-ace2.1-82	PV-001847910255	-9.3	0.291	441.412	REAL	Cc1ccc(C1=N)O[C@H]1(C)C(=O)N2ccc(-c3ccc(C)cc3)mn2)C1
vSpike-ace2.1-83	PV-00186698388	-9.3	0.282	459.471	REAL	Cc1ccc(Cnc(-n2nHj)C(=O)N3CC[C@H](c4ccc(C)F)F)cc4)C3(C)cc2=O)n1
vSpike-ace2.1-84	PV-001954720811	-9.3	0.332	381.45	REAL	C[C@H]1[C@H](NC(=O)N)C1CC2cc(F)cc21)C(=O)N1c2ccc2[C@H]1C
vSpike-ace2.1-85	PV-001962374248	-9.3	0.31	425.958	REAL	O=C1c1ccc2(N2(=O)c3ccc3C2=O)c1)N1CC[C@H](C)C(=O)N1c2ccc2)cc1
vSpike-ace2.1-86	Z1023504634	-9.3	0.251	496.497	REAL	O=C(Nc1ccc2ccc2e1c(O)nHj)C[C@H]1[C@H]1c1ccc2ccc2e1
vSpike-ace2.1-87	Z1162535574	-9.3	0.344	355.396	REAL	O=C1N1CC=C(c2ccc3ccc3)CC1)C1(O)Cc2ccc21
vSpike-ace2.1-88	Z1313836871	-9.3	0.332	369.463	REAL	CC1CCC2(C)C1[C@H](NC(=O)c1ccc3e1)1-c1ccc1c3)1ccc1O2
vSpike-ace2.1-89	Z131407602	-9.3	0.291	424.542	REAL	Cc1ccc2e1c(N)C(=O)c1ccc3e1c1C1[C@H]1c1ccc1)OC3=O)C1[C@H](C)O2
vSpike-ace2.1-90	Z1329924307	-9.3	0.3	413.472	REAL	Cc1ccc2e1c(N)C(=O)c1ccc3e1c1C1[C@H]1c1ccc1)OC3=O)C1[C@H](C)O2
vSpike-ace2.1-91	Z14075666	-9.3	0.3	412.444	REAL	Cc1ccc2e1c(N)C(=O)c1ccc3e1c1C1[C@H]1c1ccc1)OC3=O)C1[C@H](C)O2
vSpike-ace2.1-92	Z14076292	-9.3	0.282	438.482	REAL	C[C@H]1[C@H](c2ccc3ccc3)N(C(=O)N)C2ccc(=O)oc3ccc4(cc23)CCC4)C1=O
vSpike-ace2.1-93	Z14136476	-9.3	0.282	438.482	REAL	C[C@H]1[C@H](c2ccc3ccc3)N(C(=O)N)C2ccc(=O)oc3ccc4(cc23)CCC4)C1=O
vSpike-ace2.1-94	Z1420929016	-9.3	0.31	394.473	REAL	Cn1c(=O)

Name	Catalog ID	Score	LE	MW	Library	SMILES
vSpike-ace2.1-101	Z1869886653	-9.3	0.300	417.44	REAL	O=C1[C@H](N2C(=O)N[C@H](C3ccc4cccoc4c3)C2=O)CCN1c1cccc1F
vSpike-ace2.1-102	Z1891182475	-9.3	0.274	449.47	REAL	Cc1ccc(Cc2N2C(=O)c3ccc(-c4nc(C5ccc6nc[nH]6c54)no4)c3c2)Oc1
vSpike-ace2.1-103	Z198325837	-9.3	0.300	421.50	REAL	CC1(C)C(=O)Nc2ccc(C(=O)N3C(=O)N[C@H](C4[C@H]5C[C@H](C)C@H]4C)C@H]54)C3=O)cc21
vSpike-ace2.1-104	Z2087363242	-9.3	0.300	412.40	REAL	O=C1N[C@H](c2ccc3c(e2)CCO3)C(=O)N1c1ccc(-c2ccc3nccc3c2)on1
vSpike-ace2.1-105	Z2179839522	-9.3	0.332	372.42	REAL	Cc1ccc2c1OC[C@H](N1C(=O)N[C@H](C3ccc4ccc4c3)C1=O)C2
vSpike-ace2.1-106	Z2209285463	-9.3	0.332	389.47	REAL	O=C1c1ccc2c(e1)-c1ccc2c2)N1CC[C@H](c2ccc2)S1(=O)=O
vSpike-ace2.1-107	Z2232119751	-9.3	0.291	421.50	REAL	O=C1c1ccc2c(e1)ccc3nc2c1)CCC3N1CC2c2ccc2[C@H]1c1ccc1
vSpike-ace2.1-108	Z226874468	-9.3	0.258	500.00	REAL	C[C@H]1c2[nH]c3ccc3c2[C@H](c2ccc2)C1CN1C(=O)N1C(=O)[C@H]2[C@H](C)C@H]3)C@H]2C1=O
vSpike-ace2.1-109	Z252481882	-9.3	0.251	491.59	REAL	O=C1c2ccc2c2C(=O)N1c1ccc(C(=O)N2C[C@H]3C[C@H]2[C@H]2)CN(C4ccc4c4)C[C@H]3)2c1
vSpike-ace2.1-110	Z286954404	-9.3	0.251	490.57	REAL	Cc1ccc(-c2cc(NC(=O)C3CCN(c4ccc5nmm5n4)CC3)me(-c3ccc3)c2)cc1
vSpike-ace2.1-111	Z2902673259	-9.3	0.251	490.53	REAL	O=C1c1ccc2[nH]ncc2e1)N1CC[C@H](c2nc(-c3ccc(-n4ccc5ccc54)nc3)mo2)C1
vSpike-ace2.1-112	Z29403053	-9.3	0.258	499.59	REAL	O=C(Nc1ccc1C(=O)N1CCN(S(=O)(=O)c2ccc3ccc3c2)CC1)c1ccc1
vSpike-ace2.1-113	Z397589568	-9.3	0.258	498.61	REAL	O=C1c1ccc(S(=O)(=O)N2CC3ccc3c2)N1CCN(c2ccc3ccc3n2)CC1
vSpike-ace2.1-114	Z454312366	-9.3	0.274	448.48	REAL	Cn1c(=O)ccc(C(=O)NNC(=O)c2cc(-c3ccc3)nc3ccc23)c2ccc21
vSpike-ace2.1-115	Z654034888	-9.3	0.258	499.59	REAL	O=C(Cc1ccc2ccc2e1)NNC(=O)c1ccc(S(=O)(=O)N2CC3ccc3c2)cc1
vSpike-ace2.1-116	Z76777520	-9.3	0.282	458.54	REAL	O=C(CN1c2ccc3ccc(e23)S1(=O)=O)Nc1ccc(-c2n[nH]c3c2CCC3)c1
vSpike-ace2.1-117	Z852301348	-9.3	0.258	479.58	REAL	Cc1Inn(C)2nc(-c3ccc3)ccc(C(=O)N3CCC(C(=O)N4Cc5ccc5c4)CC3)c12
vSpike-ace2.1-118	Z941524442	-9.3	0.300	413.48	REAL	Cc1ccc2c(e1)N1C(=O)CN1C(=O)N[C@H](C)C3ccc4ccc4c3)C1(=O)CC2
vSpike-ace2.1-119	Z966271352	-9.3	0.266	468.52	REAL	O=C(Nc1ccc(C(=O)N2CC3ccc3c2)C1)CCN(C2ccc3nmm3)CC1
vSpike-ace2.1-120	Z979337226	-9.3	0.274	458.60	REAL	Cc1ccc(C(=O)N2CCC(C@H](C(=O)N3CCC[C@H](d4nc5C[C@H]5[nH]4)C3)C2)c1
vSpike-ace2.1-121	ZINC00000297329	-9.3	0.282	430.51	ZINC	O=C1[C@H](c2nc(Cc3ccc3)3ccc23)C(=O)N1c1ccc2ccc2e1
vSpike-ace2.1-122	ZINC000002978046	-9.3	0.274	491.93	ZINC	O=C1Nc1ccc(F)cc2[C@H]12N1ccc1-c1Inm(SC3ccc3c1)me1O2
vSpike-ace2.1-123	ZINC000004237097	-9.3	0.274	453.52	ZINC	O=C(Nc1ccc(F)c1)N1[C@H]2[C@H](C@H]1)Cn1cc(O)c(-c3ccc4ccc4c3)ccc12
vSpike-ace2.1-124	ZINC000004741578	-9.3	0.332	369.47	ZINC	O=C1[C@H](c2ccc2)CC2-C1C1(CCCC1)n1c3ccc3n1N2
vSpike-ace2.1-125	ZINC00000592449	-9.3	0.321	377.40	ZINC	O=C(Nc1ccc2e1c1)C(=O)c1ccc1C2=O)c1ccc2ccc2e1
vSpike-ace2.1-126	ZINC000008449795	-9.3	0.245	493.56	ZINC	O=C1[C@H]2[C@H](C@H]1)C(=O)N1c1ccc(Oc3ccc4ccc4c3)cc1c1ccc3ccc3C2c2ccc2e1
vSpike-ace2.1-127	ZINC000008901217	-9.3	0.245	499.52	ZINC	Cc1ccc(NC(=O)c2ccc(-c3cc4ccc4oc3=O)c2)ccc1-c1ccc2ccc2oc1
vSpike-ace2.1-128	ZINC000033821753	-9.3	0.291	442.90	ZINC	O=C1[C@H]2[C@H](C@H]1)C@H]1(C@H]4(C5ccc5c5)C1=NO(C@H]34)C@H]2)C@H]1c1ccc2ccc2c1
vSpike-ace2.1-129	ZINC000040388522	-9.3	0.291	422.53	ZINC	CC(C)C1ccc(C=C/c2ccc3nc(N4CC5ccc5c5)4)n[nH]e(-O)c23)cc1
vSpike-ace2.1-130	ZINC000067262716	-9.3	0.274	468.99	ZINC	Cc1ccc(N2CCN(C3nc4c(-c5ccc(C)5)mm44ccc44)CC2)c1C(c1
vSpike-ace2.1-131	ZINC000100737708	-9.3	0.282	431.45	ZINC	O=C(Nc1ccc2c1C(=O)[C@H]1C=CC=C[C@H]1)C1=O)c1ccc2e1C1=O)c1ccc1-2
vSpike-ace2.1-132	ZINC000100968105	-9.3	0.258	491.53	ZINC	C[C@H]1CC2ccc(F)cc3e(O)c(CCC4=C(O)c5cc(F)cc65[C@H](C4=O)[C@H](C)C6)c1=O)n1c23
vSpike-ace2.1-133	ZINC000101012333	-9.3	0.291	462.34	ZINC	O=C(Nc1nc2n1[n1][C@H](c1ccc1)C=C(c1ccc1)N2)c1ccc(F)cc1
vSpike-ace2.1-134	ZINC000101094157	-9.3	0.310	400.47	ZINC	Cc1cc2c(c1C)C(=O)[C@H]1[C@H]2[C@H]3C(=O)c4cc(C)c(C)cc4(=O)[C@H]3[C@H]1)C2=O
vSpike-ace2.1-135	ZINC000101094159	-9.3	0.310	400.47	ZINC	Cc1cc2c(c1C)C(=O)[C@H]1[C@H]2[C@H]3C(=O)c4cc(C)c(C)cc4(=O)[C@H]3[C@H]1)C2=O
vSpike-ace2.1-136	ZINC000101464346	-9.3	0.258	492.50	ZINC	O=C(Nc1ccc1C(F)F)F1c1ccc(N2C(=O)[C@H]3CC[C@H](c4ccc4)C[C@H]3)C2=O)c1
vSpike-ace2.1-137	ZINC000101835174	-9.3	0.300	407.48	ZINC	Cc1ccc(C(=O)Nc2nc3n(n2)[C@H](c2ccc2)C=C(c2ccc2)N3)c1
vSpike-ace2.1-138	ZINC000101835312	-9.3	0.291	421.50	ZINC	Cc1ccc(C(=O)Nc2nc3n(n2)[C@H](c2ccc2)C=C(c2ccc2)N3)cc1
vSpike-ace2.1-139	ZINC000101836373	-9.3	0.282	459.91	ZINC	Cc1ccc(C2=C[C@H](C3ccc(F)cc3)nc3NC(=O)c4ccc(C)cc4)nc3)cc1
vSpike-ace2.1-140	ZINC000408733646	-9.3	0.251	485.54	ZINC	Cc1ccc2e1)OC(C(=O)[C@H]1)C2=C[C@H](c2ccc2)[C@H]2)C(=O)N(c3ccc4ccc4c3)C(=O)[C@H]21
vSpike-ace2.1-141	ZINC000528562006	-9.3	0.251	499.61	ZINC	Cc1ccc1c1ccc(C(=O)N2CCC3(CC2)Cc2ccc2)Oe2ccc2)C(CNC3=O)c1=O)n1
vSpike-ace2.1-142	PV-001796053059	-9.2	0.297	419.52	REAL	Cc1ccc(C[C@H]2)N(C)C(=O)N(C)C(=O)N(C)C3CCC(C)C4ccc4c3)C2=O)cc1
vSpike-ace2.1-143	PV-00179605641	-9.2	0.329	376.50	REAL	Cc1ccc(C)C2=NO(C@H]1)C(=O)N[C@H]3CC(C)C(C)C4ccc43)C2c1
vSpike-ace2.1-144	PV-001806848950	-9.2	0.317	386.49	REAL	C[C@H](N)C(=O)[C@H](C)Cc1ccc2ccc2c1)C(=O)N1c2ccc2c2)C@H]1C
vSpike-ace2.1-145	PV-001819655835	-9.2	0.317	393.48	REAL	COC(=O)[C@H]1(NC(=O)[C@H]2)O(Cc3cc(C)c(C)C3)CC[C@H]1C2c2ccc2e1
vSpike-ace2.1-146	PV-001825815596	-9.2	0.329	371.40	REAL	Cc1c(C(=O)NNC(=O)c2ccc3ccc3c2)n[nH]e(-O)c2ccc12
vSpike-ace2.1-147	PV-001842839623	-9.2	0.317	400.40	REAL	Cc1c(C(=O)N2CC[C@H](C@H]1)C(=O)Nc3ccc(-c4cc(F)ccc4F)n3)C2)c1
vSpike-ace2.1-148	PV-001852605125	-9.2	0.287	434.51	REAL	Cc1ccc(C)C(=O)c2ccc2c2)C(=O)Nc2n[nH]c(Cc3ccc(F)cc3)nc2e1
vSpike-ace2.1-149	PV-001855674807	-9.2	0.287	428.47	REAL	Cc1ccc(C)C(=O)Nc2ccc2c2)C(=O)Nc2n[nH]c(Cc3ccc(F)cc3)nc2e1
vSpike-ace2.1-150	PV-001856499223	-9.2	0.287	430.55	REAL	Cc1ccc(C)C(=O)Nc2ccc2c2)C(=O)Nc2n[nH]c(Cc3ccc(F)cc3)nc2e1
vSpike-ace2.1-151	PV-001865661451	-9.2	0.354	411.30	REAL	C[C@H]1[C@H]2[C@H](c2ccc(Br)cc2)CN1C(=O)c1ccc2ccc2e(-O)n[nH]1
vSpike-ace2.1-152	PV-00194972139	-9.2	0.297	413.48	REAL	Cc1ccc(C)cc(-n2nc(NC(=O)NNC(=O)c3ccc4ccc4c3)cc2c1)CC1
vSpike-ace2.1-153	PV-001955148436	-9.2	0.341	362.52	REAL	CC1(CNC(=O)N)C@H]2CCC(C)C3ccc3c2)C2c2ccc2C1
vSpike-ace2.1-154	PV-001955149424	-9.2	0.307	405.54	REAL	Cc1ccc(C2=NO[C@H](CNC(=O)N)C@H]3CCC(C)C4ccc4c3)C2)cc1C
vSpike-ace2.1-155	PV-001966039611	-9.2	0.307	423.49	REAL	O=C(Cc1ccc2ccc2)N(NC(=O)N)C@H]1)CS(=O)=O)C2c2ccc2e1
vSpike-ace2.1-156	PV-001969235131	-9.2	0.317	387.48	REAL	Cc1ccc(C)cc2=CCN(C(=O)N)C3c[nH]e(-O)c4ccc34)CC2)c1
vSpike-ace2.1-157	Z1144325540	-9.2	0.287	427.50	REAL	Cc1ccc2e1)C[C@H](NC(=O)CN1C(=O)N)C@H]1(C)C3ccc4ccc4c3)C1=O)CC2
vSpike-ace2.1-158	Z1162553189	-9.2	0.317	387.41	REAL	Cc1ccc(-c2ccc(C(=O)Nc3ccc4ccc4c3)nc3)nc1=O)C1c1ccc1
vSpike-ace2.1-159	Z1172231620	-9.2	0.317	379.46	REAL	O=C1n[nH]c(NC[C@H]2)C3c4ccc4C2c2ccc23)nc2ccc12
vSpike-ace2.1-160	Z1314149838	-9.2	0.287	423.43	REAL	Cc1ccc(C(=O)Nc2ccc(-c3ccc4ccc4c3)nc2)nc2n(O)n[nH]e(-O)c12
vSpike-ace2.1-161	Z1389971656	-9.2	0.307	407.51	REAL	O=C(NCCN1C(=O)[C@H]2)C@H]3C=C[C@H](C)C@H]2)C1=O)N1CC(C)C(c2ccc2)CC1
vSpike-ace2.1-162	Z14076286	-9.2	0.287	426.47	REAL	Cc1ccc2c(CN3C(=O)N)C@H]1(C4ccc5ccc5c4)C3=O)cc1=O)nc2e1
vSpike-ace2.1-163	Z14135947	-9.2	0.297	412.44	REAL	Cc1ccc2c(CN3C(=O)N)C@H]1(C4ccc5ccc5c4)C3=O)cc1=O)nc2e1
vSpike-ace2.1-164	Z14136470	-9.2	0.287	426.47	REAL	Cc1ccc2c(CN3C(=O)N)C@H]1(C4ccc5ccc5c4)C3=O)cc1=O)nc2e1
vSpike-ace2.1-165	Z1429363779	-9.2	0.329	370.45	REAL	O=C(Nc1ccc2e1)C1c1ccc1-2)N1CC2c2ccc2[C@H]1)CO
vSpike-ace2.1-166	Z1431635582	-9.2	0.287	431.49	REAL	CC1(C)C(=O)Nc2ccc(C(=O)N3C(=O)N)C@H]1)C@H]4(C5ccc5c5)C3=O)cc21
vSpike-ace2.1-167	Z1473412632	-9.2	0.329	371.44	REAL	O=C(NNC(=O)c1ccc2ccc2)N1C@H]1)C@H]2)C3ccc3c3)C@H]21
vSpike-ace2.1-168	Z1547587469	-9.2	0.287	423.52	REAL	Cc1ccc(C)nc(-n2nc(C(=O)N3CCC4ccc(-c5ccc5)ccc44)ccc2)CC2)c1
vSpike-ace2.1-169	Z1571946543	-9.2	0.317	390.44	REAL	Cc1ccc(C)cc2=CCN(C(=O)N)C3c[nH]e(-O)n4ccc3)CC2)c1
vSpike-ace2.1-170	Z1603533364	-9.2	0.287	427.55	REAL	CC1(C)CC[C@H]2[C@H](N(C(=O)N3CC4c4nnc4-c4ccc4)C3)ccc1c3e2
vSpike-ace2.1-171	Z1674169958	-9.2	0.307	399.49	REAL	O=C1NC2ccc2(CNC(=O)N3CCC[C@H]3)C3ccc4ccc4c3)cc1
vSpike-ace2.1-172	Z1682391572	-9.2	0.287	424.46	REAL	C[C@H]1(c2ccc(-c3nnc(C4ccc(-c5ccc5)cc4n3)cc2)NC(=O)NC1=O
vSpike-ace2.1-173	Z1684581876	-9.2	0.297	410.43	REAL	C[C@H]1(c2ccc(-c3nnc(-c4ccc(-c5ccc5)cc4n3)cc2)NC(=O)NC1=O
vSpike-ace2.1-174	Z1698172573	-9.2	0.287	443.48	REAL	O=C1c2ccc2S(=O)(=O)c2cc(C(=O)N3)C[C@H]4(CCC(=O)c5ccc3c54)ccc2e1
vSpike-ace2.1-175	Z1726979893	-9.2	0.307	401.47	REAL	O=C(NNC(=O)N1)CC[C@H]2[C@H]1)OC1c1ccc12e1ccc2ccc2e1
vSpike-ace2.1-176	Z1727068597	-9.2	0.297	409.48	REAL	O=C1)C[C@H](c2ccc2)C2c2cc(C(=O)N3)C4ccc4C4(C4)C3)ccc21
vSpike-ace2.1-177	Z1740089529	-9.2	0.287	441.45	REAL	Cc1ccc(C)cc2e1)CN(C(=O)c1Inn(-c3ccc(C(F)F)F3)cc1)C(=O)CC2
vSpike-ace2.1-178	Z1742548866	-9.2	0.297	411.50	REAL	C[C@H](N)C(=O)N[C@H]1)C2ccc(-c3ccc3)cc21)ccc2e1)C(=O)N2
vSpike-ace2.1-179	Z1752292521	-9.2	0.279	439.51	REAL	O=C(Nc1ccc(-c2ccc3c(e2)CCO3)cc1)N1CC[C@H]2[C@H]1)C(=O)Nc1ccc12
vSpike-ace2.1-180	Z1752602875	-9.2	0.297	415.54	REAL	CC1(C)CC[C@H]2[C@H](N(C(=O)N3)C[C@H]4(C)C(=O)N3)ccc44)ccc1cc1c3e2
vSpike-ace2.1-181	Z1752851247	-9.2	0.279	436.51	REAL	Cc1ccc(C(=O)NNC(=O)N)C@H]2)CC3ccc(-c4ccc4)ccc32)ccc2e1
vSpike-ace2.1-182	Z1763374630	-9.2	0.279	444.40	REAL	O=C(NNC(=O)c1ccc(F)cc2e1)O)c3ccc(F)ccc3)n[nH]e12)c1ccc2ccc2n1
vSpike-ace2.1-183	Z1816108318	-9.2	0.317	380.45	REAL	O=C1c1c[nH]e1=O)c2ccc2)N1CC=C1c2ccc3ccc3c2)CC1
vSpike-ace2.1-184	Z1846603747	-9.2	0.297	412.53	REAL	Cc1ccc2e1)CCN(C(=O)[C@H]1)CCN(C(=O)c3ccc4ccc4c3)C1)C2
vSpike-ace2.1-185	Z1869553990	-9.2	0.307	399.45	REAL	Cc1ccc(N2CC[C@H]3)N3C(=O)N)C@H]1)C4ccc5ccc5c4)C3=O)cc1
vSpike-ace2.1-186	Z1870480661	-9.2	0.297	422.50	REAL	O=C1N)C@H]1)C[C@H]2)CC3ccc3c2)C(=O)N1)C@H]1)CO[C@H]1)C2ccc(F)cc2)C1
vSpike-ace2.1-187	Z1972507579	-9.2	0.287	429.49	REAL	Cn1ccc(C(=O)N2CCC[C@H](N)C(=O)c3ccc4ccc4c3)C2)c2cc(F)cc21
vSpike-ace2.1-188	Z1988867451	-9.2	0.287	435.44	REAL	Cn1c(C(F)F)me2cc(C(=O)N)Nc3nnc(-c4ccc4)nc3)CC4)ccc21
vSpike-ace2.1-189	Z2033164844	-9.2	0.279	448.56	REAL	O=C(N1)CCN(C(=O)[C@H]2)OC3ccc3c2)CC1)C1)OC2ccc2e1
vSpike-ace2.1-190	Z208736883	-9.2	0.297	410.48	REAL	Cc1ccc(C)cc(-n2nc(N3C(=O)N)C@H]1)C4ccc5ccc5c4)C3=O)cc2e1
vSpike-ace2.1-191	Z2107788659	-9.2	0.279	436.51	REAL	O=C(NC[C@H]1)CC2ccc3ccc3c1c1ccc12)Nn1ccc2e(-O)n[nH]ccc2e1
vSpike-ace2.1-192	Z2154914109	-9.2	0.317	391.47	REAL	CC(=O)N1)C[C@H]2)CC[C@H](N)N3C(=O)N)C@H]1)C4ccc5ccc5c4)C3=O)cc2e1
vSpike-ace2.1-193	Z2176721349	-9.2	0.287	425.53	REAL	O=C1CC2ccc2(C(=O)N3)CC(C)O)c4ccc(-c5ccc5)cc4)CC3)cc2C1
vSpike-ace2.1-194	Z2232120680	-9.2	0.297	412.45	REAL	Cc1ccc(C(=O)N2CC3ccc3c3)C@H]2)ccc2)nc2n(O)n[nH]e1)C1=O)c12
vSpike-ace2.1-195	Z2234599015	-9.2	0.297	411.46	REAL	Cn1c(=O)ccc(CN2C(=O)N)C@H]1)C3ccc4ccc4c3)C2=O)ccc2ccc2e1
vSpike-ace2.1-196	Z2278242022	-9.2	0.317	387.		

Name	Catalog ID	Score	LE	MW	Library	SMILES
vSpike-hr2.1-101	Z992145816	-10.1	0.273	493.61	REAL	O=C(c1ccc2ccc12)N1CCCC(C(=O)N2CCCC(c3nc(-e4ccc4n[nH]3)CC2)CC1
vSpike-hr2.1-102	ZINC000002861242	-10.1	0.337	432.89	ZINC	O=C(Nc1nc2c(ccc2C)1)c1ccc(-c2ccc3ccc2=O)cc1
vSpike-hr2.1-103	ZINC000002896234	-10.1	0.281	472.50	ZINC	Cc1ccc(-c1nc2ccc(-c3ccc4nc(-e5ccc5C)nc(=O)j4c3)cc2e(=O)j1
vSpike-hr2.1-104	ZINC000002933884	-10.1	0.273	494.45	ZINC	O=C1OC(c2ccc3ccc3c2)=N1=Cc1ccc(-c2ccc(C(F)F)F)2o1
vSpike-hr2.1-105	ZINC000004248874	-10.1	0.316	433.38	ZINC	c1ccc(-c2=NN3[C@H](C2)c2ccc2O[C@H]3c2ccc3nc(-e4ccc4c3c2)cc1
vSpike-hr2.1-106	ZINC000008834428	-10.1	0.297	443.51	ZINC	Cc1ccc(Cc1-c2nnc(NC(=O)c3ccc(S(=O)=O)N4CCc5ccc5C4)cc3)cc1
vSpike-hr2.1-107	ZINC000016047620	-10.1	0.289	488.57	ZINC	C[C@H]1CN(S(=O)=O)c2ccc3ccc4ccc43c2)CCN1S(=O)=O)c1ccc2ccc3ccc3c2c1
vSpike-hr2.1-108	ZINC000029748612	-10.1	0.259	560.65	ZINC	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-109	ZINC000100500728	-10.1	0.273	492.53	ZINC	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-110	ZINC000225532554	-10.1	0.289	496.65	ZINC	C[C@H]1CN(S(=O)=O)c2ccc3ccc4ccc43c2)CCN1S(=O)=O)c1ccc2ccc3ccc3c2c1
vSpike-hr2.1-111	PV-0010173288097	-10.0	0.400	344.50	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-112	PV-001814431312	-10.0	0.333	409.46	REAL	C[C@H]1CN(S(=O)=O)c2ccc3ccc4ccc43c2)CCN1S(=O)=O)c1ccc2ccc3ccc3c2c1
vSpike-hr2.1-113	PV-001820244725	-10.0	0.313	448.55	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-114	PV-001841355369	-10.0	0.303	440.50	REAL	C[C@H]1CN(S(=O)=O)c2ccc3ccc4ccc43c2)CCN1S(=O)=O)c1ccc2ccc3ccc3c2c1
vSpike-hr2.1-115	PV-001850232915	-10.0	0.357	373.39	REAL	C[C@H]1CN(S(=O)=O)c2ccc3ccc4ccc43c2)CCN1S(=O)=O)c1ccc2ccc3ccc3c2c1
vSpike-hr2.1-116	PV-001862202548	-10.0	0.303	443.46	REAL	O=C1C[C@H]2[C@@H]3C=C[C@H]2C1
vSpike-hr2.1-117	PV-001864771899	-10.0	0.357	388.35	REAL	O=C1C[C@H]2[C@@H]3C=C[C@H]2C1
vSpike-hr2.1-118	PV-0019427204173	-10.0	0.303	452.57	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-119	Z1023502786	-10.0	0.303	448.50	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-120	Z1040455752	-10.0	0.294	482.65	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-121	Z1069484462	-10.0	0.286	470.52	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-122	Z1069702122	-10.0	0.323	432.83	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-123	Z1101970930	-10.0	0.278	483.53	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-124	Z1103945576	-10.0	0.294	472.43	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-125	Z1122702353	-10.0	0.286	477.61	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-126	Z1161096792	-10.0	0.286	469.54	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-127	Z1239444736	-10.0	0.303	442.52	REAL	Cc1ccc(C(=O)N2CCCC(C)C(=O)N1)CC2
vSpike-hr2.1-128	Z1276023806	-10.0	0.345	387.41	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-129	Z1276024300	-10.0	0.345	385.40	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-130	Z1276024508	-10.0	0.323	416.41	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-131	Z1276024716	-10.0	0.345	389.43	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-132	Z1281003913	-10.0	0.303	442.45	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-133	Z1315750206	-10.0	0.303	446.48	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-134	Z1334994284	-10.0	0.313	424.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-135	Z1360348055	-10.0	0.303	443.48	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-136	Z1391613692	-10.0	0.303	435.53	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-137	Z1410116355	-10.0	0.370	359.36	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-138	Z1428899832	-10.0	0.323	418.36	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-139	Z1447722648	-10.0	0.345	385.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-140	Z1448565377	-10.0	0.323	417.47	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-141	Z1449094151	-10.0	0.294	448.56	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-142	Z1449281955	-10.0	0.345	409.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-143	Z145899179	-10.0	0.294	448.56	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-144	Z1482218634	-10.0	0.303	441.47	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-145	Z1504942823	-10.0	0.313	428.49	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-146	Z1521978904	-10.0	0.323	414.44	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-147	Z1523875761	-10.0	0.323	435.91	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-148	Z1575195134	-10.0	0.303	439.47	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-149	Z1614248827	-10.0	0.313	430.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-150	Z1658278065	-10.0	0.323	413.52	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-151	Z1672855787	-10.0	0.313	431.47	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-152	Z1684804818	-10.0	0.303	436.43	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-153	Z1685793437	-10.0	0.303	440.46	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-154	Z1723430363	-10.0	0.286	469.54	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-155	Z1723444287	-10.0	0.313	423.48	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-156	Z1728300167	-10.0	0.333	398.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-157	Z1728302983	-10.0	0.303	441.58	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-158	Z1730347971	-10.0	0.303	441.58	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-159	Z183359610	-10.0	0.313	424.42	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-160	Z1891946720	-10.0	0.294	447.49	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-161	Z1891951269	-10.0	0.303	437.50	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-162	Z1975069937	-10.0	0.313	440.52	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-163	Z2004573046	-10.0	0.303	436.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-164	Z2021748415	-10.0	0.313	431.50	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-165	Z2120871249	-10.0	0.303	439.47	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-166	Z2156982318	-10.0	0.313	427.43	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-167	Z2159643627	-10.0	0.313	443.32	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-168	Z2171894126	-10.0	0.303	437.50	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-169	Z2171963536	-10.0	0.303	443.55	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-170	Z2217760967	-10.0	0.313	442.44	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-171	Z2227159726	-10.0	0.333	399.41	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-172	Z226202566	-10.0	0.303	458.86	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-173	Z284651570	-10.0	0.345	389.45	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-174	Z2902641389	-10.0	0.286	472.54	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-175	Z367312052	-10.0	0.303	442.45	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-176	Z408892704	-10.0	0.278	482.54	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-177	Z412661354	-10.0	0.303	446.55	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-178	Z442888540	-10.0	0.303	444.53	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-179	Z647599744	-10.0	0.303	440.50	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-180	Z771078902	-10.0	0.323	431.52	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-181	Z872175314	-10.0	0.286	467.57	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-182	Z966268770	-10.0	0.270	487.51	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-183	Z966269606	-10.0	0.270	495.53	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-184	Z992145818	-10.0	0.270	493.61	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-185	Z998654248	-10.0	0.313	438.57	REAL	O=C(Nc1ccc(C23C4C4C(C)C4)C2)C3=O)1[C@H]1CCCN(S(=O)=O)c2ccc(F)cc2C1
vSpike-hr2.1-186	ZINC000000990526	-10.0	0.250	547.99	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-187	ZINC000001225262	-10.0	0.256	553.36	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-188	ZINC000001664789	-10.0	0.278	468.57	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-189	ZINC000002910998	-10.0	0.286	485.54	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-190	ZINC000002933672	-10.0	0.278	513.34	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-191	ZINC000002935946	-10.0	0.294	456.54	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-192	ZINC000004804594	-10.0	0.270	499.65	ZINC	O=C(COC(=O)1ccc(N2C(=O)C[C@H]3[C@@H](C2=O)C24ccc4C3c3ccc32)cc1)C(=O)N1CCCC(C)C(=O)N2
vSpike-hr2.1-193						

Name	Catalog ID	Score	LE	MW	Library	SMILES
vTmprss2-as1-1	Z131645048	-11.7	0.3441176	474.54	REAL	O=C(c1ccc2c(1)-c1cccc1C2)N1CCN(S(=O)(=O)c2ccc3[nH]e(=O)[nH]j3c2)CC1
vTmprss2-as1-2	Z2001060769	-11.7	0.3441176	447.97	REAL	O=C1C[C@H](c2nc(C3ccc4[nH]jnc4c3)no2)CN1c1ccc2c(1)C1c1ccc1-2
vTmprss2-as1-3	Z1927955742	-11.3	0.3424242	434.498	REAL	Nc1nc2c(n1)CCN(C(=O)CCC(=O)c1ccc3ccc4ccc5ccc1c3c45)C2
vTmprss2-as1-4	Z2227147910	-11.3	0.353125	424.459	REAL	O=C(Nc1ccc2[nH]j(=O)[nH]j2)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-5	Z1167185258	-11.2	0.35	427.478	REAL	O=C(c1nn(-c2ccc(F)cc2)cc1=O)N1CCC(c2ccc3ccc23)CC1
vTmprss2-as1-6	Z1454726034	-11.2	0.4	413.525	REAL	Nc1nc2(C2CCN(S(=O)(=O)c3ccc4c(3)C3ccc3-4)CC2)n1
vTmprss2-as1-7	Z2178142149	-11.2	0.35	425.443	REAL	O=C(Nc1ccc2[nH]j(=O)oc12)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-8	Z806298542	-11.2	0.3027027	494.593	REAL	NC(=O)c1ccc(CN2CCN(C(=O)C[C@H]3CC(=O)N(c4ccc5c(4)C4ccc5-4)C3)CC2)cc1
vTmprss2-as1-9	Z1518156451	-11.1	0.3363636	444.533	REAL	CC(=O)c1ccc2c(1)CCN(C(=O)C[C@H]1CCN(C(=O)c3ccc4[nH]jnc43)C1)CC2
vTmprss2-as1-10	Z1575962044	-11.1	0.346875	433.554	REAL	Cc1ccc(C2=CCN(C(=O)NCc3ccc3N3CCC(C(=O)N)OC)C2)cc1
vTmprss2-as1-11	Z1910609877	-11.1	0.3363636	443.506	REAL	O=C(CCC(=O)N1CCC(c2ccc3ccc23)CC1)Nc1ccc2[nH]j(=O)[nH]j2n1
vTmprss2-as1-12	Z2053436568	-11.1	0.3827586	387.486	REAL	Cc1cc(-c2ccc2)ccc1NC(=O)N1CCC(C[C@H](c2ccc(N)nc2)C1=O
vTmprss2-as1-13	Z94008872	-11.1	0.3363636	440.502	REAL	CN1CC(=O)Nc2ccc(NC(=O)N3CC=C(c4ccc5ccc45)CC3)c2)C1=O
vTmprss2-as1-14	ZINC000000991027	-11.1	0.2846154	514.536	ZINC	O=C(O)c1ccc(NC(=O)c2ccc(N3C(=O)C[C@H]4[C@@H](C3=O)C3c5ccc5C4c4ccc43)c2)cc1
vTmprss2-as1-15	ZINC000000991029	-11.1	0.2846154	514.536	ZINC	O=C(O)c1ccc(NC(=O)c2ccc(N3C(=O)C[C@H]4[C@@H](C3=O)C3c5ccc5C4c4ccc43)c2)cc1
vTmprss2-as1-16	ZINC000012360361	-11.1	0.3171429	458.516	ZINC	O=C(Cc1ccc2ccc2)N1NN1C(=O)C[C@H]2[C@@H](C1=O)C1c3ccc3C2c2ccc2
vTmprss2-as1-17	Z131639334	-11.1	0.3235294	494.595	REAL	O=C(c1cc2c(1)-c1cccc1C2)N1CCN(S(=O)(=O)c2ccc3[nH]e(=O)[nH]j3c2)CC1
vTmprss2-as1-18	Z1391614241	-11.1	0.3333333	445.493	REAL	O=C1C[C@H](C(=O)N2CCC1C[C@H](NC(=O)c3ccc4ccc2c(3)C2)ccc(F)cc2)N1
vTmprss2-as1-19	Z1395766217	-11.1	0.3333333	443.506	REAL	O=C(N1CCC(C[C@H](NC(=O)c2ccc3ccc3c2)C1)Nc1ccc2[nH]j(=O)[nH]j2c1
vTmprss2-as1-20	Z1442087775	-11.1	0.3333333	445.65	REAL	Cc1ccc(C2=CCN(C(=O)C[C@H]3CCN(C(=O)c4ccc5[nH]jnc45)C3)CC2)cc1
vTmprss2-as1-21	Z1443316769	-11.1	0.3333333	439.518	REAL	C1nc2c(C(=O)N)jnm2c(C)1CCC(=O)N1CCc2ccc2)CC1
vTmprss2-as1-22	Z1581633558	-11.1	0.3548387	413.476	REAL	NC(=O)c1ccc(C2CCN(C(=O)c3ccc4c(3)-c3ccc3C4)CC2)cc1
vTmprss2-as1-23	Z1654001326	-11.1	0.3333333	438.486	REAL	O=C(Nc1ccc2[nH]j(=O)[nH]j2c1)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-24	Z1653768061	-11.1	0.3333333	436.47	REAL	NC(=O)c1ccc(-c2ncc(C[C@H]3CC(=O)N(c4ccc5c(4)C4ccc5-4)C3)cc2)cc1
vTmprss2-as1-25	Z2027241503	-11.1	0.3666667	403.485	REAL	NC(=O)c1ncc(C2CCN(C(=O)C[C@H]3C[C@@H](C3)ccc4ccc43)CC2)cc1
vTmprss2-as1-26	Z804640398	-11.1	0.34375	425.443	REAL	O=C(Nc1ccc2ccc(=O)[nH]j2c1)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-27	Z806473494	-11.1	0.3333333	439.47	REAL	O=C1COC2cc(NC(=O)C[C@H]3CC(=O)N(c4ccc5c(4)C4ccc5-4)C3)cc2)N1
vTmprss2-as1-28	Z806562132	-11.1	0.3333333	442.517	REAL	Cc1ncc(C2CCN(C(=O)C[C@H]3CC(=O)N(c4ccc5c(4)C4ccc5-4)C3)CC2)cc1
vTmprss2-as1-29	Z806580470	-11.1	0.3333333	439.514	REAL	CN(C1ccc(C(=O)N)C1)C(=O)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-30	Z8269800228	-11.1	0.3548387	439.499	REAL	Nc1nn2c(=O)ccc(CN3CCN(S(=O)(=O)c4ccc5ccc5)C4)CC3)cc2)N1
vTmprss2-as1-31	ZINC000012112313	-11.1	0.34375	427.459	ZINC	O=C(c1ccc(-c2ccc2)cc1)C[C@H]1CCN(C(=O)c2ccc3c(2)cc1n)3[O-]1C1
vTmprss2-as1-32	ZINC0000257281890	-11.1	0.3235294	461.56	ZINC	CC1(C)Oc2ccc2[C@@H]2O[C@@H]3CCN(C(=O)N4CC(=O)Nc5ccc54)C[C@H]3[C@@H]21
vTmprss2-as1-33	PV-001917095232	-10.9	0.3633333	420.438	REAL	Nc1nn2c(=O)ccc(CN3CCC(Cc4ccc(C(F)F)F)4)CC3)cc2)N1
vTmprss2-as1-34	PV-001966451252	-10.9	0.3758621	391.47	REAL	Cc1ccc(C2=CCN(C(=O)N)C[C@H](C)3ccc4[nH]j(=O)oc43)CC2)cc1
vTmprss2-as1-35	Z1079361744	-10.9	0.3516129	414.507	REAL	Cn1ccc(C(=O)NCC2CCN(C(=O)c3ccc4c(3)-c3ccc3C4)CC2)cc1
vTmprss2-as1-36	Z1361235893	-10.9	0.330303	435.53	REAL	O=C(c1c2c(nc3ccc13)C=Cc1ccc1)CC2)N1CCC(c2nnc[nH]2)CC1
vTmprss2-as1-37	Z1391618928	-10.9	0.3516129	415.448	REAL	O=C(N[C@@H]1CCCN(C(=O)c2ccc3[nH]j(=O)oc32)C1)c1ccc2ccc2-3)C1
vTmprss2-as1-38	Z1392750588	-10.9	0.3633333	399.453	REAL	O=C(N[C@@H]1CCCN(C(=O)c2ccc3[nH]jnc32)C1)c1ccc2ccc2-1
vTmprss2-as1-39	Z1669318188	-10.9	0.3633333	400.441	REAL	O=C(N[C@@H]1CCCN(C(=O)c2ccc3[nH]jnc32)C1)c1ccc2ccc2-1
vTmprss2-as1-40	Z1771159538	-10.9	0.3516129	417.443	REAL	O=C(N[C@@H]1CCCN(C(=O)c2ccc3[nH]jnc32)C1)c1ccc2ccc2-1
vTmprss2-as1-41	Z207589652	-10.9	0.3516129	430.433	REAL	Cc1[nH]j(-c2ccc(C(F)F)F)2)C1=O)N1CCC(C[C@H](c2ccc(N)nc2)C1=O
vTmprss2-as1-42	Z2174760155	-10.9	0.3758621	386.454	REAL	Nc1ncc(C2CC(C[C@H](OC(=O)c3ccc4c(3)C3ccc4-4)C2)cc1
vTmprss2-as1-43	Z2174773215	-10.9	0.3758621	386.454	REAL	Nc1ncc(C2CC(C[C@H](OC(=O)c3ccc4c(3)C3ccc4-4)C2)cc1
vTmprss2-as1-44	Z2225645671	-10.9	0.330303	444.49	REAL	O=C([C@@H]1)CC(=O)Nc2ccc3c(2)Cc2ccc2-3)C1)N1CCC(C[C@H](c2n[nH]j(=O)oc2)C1
vTmprss2-as1-45	Z222587007	-10.9	0.330303	444.49	REAL	O=C([C@@H]1)CC(=O)Nc2ccc3c(2)Cc2ccc2-3)C1)N1CCC(c2n[nH]j(=O)oc2)CC1
vTmprss2-as1-46	Z382976940	-10.9	0.330303	440.498	REAL	O=C(Nc1ccc2c(1)COC2)C1CCN(C(=O)c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-47	Z460978596	-10.9	0.3114286	487.539	REAL	O=C(c1ccc2ccc2c2ccc1)N1CCN(S(=O)(=O)c2ccc3[nH]j(=O)[nH]j3c2)CC1
vTmprss2-as1-48	Z757866178	-10.9	0.3516129	406.444	REAL	O=C1CN=C(C(=O)N)C2c(-c3ccc(-c4ccc4)ccc3)ccc3C2=O)cc1
vTmprss2-as1-49	ZINC000000944501	-10.9	0.3114286	482.515	ZINC	O=C(O)c1ccc(NC2=C(C(=O)N)S(=O)(=O)c3ccc4ccc43)ccc3C2=O)cc1
vTmprss2-as1-50	ZINC0000103721003	-10.9	0.3114286	482.515	ZINC	O=C(O)c1ccc(NC2=C(C(=O)N)S(=O)(=O)c3ccc4ccc43)ccc3C2=O)cc1
vTmprss2-as1-51	PV-001948149596	-10.8	0.3375	430.506	REAL	Cc1ccc(NC(=O)NCC(C)C)C2ccc3ccc32)cc1N1C(=O)CNC1=O
vTmprss2-as1-52	Z1128760223	-10.8	0.3272727	436.474	REAL	O=C(Nc1ccc(-c2nnc[nH]2)cc1)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-53	Z1198954945	-10.8	0.3375	423.471	REAL	O=C1Cc2cc(NC(=O)C[C@H]3CC(=O)N(c4ccc5c(4)C4ccc5-4)C3)cc2)N1
vTmprss2-as1-54	Z1229725100	-10.8	0.3272727	442.474	REAL	C[C@H]1(c2ccc3ccc32)NC(=O)N(CC(=O)N2CC(=O)N)Nc3ccc32)C1=O
vTmprss2-as1-55	Z1233881640	-10.8	0.3375	434.513	REAL	C[C@H]1[C@@H](C[C@H](c2ccc(F)cc2)CN1C(=O)C[C@H]1CCN(C(=O)c2ccc3[nH]jnc32)C1
vTmprss2-as1-56	Z1276146317	-10.8	0.36	395.417	REAL	O=C(Nc1[nH]jnc1-c1ccc2c(1)COC2)C1ccc2c(1)-c1ccc1C2
vTmprss2-as1-57	Z1276150313	-10.8	0.36	395.417	REAL	O=C(Nc1[nH]jnc1-c1ccc2c(1)COC2)C1ccc2c(1)-c1ccc1C2
vTmprss2-as1-58	Z1316395554	-10.8	0.3085714	494.527	REAL	CC(=O)c1ccc(-c2ccc(C(=O)N3CCN(S(=O)(=O)c4ccc5[nH]j(=O)[nH]j5c4)CC3)oc2)cc1
vTmprss2-as1-59	Z1329850286	-10.8	0.3375	429.45	REAL	NC(=O)c1ccc(NC(=O)C[C@H]2CC(=O)N(c3ccc4c(3)C3ccc4-4)C2)F(c1
vTmprss2-as1-60	Z1337296307	-10.8	0.3272727	438.486	REAL	Cc1nc(-c2ccc(C(=O)N)C(=O)c3ccc4c(3)C3cc4)C2)C[C@H](c3ccc3)C4=O)2[nH]j1
vTmprss2-as1-61	Z1348302641	-10.8	0.3483871	435.507	REAL	O=C(Nc1ccc2[nH]jnc2c1)C1CCN(S(=O)(=O)c2ccc3ccc32)CC1
vTmprss2-as1-62	Z1392745135	-10.8	0.36	401.465	REAL	NC(=O)c1ccc(C(=O)N2CC(C[C@H](NC(=O)c3ccc4ccc43)CC2)cc1
vTmprss2-as1-63	Z1392753478	-10.8	0.3375	427.459	REAL	O=C(N[C@@H]1)CCN(C(=O)c2ccc3c(2)C(=O)N3C=O)C1)c1ccc2ccc2-1
vTmprss2-as1-64	Z1395058577	-10.8	0.3375	434.47	REAL	NC(=O)c1ccc(F)C(NC(=O)N2CC(C[C@H](NC(=O)N)C(=O)c3ccc4ccc43)C2)cc1
vTmprss2-as1-65	Z1410300309	-10.8	0.36	400.441	REAL	O=C(N[C@@H]1)CCN(C(=O)c2ccc3nnc32)C1)c1ccc2ccc2-1
vTmprss2-as1-66	Z1487641111	-10.8	0.3483871	417.511	REAL	O=C(NNc1ccc2c1CCCC2)C1)CCN(C(=O)c2ccc3[nH]jnc32)C1
vTmprss2-as1-67	Z1543065403	-10.8	0.3483871	415.452	REAL	O=C(N[C@@H]1)CCN(C(=O)c2ccc3n[nH]j(=O)oc32)C1)c1ccc2ccc2-1
vTmprss2-as1-68	Z1620593776	-10.8	0.3483871	414.511	REAL	Cc1ccc2[nH]j3c(=e2)1)C[C@H](NC(=O)Nc1ccc(-c2n[nH]j(=O)oc2)cc1)CC3
vTmprss2-as1-69	Z1626791432	-10.8	0.3483871	414.507	REAL	Cc1ccc1C1=CCN(C(=O)C[C@H]2CCN(C(=O)c3ccc4[nH]jnc43)C2)C1
vTmprss2-as1-70	Z1627330143	-10.8	0.3272727	442.478	REAL	Cn1ccc(-c2ncc(C[C@H]3COCN3C(=O)Nc3ccc4c(3)C3ccc4-4)no2)cc1
vTmprss2-as1-71	Z1643822107	-10.8	0.36	395.465	REAL	Cc1ncc(-c2ccc(NC(=O)N3CC=C(c4ccc5ccc54)C3)cc2)cc1n[nH]1
vTmprss2-as1-72	Z1740710352	-10.8	0.3483871	416.523	REAL	Cc1ccc(C2c(1)CN(C(=O)C[C@H]1CCN(C(=O)c3ccc4[nH]jnc43)C1)CC2
vTmprss2-as1-73	Z1785648029	-10.8	0.36	397.473	REAL	O=C(O)c1ccc1C1CCN(C(=O)c2ccc3c(2)-c2ccc2)CC1
vTmprss2-as1-74	Z1820356932	-10.8	0.36	403.441	REAL	Nc1nc(=O)[nH]j(=O)N1CCN(C(=O)C2ccc3c(oc4ccc43)oc2)CC1
vTmprss2-as1-75	Z1827620903	-10.8	0.3375	429.522	REAL	Nc1nc(=O)[nH]j(=O)N1CCN(C(=O)CCc2ccc3c(2)c(-c2ccc2)CC3)CC1
vTmprss2-as1-76	Z1835892373	-10.8	0.36	418.48	REAL	Nc1ncc2c(n1)CCN(C(=O)C)S1nnc(-c3ccc4ccc43)oc1)C2
vTmprss2-as1-77	Z1899606016	-10.8	0.36	402.457	REAL	Cc1ncc(Cn2c(C(=O)N3CC(C4ccc5ccc54)CC3)nn2)C1
vTmprss2-as1-78	Z1901061377	-10.8	0.36	400.441	REAL	Cc1ncc(Cn2c(C(=O)N3CC=C(c4ccc5ccc54)CC3)nn2)C1
vTmprss2-as1-79	Z1948615421	-10.8	0.4	361.444	REAL	O=C(Cc1c[nH]j2ccc2)NN(C(=O)C[C@H]1[C@@H]2[C@H]3[C@@H](C[C@H]1)C[C@H]5[C@@H]41
vTmprss2-as1-80	Z1953861210	-10.8	0.3272727	446.433	REAL	O=C(Nc1ccc(F)N2CCOC2=O)c1c1ccc2c(1)C[C@H]1c1ccc1)OC2=O
vTmprss2-as1-81	Z2004572359	-10.8	0.3272727	440.545	REAL	O=C(c1ccc2[nH]jnc2c1)N1CCC(C[C@H](C(=O)N)2)C[C@H]3C=C(c4ccc4)C[C@H]2)CC3)C1
vTmprss2-as1-82	Z2015597943	-10.8	0.3272727	441.49	REAL	Nc1ncc(C[C@H]2CCN(C(=O)N)C3ccc4c(3)C(=O)c3ccc3C4=O)C2)N1
vTmprss2-as1-83	Z2027111833	-10.8	0.3724138	384.438	REAL	Cc1ccc(-c2n[nH]j(=O)[nH]2)cc1NC(=O)C[C@H]1C[C@@H](C[C@H]1)ccc2ccc2-1
vTmprss2-as1-84	Z2114995716	-10.8	0.3375	430.482	REAL	O=C(Nc1ccc(F)F)N2CCN(C2=O)N1CC=C(c2ccc3ccc23)C1
vTmprss2-as1-85	Z2225291359	-10.8	0.3176471	449.509	REAL	O=C(NC1ccc2c(=O)cc[nH]2c1)C[C@H]1CC(=O)N(c2ccc3c(2)C2c2ccc2-3)C1
vTmprss2-as1-86	Z2226909716	-10.8	0.3483871	406.448	REAL	O=C(NNc1nnc[nH]1)ccc(-c2ccc(-c3ccc3)cc2)cc2ccc2-1
vTmprss2-as1-87	Z2227159520	-10.8	0.3272727	431.458	REAL	O=C(Nc1nnc2[nH]jnn12)ccc(-c2ccc(-c3ccc3)cc2)cc2ccc2-1
vTmprss2-as1-88	Z2639648322	-10.8	0.4	359.432	REAL	Nc1nnc(C2CCN(C(=O)c3ccc4c(3)-c3ccc3C4)CC2)[nH]1
vTmprss2-as1-89	Z2654576638	-10.8	0.3857143	376.423	REAL	Nc1nnc2(=O)ccc(CN3CCN(c4ccc5ccc5n4)CC3)cc2)N1
vTmprss2-as1-90	Z338530490	-10.8	0.3085714	475.543	REAL	O=C([C@@H]1)CN(C(=O)C[C@H]2CC(=O)N(c3ccc4c(3)CC4)C2)c2ccc20)N1CCOCC1
vTmprss2-as1-91	Z338795670	-10.8	0.3483871	447.444	REAL	O=C(Nc1ccc2c(C(F)F)F)F)2)C1)CCN(C(=O)c2ccc3nnc32)CC1
vTmprss2-as1-92	Z605475312	-10.8	0.3176471	485.653	REAL	Cc1c(C)c(C)S(=O)(=O)N2CCN(C(=O)c3ncc4[nH]j(=O)[nH]j4c3)CC2)c(C)C1C
vTmprss2-as1-93	Z642644784	-10.8	0.3272727	437.502	REAL	Cc1ncc2(C(=O)N)jnm2c(C)1CCC(=O)Nc1ccc(C(F)C)cc2)cc1
vTmprss2-as1-94	Z749458592	-10.8	0.36	394.429	REAL	O=C(NN(C(=O)C1c2ccc2)O)c2ccc2-1)ccc2ccc2-1
vTmprss2-as1-95	Z847629948	-10.8	0.317647			

