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REVIEW ARTICLE

The e-Psychonauts' 'Spiced' World; Assessment of the Synthetic Cannabinoids' Information Available Online

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Abstract: ***Background*:** A wide range of novel psychoactive substances (NPS) is regularly searched and discussed online by web-based drug enthusiasts (*i.e.* the e-psychonauts). Among NPS, the range of synthetic cannabinoids (SC; 'Spice') currently represents a challenge for governments and clinicians.

***Methods*:** Using a web crawler (*i.e.* the NPS.Finder®), the present study aimed at assessing psychonauts' fora/platforms to better understand the online mentions of SC.

***Results*:** The open-web crawling/navigating software identified here some 1,103 synthetic cannabinoids. Of these, 863 molecules were not listed in either the international or the European NPS databases.

***Conclusion*:** A web crawling approach helped here in identifying a large range of unknown SC likely to possess a misuse potential. Most of these novel/emerging molecules are still relatively unknown. This is a reason for concern; each of these analogues potentially presents different toxicodynamic profiles and there is a lack of docking, preclinical, and clinical observations. Strengthening multidisciplinary collaboration between clinicians and bioinformatics may prove useful in better assessing SC-associated public health risks.

Keywords: Psychonauts, NPS, new psychoactive substances, synthetic cannabinoids, web crawling.

1. INTRODUCTION

1.1. Background

The web may play a pivotal role in the 'life cycle' of NPS [1]. After being synthesized in illegal chemical laboratories, NPS are then made available through e-commerce to interested customers. These customers include the e-psychonauts [2], whose primary aim is discovering and experiencing the effects of new chemical compounds [3, 4]. e-Psychonauts share their experiences on a range of multilingual, specialized, dedicated web fora/blogs [5, 6], hence facilitating information spreading to other consumers of the index new psychoactive molecule [2, 3].

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Within this scenario, synthetic cannabinoids (SC), known also as synthetic cannabimimetics or synthetic cannabinoid receptor agonists (SCRAs), constitute one of the main classes of new/novel psychoactive substances (NPS). Despite the term 'novel', the first products were synthesized by pharmaceutical industries between the '70s and '80s, after noticing the potential analgesic, antiemetic and narcotic effects of the endocannabinoid system [7].

Since the first SC identification in the drug market in 2008, the number of cannabinoids available has grown steadily. According to both the European Monitoring Centre for Drugs and Drug Addiction (EMCDDA) and the United Nations Office on Drugs and Crime (UNODC), SC are the most typically seized NPS reported in Europe and elsewhere [8-12].

Whilst being labelled as 'not for human consumption' or as 'laboratory products' [13-15], SC are usually made available in colourful packages with different names (*e.g.* 'Spice',

1570-159X/20 $65.00+.00

'K2', 'Kronic', 'Voodoo'). SC use has been associated with vulnerable subjects, including inmates and homeless people [16].

Because of their activity on CB1 receptors, over the last decade, SC have at times been interpreted as the 'legal substitutes' of cannabis [8]. Indeed, they show higher CB1 binding affinity levels than (–)-trans-Δ9-tetrahydrocannabinol (THC) [8], though multiple interactions with remaining classes of receptors have also been commented [14]. Hence, SC present with a range of unpredictable clinical effects, which have included severe ill-health events [17] and fatalities [9, 10, 18].

Clinicians and health professionals typically perceive their NPS-, including SC-, related knowledge levels as inadequate [19]. Indeed, the pace at which scientific evidence is updated cannot withstand the constant and rapid entry into the market of further NPS molecules.

1.2. Aim

The aim of the current research was to: (a) identify and categorise the number of SC molecules collected by a dedicated web crawler (*i.e*. the NPS.Finder®) from a range of psychonaut, NPS-related, online sources; and (b) compare the NPS.Finder® SC list with related findings from the UNODC and the EMCDDA.

2. METHODS

2.1. Search Strategy

To facilitate the process of early recognition of emerging psychoactive molecules, a crawling/navigating software (*i.e*. the 'NPS.Finder®') was designed to automatically scan the open/surface web for new/novel/emerging NPS (for a thorough description of both web crawling and data cleaning activities please refer to recently published studies) [5, 6]. This software was designed to map on a 24/7 basis the large variety of psychoactive molecules mentioned within a range of popular online psychonauts websites/fora (Appendix **1**).

Firstly, a number of proper piloting searches were performed using a range of keywords, including: NPS; novel psychoactive substances; new psychoactive substances; emerging psychoactive substances; drugs online; buy new substances; psychonauts, drug forums; psychoactive products; synthetic cannabinoids; synthetic cathinones; psychedelic phenethylamines; novel stimulants; synthetic opioids; tryptamine derivatives; phencyclidine-like dissociatives; piperazines; GABA-A/B receptor agonists; prescribed medications; psychoactive plants; psychoactive herbs; and image- and performance-enhancing drugs. Any new website of interest was added to the list. Afterwards, a range of specific automatic web crawler activities were carried out from 14 November 2017 to 31 May 2019. Although the language most typically used in these websites was English, further languages analysed by the NPS.Finder® included: Dutch, French, Turkish, Swedish, Spanish, German, Russian, and Italian.

Resulting data were collected using Python-language web crawlers, one for each site listed, through daily scanning activities. Emerging findings were first stored in a temporary virtual storage area and then in an MYSQL database which presented with an SSL security protocol. All data were encrypted with asymmetric cryptographic procedures.

2.2. Data Collection

NPS.Finder® extracted a range of NPS-related information, including chemical and street names; chemical formula; three-dimensional images; and anecdotally reported clinical/psychoactive effects. These data were automatically stored in an online, restricted access/password-controlled database located within firewall-protected, highly secure, and consistently performing servers.

2.3. Data Screening and Duplication Check

With the help of an 'ad hoc' check control panel, all data were manually and carefully analyzed by 4 medically/psychiatrically trained professionals (*i.e*. FN; DA; CZ; and LG). In the case of data interpretation issues, these were resolved by consultation with FS, AG, JC and AV.

The web crawler-identified SC molecules' denominations were first searched in Medline/PubMed [20] and in Google®/Google® Scholar [21, 22]. A further screening was carried out with the help of Pubchem; [23] ChemSpider®; [24] and ChEMBL [25-27]. To avoid duplications, the International Union of Pure and Applied Chemistry (IUPAC) denomination was used for each molecule. In this way, a full assessment and editing of each NPS.Finder® data entry was carried out and the range of unique SC molecules commented here was identified (please note that the complete and regularly updated list of NPS identified by the web-crawler activities is freely available at *https://npsfinder.com/home.php*).

3. RESULTS

With the help of the web crawler activities, some 5922 substances were here identified. After proper data screening and duplication check completion, some 4204 unique NPS molecules were included in the database and 1718/5922 (29.01%) remaining molecules were found to be false positives or duplicates. Of these, 1103 SC were collected, representing 26.2% (CI 95%: 25.9-27.6%) of the total number of molecules, and the second largest group after psychedelic phenethylamines (30.1%; CI 95%: 28.7-31.5%).

Conversely, by 13th June 2019, the UNODC listed 286 SC and, by 1st April 2019, and the EMCDDA database included 193 different SC. Some 863 SC (78.2%; CI 95%: 75.1-80.6%) were identified only by the NPS.Finder® and 182 SC (16.5%; CI 95%: 14.4-18.8%) were common to all three databases. Finally, some 52 molecules were mentioned in either the EMCDDA or the UNODC lists but had not been identified by the NPS.Finder® web crawler (Table **1**). Hence, the three databases identified an overall number of 1155 synthetic cannabinoids (Appendix **2**).

These 1155 SC were here further categorized with a hierarchical approach (*i.e*. categories 1; 2a; 2b; 3), as follows: 1) SC listed by the EMCDDA and/or by the UNODC; 292 (25.3%, CI 95%: 22.8-27.8%) molecules were included; 2a) SC which were not listed by either the EMCDDA or the

Table 1. Number of SCRAs in the NPS.Finder®, UNODC, and EMCDDA databases.

	Database	Number of SCRAs
I	NPS.Finder® total	1103
II	UNODC total	286
III	EMCDDA total	193
IV	NPS.Finder® and UNODC and EMCDDA	182
V	NPS.Finder® and UNODC	54
VI	NPS.Finder® and EMCDDA	4
VII	UNODC and EMCDDA	5
VIII	NPS.Finder® alone	863
IX	UNODC alone	45
X	EMCDDA alone	2
XI	Total number of unique molecules	1155

The number of SCRAs shared between the three databases is also presented, as follows: I= total number of molecules included in the NPS. Finder database; II= total number of molecules included in the UNODC list; III= total number of molecules included in the EMCDDA list; IV= number of molecules included in all three lists; V= number of molecules included in both NPS.Finder and UNODC lists, but not in the EMCDDA one; VI= number of molecules included in the NPS.Finder and EMCDDA lists, but not in UNODC one; V= number of molecules included in both UNODC and EMCDDA lists, but not in the NPS.Finder one; VIII = number of molecules included only in the NPS.Finder list, IX = number of molecules included only in the UNODC list; X = number of molecules included only in the EMCDDA list; XI: total number of unique SC molecules identified.

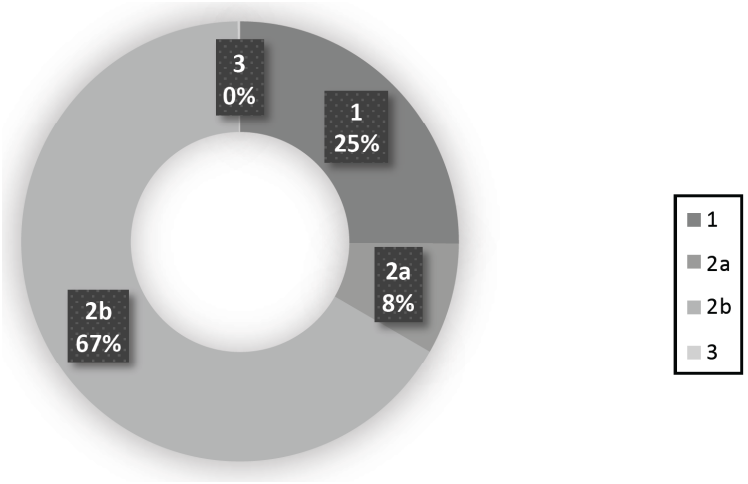

Fig. (1). Categorization of 1,155 SC: category 1) SC listed by the EMCDDA and/or by the UNODC: 292 molecules; 2a) SC which are already scheduled, and/or for which evidence levels of abuse have already been reported in peer-reviewed papers, but which are not listed by either the EMCDDA or the UNODC: 94 molecules; 2b) SC commented on the psychonauts' websites/for a: 767 molecules; 3) SC used as laboratory research products/analytical references and/or studied in preclinical or animal research: 2 molecules.

UNODC, but which are scheduled, and/or for which evidence levels of abuse have already been reported in peer-reviewed papers; 94 molecules (8.1%, CI 95%: 6.6-9.7%); 2b) SC commented on the psychonaut websites/fora; 767 (66.4%, CI 95%: 63.7-69.1%); 3) SC used as laboratory research products/analytical references and/or studied in preclinical or animal research; 2 molecules (0.1%, CI 95%: 0.0-0.4%) (Fig. **1**).

4. DISCUSSION

The present paper provides unique and unprecedented figures in terms of overall numbers of synthetic cannabinoids, collected using an innovative and automatic search strategy. Consistent with previous observations from our group [5], the NPS.Finder® database identified here a quantitative level of SC which is about 5-fold higher than that identified by both the UNODC and the EMCDDA. Although present results, highlighting a strong interest by psychonauts towards SC, do not necessarily confirm in any possible way these molecules' levels of use, they can help in explaining levels of concern relating to the current NPS scenario, which well includes SC [28, 29].

Indeed, out of the 1155 SC overall number identified by the 3 databases, NPS.Finder® captured 1103/1155 (95.5%)

of them, a better performance than both the UNODC (286/1155; 24.8%) and the EMCDDA (193/1155; 16.7%). There might be different reasons behind these inconsistencies in data reporting. Firstly, both the UN and EU agencies collect in their databases only those molecules which are detected/seized and properly analysed. The EMCDDA reports on 28 EU countries only, whilst both the UNODC database and the psychonauts' entries may better reflect the global situation. Furthermore, NPS.Finder® carried out here a range of open web crawling identification activities focusing on a large range of psychonaut-based, specialized, multilingual, sources with a specific focus on NPS. Although one could argue that discussing a molecule on the web is not, per se, an indication that the index molecule is being/will be ingested by interested individuals, the current SC list was generated whilst crawling only on the open web. In other words, this may well reflect the level of SC-related information which may be accessible to anyone, including vulnerable children and adolescents, without the need of using sophisticated search techniques or downloading deep web/darknet ad hoc browsers [30].

Notably, roughly 1 out of 4 of the current 1155 SC is currently under surveillance by either EMCDDA or UNODC. Those SC under surveillance are likely to present with more convincing evidence of misuse compared with remaining molecules, resulting in high levels of concern by clinicians and policymakers [12]. Nonetheless, there are further 94 SC which have been mentioned in the literature [31-34] but which are currently not listed by EMCDDA nor UNODC. With the introduction of new control laws, some of these compounds have recently been scheduled [15], with their purchase now being arguably more problematic [35]. Finally, roughly 2/3 of the 1155 SC were here mentioned only by the psychonauts' fora. Some of these SC might currently be at their 'life cycle' early stages and it is possible that some of them will become more popular in the future [1, 9, 36]. Indeed, reports on new drugs are likely to emerge considerably later than their first appearance in e-psychonauts' discussions [36, 37].

4.1. Pharmacological and Clinical Pharmacological Considerations

Although the evidence base for most SC molecules here mentioned is lacking, they are likely to act as partial/full agonists, and with different affinity levels, at the CB1 receptors. Nonetheless, SC may act as well on both 5-HT2A and NMDA receptors [38], hence a vast range of ill-health consequences is associated with these molecules [5]. Moreover, there are difficulties in identifying them with analytical chemistry techniques [39]. A clear understanding of the clinical toxicity of each compound is at present problematic. Although the *in vitro* pKi values/binding affinities for some SC molecules are already available [40], consistent with what has been suggested for novel synthetic opioids this may not provide enough information about the relative *in vivo* potency [41]. In fact, there might be variable effects on receptors, which could potentially give rise to a great diversity of intracellular consequences following the administration of different analogues with apparently similar pharmacodynamics [42]. Furthermore, as highlighted using a molecular docking model, some substances are too structurally similar for the scoring function to distinguish between different similar molecules [43, 44].

4.2. Use of the 'Big Data' Analysis in Understanding Changes in Drug Scenarios

Since the recreational drug business has moved from face-to-face to an anonymous, web-based, marketplace [30] the best approach to understand the current drug scenario is to analyze the information/data made available by the consumers/e-psychonauts themselves [37]. However, the analysis of this data requires the management of 'high-volume, high-velocity, and high-variety' [45] range of modifications in the NPS market, which makes it a convincing example of 'big data'. Over the past few years, the use of big data analytics has been successfully used in a range of health-related areas, including the early identification of influenza epidemics [46-48]. There are however methodological limitations with this approach [45, 49], and these are related to the reliability of web-based collected data [49]. Conversely, when the amount of information overtakes the capacity of traditional research methods, the use of big data analytics can help to provide a nearly real-time update [50].

The use of automatic software such as the NPSfinder® has allowed here both scanning and identification activities of a constant flow of drug-related data. To improve accuracy and provide a thorough evaluation of SC use, however, further research should focus on an integrative model in which web-based analyses will be combined with more traditional identification methods [49]. Understanding the pharmacological characteristics/potency of those SC molecules which are of appeal for potential consumers will hopefully help in both predicting SC diffusion and reducing the existing gap in knowledge between the web-based consumers and clinicians, hence facilitating the planning of ad hoc prevention strategies.

4.3. Limitations

During the current phase of its development, the NPS.Finder® has crawled on the open web only. Future studies by our group will be expanding drug searches on less accessible areas of the web, such as the deep web and the darknet [30]. A qualitative/netnographic approach [51, 52] will be needed as well, to better assess the possible psychonauts' preference between SC analogues and their motivation for use. Since previous studies have highlighted their importance in NPS-based studies [53], next NPS.Finder®-based research will need to focus as well on further languages, *e.g*. Chinese, Japanese and Arabic. Finally, some SC commented online may have been missed by our search software. Nonetheless, to the best of our knowledge, the most comprehensive literature dataset of SC has been provided here.

CONCLUSION

The web crawler activities may well possess the potential to identify a wide range of novel/previously undescribed NPS,

including SC. The literature base regarding these molecules is limited in terms of acute and long-term effects, adverse effects, abuse potential, and manufacturing/distribution in both the virtual and real markets. Indeed, the future *in silico*, *in vitro*, and *in vivo* studies could provide important findings. Furthermore, it is deemed here essential to monitor the real-life scenarios through drug checking in interdiction, drug outpatient clinics and in critical care settings. Better levels of misusing drugs' clinical pharmacological-related knowledge are needed so that properly tailored management/treatment strategies and guidelines can be drawn up and made available. Finally, strengthening multidisciplinary collaboration between clinicians and bioinformatics may prove useful in better assessing the SC-associated public health risks.

CONSENT FOR PUBLICATION

Not applicable.

FUNDING

None.

CONFLICT OF INTEREST

The authors declare no conflict of interest, financial or otherwise.

ACKNOWLEDGEMENTS

Declared none.

APPENDIX

Appendix 1. List of websites monitored by the NPS.Finder® web crawler during the time frame November 2017-May 2019; surface web only.

No.	Website Name
1	*Avalonmagicplants.com*
2	*Azarius.net*
3	*Bluelight.org*
4	*Bluemorphotours.com*
5	*Cannabis.net*
6	*Chemeurope.com*
7	*Committedpsychonaut.tumblr.com*
8	*Daath.hu/psychonauts*
9	*Dancesafe.org*
10	*Deviantart.com/psychonaut-a*
11	*Druglibrary.org*
12	*Drugs.tripsit.me*
13	*Drugs-forum.com*
14	*Drugs-plaza.com*
15	*Dutch-headshop.eu*
16	*Ecstasydata.org*
17	*Elephantos.com*
18	*Energycontrol.org*
19	*Entheogen-network.com/forums*
20	*Erowid.org*
21	*Eusynth.org*
22	*Everything2.com/title/Psychonaut*
23	*Fungifun.org*
24	*Hedweb.com*

Appendix 1 contd….

No.	Website Name
25	*Hipforums.com/forum*
26	*Isomerdesign.com*
27	*Knehnav.home.xs4all.nl*
28	*Kratomshop.com*
29	*Legal-high-inhaltsstoffe.de*
30	*Mindstates.org*
31	*Mycotopia.net*
32	*Natmedtalk.com*
33	*Peyote.com/peyolink.html*
34	*Psychedelic-library.org*
35	*Psychonaut.ca*
36	*Psychonaut.fr*
37	*Psychonautdocs.com*
38	*Psychonautwiki.org*
39	*Psyconauts.tripod.com*
40	*Reddit.com and drug-related subreddits (e.g. Reddit.com/r/Psychonaut/; Reddit.com/r/shroomers/)*
41	*Shayanashop.com*
42	*Sjamaan.com*
43	*Tripzine.com*
44	*Tryptamind.com*
45	*Urban75.net*
46	*Zamnesia.com*

Appendix 2. List of SC mentioned by the psychonauts and identified either through the web crawler activities or presented in the EMCDDA and/or UNODC lists, for a total of 1,155 unique molecules.

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1	([1,1'-BIPHENYL]-2-YL)(1-PENTYL-1H-INDOL-3-YL)METHANONE	N/A	C26H25NO; ([1,1′-Biphenyl]-2-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
2	([1,1'-BIPHENYL]-3-YL)(1-PENTYL-1H-INDOL-3-YL)METHANONE	N/A	C26H25NO; ([1,1′-Biphenyl]-3-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
3	(1-BENZOFURAN-7-YL){1-[2-(MORPHOLIN-4-YL)ETHYL]-1H-INDOL-3-YL}METHANONE	N/A	C23H22N2O3; (1-Benzofuran-7-yl){1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
4	(1-PENTYL-1H-INDAZOL-3-YL)(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C20H28N2O; (1-pentyl-1H-indazol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	Y	-	-	1
5	(1-PENTYL-1H-INDAZOL-3-YL)(PIPERAZIN-1-YL)METHANONE	N/A	C17H24N4O; (1-pentyl-1H-indazol-3-yl)(piperazin-1-yl)methanone	Y	-	-	1
6	(1-PENTYL-1H-INDOL-3-YL)(PYRIDIN-3-YL)METHANONE	N/A	C19H20N2O; (1-pentyl-1H-indol-3-yl)(pyridin-3-yl)methanone	Y	-	-	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
7	(1-PENTYL-1H-INDOL-3-YL)PIPERAZIN-1-YL)METHANONE	N/A	C18H25N3O; (1-pentyl-1H-indol-3-yl)(piperazin-1-yl)methanone	Y	-	-	1
8	(1'S,2'S)-5'-(HYDROXYMETHYL)-4-[2-METHYL-6-(MORPHOLIN-4-YL)HEXAN-2-YL]-2'-(PROP-1-EN-2-YL)-1',2',3',4'-TETRAHYDRO[1,1'-BIPHENYL]-2,6-DIOL	N/A	C27H41NO4; (1′S,2′S)-5′-(Hydroxymethyl)-4-[2-methyl-6-(morpholin-4-yl)hexan-2-yl]-2′-(prop-1-en-2-yl)-1′,2′,3′,4′-tetrahydro[1,1′-biphenyl]-2,6-diol	-	-	Y	2b
9	(1E)-1-[(6AR,10AR)-1-HYDROXY-6,6,9-TRIMETHYL-6A,7,10,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-3-YL]OCT-1-EN-3-ONE	N/A	C24H32O3; (1E)-1-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]oct-1-en-3-one	-	-	Y	2b
10	(2-ADAMANTYL) 5CL-APINACA	N/A	C23H30ClN3O; N-(Adamantan-2-yl)-1-(5-chloropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b
11	(2-FLUOROPHENYL){(3R)-5-METHYL-3-[(MORPHOLIN-4-YL)METHYL]-2,3-DIHYDRO[1,4]OXAZINO[2,3,4-HI]INDOL-6-YL}METHANONE	N/A	C23H23FN2O3; (2-Fluorophenyl){(3R)-5-methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}methanone	-	-	Y	2b
12	(2-PENTYL) JWH-018	N/A	C24H23NO; (Naphthalen-1-yl)[1-(pentan-2-yl)-1H-indol-3-yl]methanone	-	-	Y	2b
13	(2H-INDAZOLE) APINACA	N/A	C23H31N3O; N-(Adamantan-1-yl)-2-pentyl-2H-indazole-3-carboxamide	-	-	Y	2a
14	(2MB) JWH-018	N/A	C24H23NO; [1-(2-Methylbutyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
15	(2R,5S)-5-METHYL-9-PENTYL-2-(PROPAN-2-YL)-3,4,5,6-TETRAHYDRO-2H-2,6-METHANO-1-BENZOXOCIN-7-OL	N/A	C21H32O2; (2R,5S)-5-Methyl-9-pentyl-2-(propan-2-yl)-3,4,5,6-tetrahydro-2H-2,6-methano-1-benzoxocin-7-ol	-	-	Y	2b
16	(3-PENTYL) JWH-018	N/A	C24H23NO; (Naphthalen-1-yl)[1-(pentan-3-yl)-1H-indol-3-yl]methanone	-	-	Y	2b
17	(3R)-N-(ADAMANTAN-1-YL)-3-ETHYL-7-OXO-2,3-DIHYDRO-7H-[1,4]OXAZINO[2,3,4-IJ]QUINOLINE-6-CARBOXAMIDE	N/A	C24H28N2O3; (3R)-N-(Adamantan-1-yl)-3-ethyl-7-oxo-2,3-dihydro-7H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxamide	-	-	Y	2b
18	(3Z)-5-CHLORO-1-[2-(MORPHOLIN-4-YL)ETHYL]-3-[(NAPHTHALEN-1-YL)IMINO]-1,3-DIHYDRO-2H-INDOL-2-ONE	N/A	C24H22ClN3O2; (3Z)-5-Chloro-1-[2-(morpholin-4-yl)ethyl]-3-[(naphthalen-1-yl)imino]-1,3-dihydro-2H-indol-2-one	-	-	Y	2b
19	(4-BROMONAPHTHALEN-1-YL){1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C26H25BrN2O; (4-Bromonaphthalen-1-yl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
20	(4-FLUORONAPHTHALEN-1-YL){1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C26H25FN2O; (4-Fluoronaphthalen-1-yl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
21	(4-HYDROXYNAPHTHALEN-1-YL){1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C26H26N2O2; (4-Hydroxynaphthalen-1-yl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
22	(4-METHOXYNAPHTHALEN-1-YL){1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C27H28N2O2; (4-Methoxynaphthalen-1-yl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
23	(4-METHOXYPHENYL){(3R)-5-METHYL-3-[(MORPHOLIN-4-YL)METHYL]-2,3-DIHYDRO[1,4]OXAZINO[2,3,4-HI]INDOL-6-YL}METHANONE	N/A	C24H26N2O4; (4-Methoxyphenyl){(3R)-5-methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}methanone	-	-	Y	2b
24	(4-METHOXYPHENYL){3-[(MORPHOLIN-4-YL)METHYL]-2,3-DIHYDRO-1H-PYRROLO[1,2-A]INDOL-9-YL}METHANONE	N/A	C24H26N2O3; (4-Methoxyphenyl){3-[(morpholin-4-yl)methyl]-2,3-dihydro-1H-pyrrolo[1,2-a]indol-9-yl}methanone	-	-	Y	2b
25	(4AR,10BR)-1,2,5,5-TETRAMETHYL-8-PENTYL-1,3,4,4A,5,10B-HEXAHYDRO-2H-[1]BENZOPYRANO[4,3-B]PYRIDIN-10-OL	N/A	C21H33NO2; (4aR,10bR)-1,2,5,5-Tetramethyl-8-pentyl-1,3,4,4a,5,10b-hexahydro-2H-[1]benzopyrano[4,3-b]pyridin-10-ol	-	-	Y	2b
26	(5-METHYL-6-(2-MORPHOLINOETHYL)-6H-THIENO[2,3-B]PYRROL-4-YL)(1-PROPYL-1H-INDOL-2-YL)METHANONE	US 2013/0178453 #11	C25H29N3O2S; {5-Methyl-6-[2-(morpholin-4-yl)ethyl]-6H-thieno[2,3-b]pyrrol-4-yl}(1-propyl-1H-indol-2-yl)methanone	-	-	Y	2b
27	(5-METHYL-6-PROPYLTHIENO[2,3-B]PYRROL-4-YL)-(6-PROPYLTHIENO[2,3-B]PYRROL-5-YL)METHANONE	US 2013/0178453 #83	C20H22N2OS2; (5-Methyl-6-propyl-6H-thieno[2,3-b]pyrrol-4-yl)(6-propyl-6H-thieno[2,3-b]pyrrol-5-yl)methanone	-	-	Y	2b
28	(5AR,9AR)-7,7-DIMETHYL-3-(2-METHYLOCTAN-2-YL)-5A,6,7,8,9,9A-HEXAHYDRODIBENZO[B,D]FURAN-1-OL	N/A	C23H36O2; (5aR,9aR)-7,7-Dimethyl-3-(2-methyloctan-2-yl)-5a,6,7,8,9,9a-hexahydrodibenzo[b,d]furan-1-ol	-	-	Y	2b
29	(6-ETHYLTHIENO[2,3-B]PYRROL-5-YL)-(1-PROPYLPYRROLO[2,3-B]PYRIDIN-3-YL)METHANONE	US 2013/0178453 #34	C19H19N3OS; (6-Ethyl-6H-thieno[2,3-b]pyrrol-5-yl)(1-propyl-1H-pyrrolo[2,3-b]pyridin-3-yl)methanone	-	-	Y	2b
30	(6-ETHYLTHIENO[2,3-B]PYRROL-5-YL)-[1-(OXAN-4-YLMETHYL)INDOL-3-YL]METHANONE	US 2013/0178453 #16	C23H24N2O2S; (6-Ethyl-6H-thieno[2,3-b]pyrrol-5-yl){1-[(oxan-4-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
31	(6-HYDROXYNAPHTHALEN-1-YL){1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C26H26N2O2; (6-Hydroxynaphthalen-1-yl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
32	(6AR,10AR)-3-(2-CYCLOHEXYLPROPAN-2-YL)-6,6,9-TRIMETHYL-6A,7,10,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-OL	N/A	C25H36O2; (6aR,10aR)-3-(2-Cyclohexylpropan-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
33	(6AR,10AR)-6,6,9-TRIMETHYL-3-(2-METHYLOCTAN-2-YL)-6A,7,8,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-AMINE	N/A	C25H39NO; (6aR,10aR)-6,6,9-Trimethyl-3-(2-methyloctan-2-yl)-6a,7,8,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-amine	-	-	Y	2b
34	(6AR,10AR)-6,6,9-TRIMETHYL-3-(2-METHYLOCTAN-2-YL)-6A,7,8,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-CARBONITRILE	N/A	C26H37NO; (6aR,10aR)-6,6,9-Trimethyl-3-(2-methyloctan-2-yl)-6a,7,8,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-carbonitrile	-	-	Y	2b
35	(6AR,10AR)-6,6,9-TRIMETHYL-3-(2-PHENYL-1,3-DITHIOLAN-2-YL)-6A,7,10,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-OL	N/A	C25H28O2S2; (6aR,10aR)-6,6,9-Trimethyl-3-(2-phenyl-1,3-dithiolan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
36	(6AR,10AR)-6,6,9-TRIMETHYL-3-PENTYL-6A,7,8,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-AMINE	N/A	C21H31NO; (6aR,10aR)-6,6,9-Trimethyl-3-pentyl-6a,7,8,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-amine	-	-	Y	2b
37	(ALLYL) JWH-018	N/A	C22H17NO; (Naphthalen-1-yl)[1-(prop-2-en-1-yl)-1H-indol-3-yl]methanone	-	-	Y	2b
38	(AZEPANE) AB-005	N/A	C23H32N2O; (1-(1-methylazepan-3-yl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1
39	(AZEPANE) AM-1220	N/A	C26H26N2O; [1-(1-Methylazepan-3-yl)-1H-indol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
40	(BENZYL) JWH-018	N/A	C26H19NO; (1-Benzyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
41	(BENZYL) PB-22	1-(Phenylmethyl)-1H-indole-3-carboxylic acid 8-quinolinyl ester	C25H18N2O2; Quinolin-8-yl 1-benzyl-1H-indole-3-carboxylate	Y	-	Y	1
42	(C11)-CP-47,497	N/A	C25H42O2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-(2-methyldodecan-2-yl)phenol	-	-	Y	2b
43	(C4) JWH-210	N/A	C25H25NO; (1-Butyl-1H-indol-3-yl)(4-ethylnaphthalen-1-yl)methanone	-	-	Y	2b
44	(C4) ORTHO-RCS-4	RCS-2-C4;	C20H21NO2; (1-Butyl-1H-indol-3-yl)(2-methoxyphenyl)methanone	Y	-	Y	1
45	(C4) UR-144	N/A	C20H27NO; (1-Propyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
46	(C6)-CP 47,497	CP 47,497-C6-homolog	C20H32O2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-(2-methylheptan-2-yl)phenol	Y	-	Y	1
47	(C9)-CP 47,497	CP 47,497-C9-homolog	C23H38O2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-(2-methyldecan-2-yl)phenol	Y	-	Y	1
48	(CARBOXY) JWH-072	N/A	C22H17NO3; 3-[3-(Naphthalene-1-carbonyl)-1H-indol-1-yl]propanoic acid	-	-	Y	2b
49	(CHM) JWH-210	N/A	C28H29NO; [1-(Cyclohexylmethyl)-1H-indol-3-yl](4-ethylnaphthalen-1-yl)methanone	-	-	Y	2b
50	(CHM) JWH-412	N/A	C26H24FNO; [1-(Cyclohexylmethyl)-1H-indol-3-yl](4-fluoronaphthalen-1-yl)methanone	-	-	Y	2b
51	(CHM) UR-144	N/A	C23H31NO; [1-(Cyclohexylmethyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
52	(CP) JWH-018	N/A	C22H19NO; (1-Cyclopropyl-1H-indol-3-yl)(4a,8a-dihydronaphthalen-1-yl)methanone	-	-	Y	2b
53	(CPE) JWH-018	N/A	C24H21NO; (1-Cyclopentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
54	(CPM) JWH-018	N/A	C23H19NO; [1-(Cyclopropylmethyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
55	(CYCLOHEXYL) JWH-018	N/A	C20H27NO; Cyclohexyl(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
56	(DECALIN) JWH-018	N/A	C24H33NO; (Decahydronaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
57	(DECYL) JWH-018	N/A	C29H33NO; (1-Decyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
58	(DEGRADANT) A-796,260	N/A	C22H30N2O2; (2E)-3,4,4-Trimethyl-1-{1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}pent-2-en-1-on	-	-	Y	2b
59	(HEXAHYDRO-2,5-METHANOPENTALEN-3A(1H)-YL){1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C24H29NO2; (Hexahydro-2,5-methanopentalen-3a(1H)-yl){1-[(oxan-4-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
60	(INDAZOLE) PB-22	NPB-22; INPB-22	C22H21N3O2; Quinolin-8-yl 1-pentyl-1H-indazole-3-carboxylate	Y	Y	Y	1
61	(NAPHTHALEN-1-YL)(1-PENTYL-1H-PYRROLO[2,3-B]PYRIDIN-3-YL)METHANONE	N/A	C23H22N2O; (Naphthalen-1-yl)(1-pentyl-1H-pyrrolo[2,3-b]pyridin-3-yl)methanone	-	-	Y	2b
62	(NAPHTHALEN-1-YL)(1-PENTYL-1H-PYRROLO[2,3-C]PYRIDIN-3-YL)METHANONE	N/A	C23H22N2O; (Naphthalen-1-yl)(1-pentyl-1H-pyrrolo[2,3-c]pyridin-3-yl)methanone	-	-	Y	2b
63	(NAPHTHALEN-1-YL)(1-PENTYL-1H-PYRROLO[3,2-C]PYRIDIN-3-YL)METHANONE	N/A	C23H22N2O; (Naphthalen-1-yl)(1-pentyl-1H-pyrrolo[3,2-c]pyridin-3-yl)methanone	-	-	Y	2b
64	(NONYL) JWH-018	N/A	C28H31NO; (Naphthalen-1-yl)(1-nonyl-1H-indol-3-yl)methanone	-	-	Y	2b
65	(OCTAHYDROISOQUINOLIN-2(1H)-YL)[4-(PROPAN-2-YL)-3-(PYRROLIDINE-1-SULFONYL)PHENYL]METHANONE	N/A	C23H34N2O3S; (Octahydroisoquinolin-2(1H)-yl)[4-(propan-2-yl)-3-(pyrrolidine-1-sulfonyl)phenyl]methanone	-	-	Y	2b
66	(OCTYL) JWH-018	N/A	C27H29NO; (Naphthalen-1-yl)(1-octyl-1H-indol-3-yl)methanone	-	-	Y	2b
67	(ORIGINAL) SDB-005	n-phenyl SDB-006	C20H22N2O; 1-Pentyl-N-phenyl-1H-indole-3-carboxamide	Y	Y	Y	1
68	(PENTENYL) AM-694	N/A	C20H18INO; (2-Iodophenyl)[1-(pent-4-en-1-yl)-1H-indol-3-yl]methanone	-	-	Y	2b
69	(PENTENYL) JWH-149	N/A	C26H25NO; (4-Methylnaphthalen-1-yl)[2-methyl-1-(pent-4-en-1-yl)-1H-indol-3-yl]methanone	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
70	(PIPET) AM-1220	N/A	C26H26N2O; (Naphthalen-1-yl){1-[2-(piperidin-1-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
71	(R,R)-EPI-CP 47,497	N/A	C21H34O2; 2-[(1R,3R)-3-Hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
72	(S,S)-EPI-(C8)-CP 47,497	N/A	C22H36O2; 2-[(1S,3S)-3-Hydroxycyclohexyl]-5-(2-methylnonan-2-yl)phenol	-	-	Y	2b
73	(S,S)-EPI-CP 47,497	N/A	C21H34O2; 2-[(1S,3S)-3-Hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
74	(THPM) JWH-018	N/A	C25H23NO2; (Naphthalen-1-yl){1-[(oxan-4-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
75	[1-(2-METHOXYETHYL)-1H-INDOL-3-YL](2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C19H25NO2; [1-(2-Methoxyethyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
76	[1-(5-FLUOROPENTYL)-6-NITRO-1H-INDOL-3-YL](2-IODOPHENYL)METHANONE	HONGFENG DENG PHD #7.15	C20H18FIN2O3; [1-(5-Fluoropentyl)-6-nitro-1H-indol-3-yl](2-iodophenyl)methanone	-	-	Y	2b
77	[1-(CYCLOHEXYLMETHYL)-7-METHOXY-1H-INDOL-3-YL](4-ETHYL-3,3-DIMETHYLPIPERAZIN-1-YL)METHANONE	N/A	C25H37N3O2; [1-(Cyclohexylmethyl)-7-methoxy-1H-indol-3-yl](4-ethyl-3,3-dimethylpiperazin-1-yl)methanone	-	-	Y	2b
78	[4-(2-HYDROXYETHYL)NAPHTHALEN-1-YL]{1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C28H30N2O2; [4-(2-Hydroxyethyl)naphthalen-1-yl]{1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
79	{(2R)-1-[(3-{7-CHLORO-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}-1,2,4-THIADIAZOL-5-YL)METHYL]PYRROLIDIN-2-YL}METHANOL	N/A	C22H27ClN4O2S; {(2R)-1-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-thiadiazol-5-yl)methyl]pyrrolidin-2-yl}methanol	-	-	Y	2b
80	{(3R)-5-METHYL-3-[(MORPHOLIN-4-YL)METHYL]-2,3-DIHYDRO[1,4]OXAZINO[2,3,4-HI]INDOL-6-YL}(QUINOLIN-7-YL)METHANONE	N/A	C26H25N3O3; {(3R)-5-Methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}(quinolin-7-yl)methanone	-	-	Y	2b
81	{1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDAZOL-3-YL}(NAPHTHALEN-1-YL)METHANONE	N/A	C25H25N3O; {1-[(1-Methylpiperidin-2-yl)methyl]-1H-indazol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
82	{1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOL-3-YL}(OCTAHYDROQUINOLIN-1(2H)-YL)METHANONE	N/A	C25H35N3O; {1-[(1-Methylpiperidin-2-yl)methyl]-1H-indol-3-yl}(octahydroquinolin-1(2H)-yl)methanone	-	-	Y	2b
83	{1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(SPIRO[2.5]OCTAN-1-YL)METHANONE	N/A	C23H29NO2; {1-[(Oxan-4-yl)methyl]-1H-indol-3-yl}(spiro[2.5]octan-1-yl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
84	{1-[(PYRIDIN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C22H24N2O; {1-[(Pyridin-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
85	{1-[4-(METHYLSULFANYL)BUTYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C21H29NOS; {1-[4-(Methylsulfanyl)butyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
86	{2-CHLORO-1-[2-(MORPHOLIN-4-YL)ETHYL]-1H-INDOL-3-YL}(NAPHTHALEN-1-YL)METHANONE	N/A	C25H23ClN2O2; {2-Chloro-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
87	{2-METHYL-1-[2-(MORPHOLIN-4-YL)ETHYL]-1H-INDOL-3-YL}(QUINOLIN-7-YL)METHANONE	N/A	C25H25N3O2; {2-Methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}(quinolin-7-yl)methanone	-	-	Y	2b
88	{2-METHYL-1-[2-(PIPERIDIN-1-YL)ETHYL]-1H-INDOL-3-YL}(NAPHTHALEN-1-YL)METHANONE	N/A	C27H28N2O; {2-Methyl-1-[2-(piperidin-1-yl)ethyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
89	{4,5,6,7-TETRAFLUORO-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C22H25F4NO2; {4,5,6,7-Tetrafluoro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
90	{5-[(OXAN-4-YL)METHYL]-2H,5H-[1,3]DIOXOLO[4,5-F]INDOL-7-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C23H29NO4; {5-[(Oxan-4-yl)methyl]-2H,5H-[1,3]dioxolo[4,5-f]indol-7-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
91	{6-(BENZYLOXY)-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C29H35NO3; {6-(Benzyloxy)-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
92	{6-BROMO-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C22H28BrNO2; {6-Bromo-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
93	{6-CHLORO-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C22H28ClNO2; {6-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
94	{6-METHOXY-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C23H31NO3; {6-Methoxy-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
95	{6-METHYL-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C23H31NO2; {6-Methyl-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
96	{7-METHOXY-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}(2,2,3,3-TETRAMETHYLCYCLOPROPYL)METHANONE	N/A	C23H31NO3; {7-Methoxy-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
97	1-(1-NAPHTHYLMETHYLENE)INDENE	N/A	C20H14; 1-[(E)-1H-Inden-1-ylidenemethyl]naphthalene	-	-	Y	2a
98	1-(2-NAPHTHYLMETHYL)INDENE	N/A	1-(2-Naphthylmethyl)indene	-	-	Y	2a
99	1-(2-NAPHTHYLMETHYLENE)INDENE	N/A	1-(2-Naphthylmethylene)indene	-	-	Y	2a
100	1-(5-FLUOROPENTYL)-3-(2-ETHYLBENZOYL)INDOLE	AM-694 ethyl substituted for iodine	C22H24FNO; 1-[(5-fluoropentyl)-1H-indol-3-yl]-(2-ethylphenyl)methanone; (2-Ethylphenyl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	Y	Y	Y	1
101	1-[(2-FLUOROPHENYL)METHYL]-7-METHYL-N-(4-METHYLCYCLOHEXYL)-4-OXO-1,4-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXAMIDE	N/A	C24H26FN3O2; 1-[(2-Fluorophenyl)methyl]-7-methyl-N-(4-methylcyclohexyl)-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxamide	-	-	Y	2b
102	1-[(OXAN-4-YL)METHYL]-3-(2,2,3,3-TETRAMETHYLCYCLOPROPANE-1-CARBONYL)-1H-INDOLE-6-CARBONITRILE	N/A	C23H28N2O2; 1-[(OXAN-4-YL)METHYL]-3-(2,2,3,3-TETRAMETHYLCYCLOPROPANE-1-CARBONYL)-1H-INDOLE-6-CARBONITRILE	-	-	Y	2b
103	1-BENZYL-N-(QUINOLIN-8-YL)-1H-INDAZOLE-3-CARBOXAMIDE	N/A	C24H18N4O; 1-Benzyl-N-(quinolin-8-yl)-1H-indazole-3-carboxamide	Y	-	-	1
104	1-BENZYL-N-(QUINOLIN-8-YL)-1H-INDOLE-3-CARBOXAMIDE	N/A	C25H19N3O; 1-benzyl-N-(quinolin-8-yl)-1H-indole-3-carboxamide	Y	-	-	1
105	1-BENZYL-N-CYCLOHEPTYL-4-OXO-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C24H26N2O2; 1-Benzyl-N-cycloheptyl-4-oxo-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
106	1-BENZYL-N-CYCLOHEXYL-7-METHOXY-4-OXO-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C24H26N2O3; 1-Benzyl-N-cyclohexyl-7-methoxy-4-oxo-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
107	1-CYCLOHEXYLETHYL-3-(2-METHOXYPHENYLACETYL)INDOLE	RCS-8	C25H29NO2; 1-[1-(2-cyclohexylethyl)indol-3-yl]-2-(2-methoxyphenyl)ethanone	Y	-	Y	1
108	1-HYDROXY-6,6-DIMETHYL-3-(2-METHYLOCTAN-2-YL)-6H-DIBENZO[B,D]PYRAN-9-CARBOXYLIC ACID	N/A	C25H32O4; 1-Hydroxy-6,6-dimethyl-3-(2-methyloctan-2-yl)-6H-dibenzo[b,d]pyran-9-carboxylic acid	-	-	Y	2b
109	1-PENTYL 3-(P-TOLYL) INDOLE	N/A	C21H23NO; (4-Methylphenyl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
110	1-PENTYL 3-BENZOYL INDOLE	N/A	C20H21NO; (1-Pentyl-1H-indol-3-yl)(phenyl)methanone	-	-	Y	2b
111	1-PENTYL-N-(QUINOLIN-8-YL)-1H-INDOLE-3-CARBOXAMIDE	N/A	C23H23N3O; 1-pentyl-N-(quinolin-8-yl)-1H-indole-3-carboxamide	Y	-	-	1
112	1H-INDOL-3-YL-(1-NAPHTHYL)METHANE	3-(1-NAPHTHYLMETHANE)INDOLE	C19H15N; 1H-Indol-3-yl-(1-naphthyl)methane	-	-	Y	2a
113	1H-INDOL-3-YL-(2-NAPHTHYL)METHANE	3-(2-NAPHTHYLMETHANE)INDOLE	1H-Indol-3-yl-(2-naphthyl)methane	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
114	2-[(1R,2R,5R)-5-HYDROXY-2-(HYDROXYMETHYL)CYCLOHEXYL]-5-(2-METHYLOCTAN-2-YL)PHENOL	US 4371720 #1-1	C22H36O3; 2-[(1R,2R,5R)-5-Hydroxy-2-(hydroxymethyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
115	2-[(1R,2S,5R)-5-HYDROXY-2-(2-HYDROXYETHYL)CYCLOHEXYL]-5-(2-METHYLOCTAN-2-YL)PHENOL	US 4371720 #1-2	C23H38O3; 2-[(1R,2S,5R)-5-Hydroxy-2-(2-hydroxyethyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
116	2-[5-HYDROXY-2-(3-HYDROXYPROPYL)PHENYL]-5-(2-METHYLOCTAN-2-YL)BENZENE-1,3-DIOL	US 2004/0087590 #25	C24H34O4; 6′-(3-Hydroxypropyl)-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2,3′,6-triol	-	-	Y	2b
117	2-{[(3-{7-CHLORO-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}-1,2,4-OXADIAZOL-5-YL)METHYL](METHYL)AMINO}ACETAMIDE	N/A	C20H24ClN5O3; 2-{[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-oxadiazol-5-yl)methyl](methyl)amino}acetamide	-	-	Y	2b
118	2-AGE	Noladin ether	C23H40O3; 2-{[(5Z,8Z,11Z,14Z)-Icosa-5,8,11,14-tetraen-1-yl]oxy}propane-1,3-diol	-	-	Y	2b
119	2-BROMOPHENYL 4-METHYL-3-(PIPERIDINE-1-SULFONYL)BENZOATE	N/A	C19H20BrNO4S; 2-Bromophenyl 4-methyl-3-(piperidine-1-sulfonyl)benzoate	-	-	Y	2b
120	2-DESMETHYL WIN 55212-2	N/A	C26H24N2O3; {(3R)-3-[(Morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
121	2-ETHOXY-N-[5-METHYL-3-(OXAN-4-YLMETHYL)-1,3-THIAZOL-2-YLIDENE]BENZAMIDE	US 2008/058335 #203	C19H24N2O3S; 2-Ethoxy-N-{5-methyl-3-[(oxan-4-yl)methyl]-1,3-thiazol-2(3H)-ylidene}benzamide	-	-	Y	2b
122	2-ETHYL-4,4-DIMETHYL-7-(2-METHYLOCTAN-2-YL)-2,4-DIHYDRO[1]BENZOPYRANO[4,3-C]PYRAZOL-9-OL	N/A	C23H34N2O2; 2-Ethyl-4,4-dimethyl-7-(2-methyloctan-2-yl)-2,4-dihydro[1]benzopyrano[4,3-c]pyrazol-9-ol	-	-	Y	2b
123	2-FLUORO-ADB	methyl 2-(1-(2-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate; 2F-ADB; 2F-MDMB-PINACA	C20H28FN3O3; methyl 2-(1-(2-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate	Y	-	-	1
124	2-FUB-007	N/A	C27H20FNO; {1-[(2-Fluorophenyl)methyl]-2-methyl-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
125	2-FUB-SDB-005	N/A	C25H17FN2O2; Naphthalen-1-yl 1-[(2-fluorophenyl)methyl]-1H-indazole-3-carboxylate	-	-	Y	2b
126	2-ME-5F-PB-22	N/A	C24H23FN2O2; Quinolin-8-yl 1-(5-fluoropentyl)-2-methyl-1H-indole-3-carboxylate	-	-	Y	2b
127	2-ME-MAM-2201	N/A	C26H26FNO; [1-(5-Fluoropentyl)-2-methyl-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
128	2-ME-XLR-11	N/A	C22H30FNO; [1-(5-Fluoropentyl)-2-methyl-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
129	2-METHYL-5-(OCTAHYDROISOQUINOLINE-2(1H)-CARBONYL)-N-(PROPAN-2-YL)BENZENE-1-SULFONAMIDE	N/A	C20H30N2O3S; 2-Methyl-5-(octahydroisoquinoline-2(1H)-carbonyl)-N-(propan-2-yl)benzene-1-sulfonamide	-	-	Y	2b
130	2-METHYL-UR-12	N/A	C27H39N3O3; 7-Methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
131	2,5,5-TRIMETHYL-8-(3-METHYLOCTAN-2-YL)-1,3,4,5-TETRAHYDRO-2H-[1]BENZOPYRANO[4,3-C]PYRIDIN-10-OL	N/A	C24H37NO2; 2,5,5-Trimethyl-8-(3-methyloctan-2-yl)-1,3,4,5-tetrahydro-2H-[1]benzopyrano[4,3-c]pyridin-10-ol	-	-	Y	2b
132	2'-BR-JWH-369	JWH-307 BROMINATED ANALOGUE; JWH-307 (bromo); [5-(2-Bromophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	C26H24BrNO; [5-(2-Bromophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
133	2'-CL-AM-694	N/A	C20H19ClFNO; (2-Chlorophenyl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	-	-	Y	2b
134	2'-ME-AM-694	1-(5-fluoropentyl)-3-(2-methylbenzoyl)indole, (1-(5-fluoropentyl)-1H-indol-3-yl)(o-tolyl)methanone; AM-694 methyl substituted for iodine	C21H22FNO; [1-(5-Fluoropentyl)-1H-indol-3-yl](2-methylphenyl)methanone	Y	Y	Y	1
135	2'-MEO-AM-694	N/A	C21H22FNO2; [1-(5-Fluoropentyl)-1H-indol-3-yl](2-methoxyphenyl)methanone	-	-	Y	2b
136	2'-METHOXY-4-(2-METHYLOCTAN-2-YL)[1,1'-BIPHENYL]-2-OL	N/A	C22H30O2; 2′-Methoxy-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2-ol	-	-	Y	2b
137	2',5'-DIMETHYL-4-(2-METHYLOCTAN-2-YL)[1,1'-BIPHENYL]-2-OL	N/A	C23H32O; 2′,5′-Dimethyl-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2-ol	-	-	Y	2b
138	2',6'-DIMETHYL-4-(2-METHYLOCTAN-2-YL)[1,1'-BIPHENYL]-2-OL	N/A	C23H32O; 2′,6′-Dimethyl-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2-ol	-	-	Y	2b
139	2F-AB-PINACA	AB-PINACA N-(2-fluoropentyl)	C18H25FN4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(2-fluoropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
140	2F-NNEI	N/A	C24H23FN2O; 1-(2-Fluoropentyl)-N-(naphthalen-1-yl)-1H-indole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
141	2F-QMPSB	2-fluoro-QMPSB	quinolin-8-yl 3-((4,4-difluoropiperidin-1-yl)sulfonyl)-4-methylbenzoate	-	Y	-	1
142	3-({4-[(METHANESULFINYL) METHYL]NAPHTHALENE-1-CARBONYL}AMINO)-6-METHOXY-N-[(OXAN-4-YL)METHYL]PYRIDINE-2-CARBOXAMIDE	N/A	C26H29N3O5S; 3-({4-[(Methanesulfinyl)methyl]naphthalene-1-carbonyl}amino)-6-methoxy-N-[(oxan-4-yl)methyl]pyridine-2-carboxam	-	-	Y	2b
143	3-(1-ADAMANTOYL)INDOLE	N/A	3-(1-Adamantoyl)indole	-	-	Y	2a
144	3-(1-NAPHTHOYL)INDOLE	N/A	3-(1-Naphthoyl)indole	-	-	Y	2a
145	3-(1-NAPHTHOYL)PYRROLE	N/A	3-(1-Naphthoyl)pyrrole	-	-	Y	3
146	3-(2-ADAMANTOYL)INDOLE	N/A	3-(2-Adamantoyl)indole	-	-	Y	2a
147	3-(2-NAPHTHOYL)INDOLE	N/A	3-(2-Naphthoyl)indole	-	-	Y	2a
148	3-(2-NAPHTHOYL)PYRROLE	3-(2-NAPHTHOYL) PYRROLE	3-(2-Naphthoyl)pyrrole	-	-	Y	2a
149	3-(2,2,3,3-TETRAMETHYLCYCLOPROPYLCARBONYL)INDOLE	N/A	3-(2,2,3,3-Tetramethylcyclopropylcarbonyl)indole	-	-	Y	2a
150	3-(4-HYDROXYMETHYLBENZOYL)-1-PENTYLINDOLE	Tai High	C21H23NO2; [4-(hydroxymethyl) phenyl]-(1-pentylindol-3-yl)methanone	Y	Y	Y	1
151	3-(5-BENZYL-1,3,4-OXADIAZOL-2-YL)-1-(2-MORPHOLIN-4-YLETHYL)-1H-INDOLE	N/A	C23H24N4O2; 4-(2-(3-(5-benzyl-1,3,4-oxadiazol-2-yl)-1H-indol-1-yl)ethyl)morpholine	Y	-	-	1
152	3-(5-BENZYL-1,3,4-OXADIAZOL-2-YL)-1-(2-PYRROLIDIN-1-YLETHYL)-1H-INDOLE	N/A	C23H24N4O; 2-benzyl-5-(1-(2-(pyrrolidin-1-yl)ethyl)-1H-indol-3-yl)-1,3,4-oxadiazole	Y	-	-	1
153	3-(P-METHOXYBENZOYL)-N-METHYLINDOLE	(4-methoxyphenyl) (1-methyl-1H-indol-3-yl)methanone; 3-(p-methoxybenzoyl)-N-methylindole; AC1MI47J; LS-91297	C17H15NO2; (4-methoxyphenyl)-(1-methylindol-3-yl)methanone	Y	Y	Y	1
154	3-CAF	N/A	C24H15FN2O2; Naphthalen-2-yl 1-(2-fluorophenyl)-1H-indazole-3-carboxylate	-	-	Y	2a
155	3-CARBOXAMIDEINDAZOLE	N/A	3-Carboxamideindazole	-	-	Y	2b
156	3-CARBOXAMIDEINDOLE	N/A	3-Carboxamideindole	-	-	Y	2a
157	3-CL-PEA	N/A	C8H10ClN; 2-(3-Chlorophenyl)ethan-1-amine	-	-	Y	2b
158	3-FLUORO-ADB	methyl 2-(1-(3-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate (3F-ADB, 3F-MDMB-PINACA)	C20H28FN3O3; methyl 2-(1-(3-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate	Y	-	-	1
159	3-PHENYLACETYLINDOLE	N/A	C16H13NO; 1-(1H-Indol-3-yl)-2-phenylethanone	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
160	3,5-AB-CHMFUPPYCA	AB-CHFUPYCA; AB-CHMFUPPYCA	C22H29FN4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(cyclohexylmethyl)-3-(4-fluorophenyl)-1H-pyrazole-5-carboxamide	Y	Y	Y	1
161	3'-METHYL-4-(3-METHYLOCTAN-2-YL)-6'-(PROPAN-2-YL)-2',3',4',5'-TETRAHYDRO[1,1'-BIPHENYL]-2,6-DIOL	N/A	C25H40O2; 3′-Methyl-4-(3-methyloctan-2-yl)-6′-(propan-2-yl)-2′,3′,4′,5′-tetrahydro[1,1′-biphenyl]-2,6-diol	-	-	Y	2b
162	3',5'-DICHLORO-4-(2-METHYL-2-OCTANYL)-2,6-BIPHENYLDIOL	US 2004/0087590 #1	C21H26Cl2O2; 3′,5′-Dichloro-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2,6-diol	-	-	Y	2b
163	3',5'-DIMETHYL-4-(2-METHYLOCTAN-2-YL)[1,1'-BIPHENYL]-2-OL	N/A	C23H32O; 3′,5′-Dimethyl-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2-ol	-	-	Y	2b
164	3',5'-DIMETHYL-4-(2-METHYLOCTAN-2-YL)[1,1'-BIPHENYL]-2,6-DIOL	N/A	C23H32O2; 3′,5′-Dimethyl-4-(2-methyloctan-2-yl)[1,1′-biphenyl]-2,6-diol	-	-	Y	2b
165	3"-ME-JWH-073	JWH-018 isopentyl isomer; N-(3-Methylbutyl)-3-(1-naphthoyl)-indole; JWH-018 N-(3-methylbutyl) isomer	C24H23NO; [1-(3-Methylbutyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	Y	-	Y	1
166	31-HEXYL-13,15-DIMETHYL-31,32,33,34,35,36-HEXAHYDRO[11,21:24,31-TERPHENYL]-22-OL	N/A	C26H36O; 31-Hexyl-13,15-dimethyl-31,32,33,34,35,36-hexahydro[11,21:24,31-terphenyl]-22-ol	-	-	Y	2b
167	3F-AMB	N/A	C19H26FN3O3; Methyl (2S)-2-{[1-(3-fluoropentyl)-1H-indazole-3-carbonyl]amino}-3-methylbutanoate	Y	-	Y	1
168	3F-MN-24	1-(3-fluoropentyl)-N-(naphthalen-1-yl)-1H-indole-3-carboxamide; 3F-NNE1; 3F-NNEI	C24H23FN2O; 1-(3-fluoropentyl)-N-(naphthalen-1-yl)-1H-indole-3-carboxamide	Y	-	-	1
169	4-(1-HEXYLCYCLOPENTYL)-3',5'-DIMETHYL[1,1'-BIPHENYL]-2-OL	N/A	C25H34O; 4-(1-Hexylcyclopentyl)-3′,5′-dimethyl[1,1′-biphenyl]-2-ol	-	-	Y	2b
170	4-(1-HEXYLCYCLOPROPYL)-3',5'-DIMETHYL[1,1'-BIPHENYL]-2-OL	N/A	C23H30O; 4-(1-Hexylcyclopropyl)-3′,5′-dimethyl[1,1′-biphenyl]-2-ol	-	-	Y	2b
171	4-{1-[(1-METHYLPIPERIDIN-2-YL)METHYL]-1H-INDOLE-3-CARBONYL}NAPHTHALENE-1-CARBONITRILE	N/A	C27H25N3O; 4-{1-[(1-Methylpiperidin-2-yl)methyl]-1H-indole-3-carbonyl}naphthalene-1-carbonitrile	-	-	Y	2b
172	4-BR-3-MA	4-Bromo-3-methoxyamphetamine	C10H14BrNO; 1-(4-Bromo-3-methoxyphenyl)propan-2-amine	-	-	Y	2b
173	4-CHLORO-N-CYCLOHEXYL-3-(PYRROLIDINE-1-SULFONYL)BENZAMIDE	N/A	C17H23ClN2O3S; 4-Chloro-N-cyclohexyl-3-(pyrrolidine-1-sulfonyl)benzamide	-	-	Y	2b
174	4-HO-UR-144	UR-144 N(4-HYDROXYPENTYL)	C21H29NO2; 1-(4-Hydroxypentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
175	4-HTMPIPO	N/A	C21H31NO2; 4-hydroxy-3,3,4-trimethyl-1-(1-pentyl-1H-indol-3-yl)-1-pentanone	Y	Y	Y	1
176	4-METHYL-3-(PIPERIDINE-1-SULFONYL)-N-(QUINOLIN-8-YL)BENZAMIDE	N/A	C22H23N3O3S; 4-Methyl-3-(piperidine-1-sulfonyl)-N-(quinolin-8-yl)benzamide	-	-	Y	2b
177	4-METHYL-N-({1-[2-(MORPHOLIN-4-YL)ETHYL]-1H-INDOL-3-YL}METHYL)ANILINE	N/A	C22H27N3O; 4-Methyl-N-({1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methyl)aniline	-	-	Y	2b
178	4-OH-ADB-CHMINACA	N/A	C21H30N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-hydroxycyclohexyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
179	4-OH-TERT-LEUCINE-ADB-CHMINACA	N/A	C21H29N3O4; (2S)-2-({1-[(4-Hydroxycyclohexyl)methyl]-1H-indazole-3-carbonyl}amino)-3,3-dimethylbutanoic acid; N-{1-[(4-Hydroxycyclohexyl)methyl]-1H-indazole-3-carbonyl}-3-methyl-L-valine	-	-	Y	2b
180	4-OXO-1-PENTYL-7-(PHENYLSULFANYL)-N-[(1S,2S,4R)-1,3,3-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-YL]-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C31H38N2O2S; 4-Oxo-1-pentyl-7-(phenylsulfanyl)-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
181	4-OXO-1-PENTYL-N-[(1S)-1,2,3,4-TETRAHYDRONAPHTHALEN-1-YL]-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C25H28N2O2; 4-Oxo-1-pentyl-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
182	4,4-DIFLUORO-1-({3-[4-(2-FLUORO-5-METHOXYPHENYL)-1H-IMIDAZOL-2-YL]PHENYL}METHYL)PIPERIDINE	N/A	C22H22F3N3O; 4,4-Difluoro-1-({3-[4-(2-fluoro-5-methoxyphenyl)-1H-imidazol-2-yl]phenyl}methyl)piperidine	-	-	Y	2b
183	4'-ET-JWH-200	N/A	C27H28N2O2; (4-Ethylnaphthalen-1-yl){1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
184	4CN-ADB	N/A	C20H26N4O3; Methyl (2S)-2-{[1-(4-cyanobutyl)-1H-indazole-3-carbonyl]amino}-3,3-dimethylbutanoate; Methyl N-[1-(4-cyanobutyl)-1H-indazole-3-carbonyl]-3-methyl-L-valinate	-	-	Y	2b
185	4F-AB-PINACA	N/A	C18H25FN4O2; N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluoropentyl)-1H-indazole-3-carboxamide	Y	-	-	1
186	4F-ADB	4F-MDMB-BINACA	C19H26FN3O3; Methyl (2S)-2-{[1-(4-fluorobutyl)-1H-indazole-3-carbonyl]amino}-3,3-dimethylbutanoate	Y	Y	Y	1
187	4F-AKB48	N/A	C22H28FN3O; N-(Adamantan-1-yl)-1-(4-fluorobutyl)-1H-indazole-3-carboxamide	-	-	Y	2b
188	4F-AMB	N/A	C19H26FN3O3; methyl (1-(4-fluoropentyl)-1H-indazole-3-carbonyl)-L-valinate	Y	-	-	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
189	4F-NNEI	4F-MN-24	C24H23FN2O; 1-(4-Fluoropentyl)-N-(naphthalen-1-yl)-1H-indole-3-carboxamide	Y	-	Y	1
190	4F-PB-22	N/A	C22H19FN2O2; Quinolin-8-yl 1-(4-fluorobutyl)-1H-indole-3-carboxylate	-	-	Y	2b
191	4F3-JWH-073	TFB-073	C23H18F3NO; (Naphthalen-1-yl)[1-(4,4,4-trifluorobutyl)-1H-indol-3-yl]methanone	-	-	Y	2b
192	4HO-AM-2201	AM2201 N-(4-hydroxypentyl) metabolite	C24H22FNO; [1-(5-Fluoro-4-hydroxypentyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
193	4Q3C	4-Quinolone-3-Carboxamide	C26H34N2O3; N-(Adamantan-1-yl)-8-methoxy-4-oxo-1-pentyl-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
194	5-(ADAMANTAN-1-YL)-2-[(1R,2R,5R)-5-(HYDROXYMETHYL)-2-(PROP-1-EN-2-YL)CYCLOHEXYL]BENZENE-1,3-DIOL	N/A	C26H36O3; 5-(Adamantan-1-yl)-2-[(1R,2R,5R)-5-(hydroxymethyl)-2-(prop-1-en-2-yl)cyclohexyl]benzene-1,3-diol	-	-	Y	2b
195	5-BR-THJ-018	5-bromopentyl JWH 018 indazole analog	C23H21BrN2O; [1-(5-Bromopentyl)-1H-indazol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
196	5-FLUORO-7-METHOXY-2-METHYL-1-[2-(MORPHOLIN-4-YL)ETHYL]-N-[(1S,2S,4R)-1,3,3-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-YL]-1H-INDOLE-3-CARBOXAMIDE	N/A	C27H38FN3O3; 5-Fluoro-7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
197	5-FLUOROPENTYL-3-PYRIDINOYLINDOLE	N/A	C19H19FN2O; [2-(5-fluoropentyl)-1H-indol-3-yl]-pyridin-2-ylmethanone	Y	Y	Y	1
198	5,3-AB-CHFUPYCA	AB-CHFUPYCA; AB-CHMFUPPYCA	C22H29FN4O2; (S)-N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-5-(4-fluorophenyl)-1H-pyrazole-3-carboxamide	-	-	Y	2a
199	5,5-DIMETHYL-8-(3-METHYLOCTAN-2-YL)-1,2,3,5-TETRAHYDRO-1,4-ETHANO[1]BENZOPYRANO[3,4-B]PYRIDIN-10-OL	N/A	C25H37NO2; 5,5-Dimethyl-8-(3-methyloctan-2-yl)-1,2,3,5-tetrahydro-1,4-ethano[1]benzopyrano[3,4-b]pyridin-10-ol	-	-	Y	2b
200	5BR-AKB48	5-bromo AKB48, N-(adamantan-1-yl)-1-(5-bromopentyl)-1H-indazole-3-carboxamide	C19H19FN2O; (1-(5-fluoropentyl)-1H-indol-3-yl)(pyridin-3-yl)methanone	Y	-	-	1
201	5BR-JWH-018	N/A	C24H22BrNO; [1-(5-Bromopentyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
202	5BR-JWH-122	N/A	C25H24BrNO; [1-(5-Bromopentyl)-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone	-	-	Y	2b
203	5BR-UR-144	5-Bromopentyl UR-144; UR-144 N-(5-bromopentyl)	C21H28BrNO; [1-(5-Bromopentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	Y	-	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
204	5C-AKB48	5Cl-AKB48; 5C-APINACA	C23H30ClN3O; N-(Adamantan-1-yl)-1-(5-chloropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
205	5CL-AB-PINACA	N/A	C18H25ClN4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(5-chloropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
206	5CL-AM-694	N/A	C20H19ClINO; [1-(5-Chloropentyl)-1H-indol-3-yl](2-iodophenyl)methanone	Y	Y	Y	1
207	5CL-CUMYL-PEGACLONE	N/A	C25H27ClN2O; 5-(5-chloropentyl)-2-(2-phenylpropan-2-yl)-2,5-dihydro-1H-pyrido[4,3-b]indol-1-one	Y	-	-	1
208	5CL-JWH-018	N/A	C24H22ClNO; [1-(5-Chloropentyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
209	5CL-JWH-122	N/A	C25H24ClNO; [1-(5-Chloropentyl)-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone	Y	Y	Y	1
210	5CL-MDMB-PINACA	Cl-ADB	C20H28ClN3O3; Methyl (2S)-2-{[1-(5-chloropentyl)-1H-indazole-3-carbonyl]amino}-3,3-dimethylbutanoate	Y	Y	Y	1
211	5CL-NNE1	5Cl-NNEI	C24H23ClN2O; 1-(5-Chloropentyl)-N-(naphthalen-1-yl)-1H-indole-3-carboxamide	Y	-	Y	1
212	5CL-THJ-018	5-chloropentyl JWH 018 indazole analogue	C23H21ClN2O; [1-(5-Chloropentyl)-1H-indazol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
213	5CL-UR-144	UR-144 N-(5-chloropentyl) derivative	C21H28ClNO; [1-(5-Chloropentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1
214	5CN-UR-144	N/A	C21H26N2O; 5-[3-(2,2,3,3-Tetramethylcyclopropane-1-carbonyl)-1H-indol-1-yl]pentanenitrile	-	-	Y	2b
215	5F-3,5-AB-PFUPPYCA	N/A	C20H26F2N4O2; N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-3-(4-fluorophenyl)-1H-pyrazole-5-carboxamide	Y	Y	Y	1
216	5F-3,5-ADB-PFUPPYCA	N/A	C21H28F2N4O2; N-(1-Amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-3-(4-fluorophenyl)-1H-pyrazole-5-carboxamide	-	-	Y	2b
217	5F-AB-2PINACA	N/A	C18H25FN4O2: N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-2-(5-fluoropentyl)-2H-indazole-3-carboxamide	-	-	Y	2b
218	5F-AB-FUPPYCA	AZ-037	C20H26F2N4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(5-fluoropentyl)-5-(4-fluorophenyl)-1H-pyrazole-3-carboxamide	Y	Y	Y	1
219	5F-AB-P7AICA	N/A	C18H25FN4O2; N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoro- pentyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	-	Y	-	1
220	5F-AB-PICA	5F-ABICA; 5F-AMBICA	C19H26FN3O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(5-fluoropentyl)-1H-indole-3-carboxamide	Y	Y	Y	1
221	5F-AB-PINACA	N/A	C18H25FN4O2; N-[(2S)-1-amino-3-methyl-1-oxobutan-2-yl]-1-(5-fluoropentyl)indazole-3-carboxamide	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
222	5F-ADB-PICA	5F-ADBICA	C20H28FN3O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(5-fluoropentyl)-1H-indole-3-carboxamide	Y	Y	Y	1
223	5F-ADB-PINACA	N/A	C19H27FN4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
224	5F-AEB	N/A	C20H28FN3O3; Ethyl (2S)-2-{[1-(5-fluoropentyl)-1H-indazole-3-carbonyl]amino}-3-methylbutanoate	Y	-	Y	1
225	5F-AKB-48-7N	5F-7-APAICA; 5F-A-P7AICA	C23H30FN3O; N-(Adamantan-1-yl)-1-(5-fluoropentyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	-	Y	Y	1
226	5F-AKB-57	N/A	C23H29FN2O2; Adamantan-1-yl 1-(5-fluoropentyl)-1H-indazole-3-carboxylate	Y	Y	Y	1
227	5F-AKB48	5F-AKB48; 5F-AKB-48; 5F-APINACA: AKB-48F	C23H30FN3O; N-(Adamantan-1-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
228	5F-AMPPPCA	D-DOFC; (+)-5F-Dioxolane-C; (+)-FDOC	C26H34FN3O; N-(Adamantan-1-yl)-1-(5-fluoropentyl)-4-methyl-5-phenyl-1H-pyrazole-3-carboxamide	-	-	Y	2a
229	5F-APP-PICA	PX-1; SRF-30	C23H26FN3O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-(5-fluoropentyl)-1H-indole-3-carboxamide	Y	Y	Y	1
230	5F-APP-PINACA	PPA(N)-2201; FU-PX; PX-2	C22H25FN4O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
231	5F-CHP-PINACA	SGT-74	C20H28FN3O; N-Cycloheptyl-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b
232	5F-CPM-PINACA	N/A	C19H26FN3O; N-(Cyclopentylmethyl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b
233	5F-CUMYL-PEGACLONE	N/A	C25H27FN2O; 5-(5-Fluoropentyl)-2-(2-phenylpropan-2-yl)-2,5-dihydro-1H-pyrido[4,3-b]indol-1-one	Y	Y	Y	1
234	5F-CYP-PINACA	N/A	C17H22FN3O; N-(Cyclopropylmethyl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b
235	5F-CYPPICA	N/A	C18H23FN2O; N-(Cyclopropylmethyl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide	-	-	Y	2b
236	5F-EDMB-PINACA	N/A	C21H30FN3O3; ethyl (S)-2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate	Y	Y	Y	1
237	5F-EMB-PICA	N/A	C21H29FN2O3; Ethyl (2S)-2-{[1-(5-fluoropentyl)-1H-indole-3-carbonyl]amino}-3-methylbutanoate; Ethyl N-[1-(5-fluoropentyl)-1H-indole-3-carbonyl]-L-valinate	-	-	Y	2b
238	5F-EMB-PINACA	N/A	C20H28FN3O3; ethyl (1-(5-fluoropentyl)-1H-indazole-3-carbonyl)-L-valinate	Y	Y	Y	1
239	5F-IPBN-P7AICA	N/A	C23H28FN3O; 1-(5-Fluoropentyl)-N-(2-methyl-1-phenylpropyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	-	-	Y	2b
240	5F-MDA-19-AD	N/A	C24H30FN3O2; N′-[1-(5-Fluoropentyl)-2-oxo-1,2-dihydro-3H-indol-3-ylidene]adamantane-1-carbohydrazide	-	-	Y	2b
241	5F-MDA-19-TMCP	N/A	C21H28FN3O2; N′-[1-(5-Fluoropentyl)-2-oxo-1,2-dihydro-3H-indol-3-ylidene]-2,2,3,3-tetramethylcyclopropane-1-carbohydrazide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
242	5F-MDMB-2201	N/A	C22H29FN4O2; methyl 2-(1-(5-fluoropentyl)-1h-indol-3-carboxamido)-3,3-dimethylbutanoate	-	-	Y	2a
243	5F-MDMB-P4AICA	N/A	C20H28FN3O3; methyl 2-(1-(5-fluoropentyl)-1H-pyrrolo[3,2-b]pyridine-3-carboxamido)-3,3-dimethylbutanoate	Y	-	Y	1
244	5F-MDMB-P7AICA	FLASH; JAMAICAN GOLD EXTREME; K2 BLACK E	C20H28FN3O3; methyl (S)-2-(1-(5-fluoropentyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamido)-3,3-dimethylbutanoate	Y	Y	Y	1
245	5F-MDMB-PICA	N/A	C21H29FN2O3; N-[[1-(5-fluoropentyl)-1H-indol-3-yl]carbonyl]-3-methyl-L-valine, methyl ester	Y	Y	Y	1
246	5F-MDMB-PINACA	5F-ADB; DIMENSION; JOINT - PREROLLED TAB	C20H28FN3O3; methyl-[2-(1-(5-fluoropentyl)-1H-pyrrolo[3;2-b]pyridine-3-carboxamido)-3;3-dimethylbutanoate]; methyl 2-[[1-(5-fluoropentyl)pyrrolo[3;2-b]pyridine-3-carbonyl]amino]-3;3-dimethyl-butanoate	Y	Y	Y	1
247	5F-MMB-PICA	I-AMB; 5F-AMB-PICA; MMB-2201	C20H27FN2O3; Methyl (2S)-2-{[1-(5-fluoropentyl)-1H-indole-3-carbonyl]amino}-3-methylbutanoate	Y	Y	Y	1
248	5F-MMB-PINACA	5F-AMB-PINACA; 5F-AMB	C19H26FN3O3; Methyl (2S)-2-{[1-(5-fluoropentyl)-1H-indazole-3-carbonyl]amino}-3-methylbutanoate	Y	Y	Y	1
249	5F-MN-18	N/A	C23H22FN3O; N-1-naphtalenyl-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
250	5F-MPP-PICA	MPHP-2201	C24H27FN2O3; Methyl (2S)-2-{[1-(5-fluoropentyl)-1H-indole-3-carbonyl]amino}-3-phenylpropanoate; Methyl N-[1-(5-fluoropentyl)-1H-indole-3-carbonyl]-L-phenylalaninate	Y	Y	Y	1
251	5F-MPP-PINACA	N/A	C23H26FN3O3; Methyl (2S)-2-{[1-(5-fluoropentyl)-1H-indazole-3-carbonyl]amino}-3-phenylpropanoate	-	-	Y	2b
252	5F-MSB-PINACA	N/A	C20H28FN3O3; Methyl (2S)-2-{[1-(5-fluoropentyl)-1H-indazole-3-carbonyl]amino}-3-methylpentanoate	-	-	Y	2b
253	5F-NNE1	5F-MN-24; 5F-NNEI	C24H23FN2O; 1-(5-Fluoropentyl)-N-(naphthalen-1-yl)-1H-indole-3-carboxamide	Y	-	Y	1
254	5F-NNE1-2	5F-NNEI-2; AM-6527 (N-5-FLUOROPENTYL)	C24H23FN2O; 1-(5-Fluoropentyl)-N-(naphthalen-2-yl)-1H-indole-3-carboxamide	Y	Y	Y	1
255	5F-NPB-22-7N	7N-5F-PB-22	C22H20FN3O2; Quinolin-8-yl 1-(5-fluoropentyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxylate	-	-	Y	2a
256	5F-PB-22	5-INPB-22	C23H21FN2O2; 1-pentyfluoro-1H-indole-3-carboxylic acid 8-quinolinyl ester	Y	Y	Y	1
257	5F-PB-22 AMIDE	N/A	C23H22FN3O; 1-(5-Fluoropentyl)-N-(quinolin-8-yl)-1H-indole-3-carboxamide	-	-	Y	2b
258	5F-PB-22 INDAZOLE ANALOGUE	QCBL(N)2201; 5F NPB-22; 5F-inpb-22	C22H20FN3O2; Quinolin-8-yl 1-(5-fluoropentyl)-1H-indazole-3-carboxylate	Y	Y	Y	1
259	5F-PB-22-3Q	N/A	C23H21FN2O2; Quinolin-3-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
260	5F-PB-22-4IQ	N/A	C23H21FN2O2; Isoquinolin-4-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
261	5F-PB-22-4Q	N/A	C23H21FN2O2; Quinolin-4-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
262	5F-PB-22-5IQ	N/A	C23H21FN2O2; Isoquinolin-5-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
263	5F-PB-22-5Q	N/A	C23H21FN2O2; Quinolin-5-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
264	5F-PB-22-6IQ	N/A	C23H21FN2O2; Isoquinolin-6-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
265	5F-PB-22-6Q	N/A	C23H21FN2O2; Quinolin-6-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
266	5F-PB-22-7IQ	N/A	C23H21FN2O2; Isoquinolin-7-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
267	5F-PB-22-7Q	N/A	C23H21FN2O2; Quinolin-7-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
268	5F-PB-22-8IQ	N/A	C23H21FN2O2; Isoquinolin-8-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	-	-	Y	2b
269	5F-PC6N	N/A	C23H22FN3O; 1-(5-Fluoropentyl)-N-(naphthalen-1-yl)-1H-pyrrolo[2,3-c]pyridine-3-carboxamide	-	-	Y	2b
270	5F-PCN	5-F-MN-21;	C23H22FN3O; 1-(5-Fluoropentyl)-N-(naphthalen-1-yl)-1H-pyrrolo[3,2-c]pyridine-3-carboxamide	Y	-	Y	1
271	5F-PNI-D	N/A	C20H18Cl2FNO; (2,3-Dichlorophenyl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	-	-	Y	2b
272	5F-PY-PICA	5-fluoro PY-PICA	C18H23FN2O; (1-(5-fluoropentyl)-1H-indol-3-yl)(pyrrolidin-1-yl)methanone	Y	Y	Y	1
273	5F-PY-PINACA	N/A	C17H22FN3O; [1-(5-Fluoropentyl)-1H-indazol-3-yl](pyrrolidin-1-yl)methanone	Y	Y	Y	1
274	5F-SDB-005	CBL(N)2201	C23H21FN2O2; naphthalen-1-yl 1-(5-fluoropentyl)-1H-indazole-3-carboxylate	Y	Y	Y	1
275	5F-SDB-006	N/A	C21H23FN2O; N-benzyl-1-(5-fluoropentyl)-1H-indole-3-carboxamide	Y	Y	Y	1
276	5F-THFM-PINACA	N/A	C18H24FN3O2; 1-(5-Fluoropentyl)-N-[(oxolan-2-yl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
277	5F-THJ	N/A	C22H21FN4O; 1-(5-Fluoropentyl)-N-(quinolin-8-yl)-1H-indazole-3-carboxamide	Y	-	Y	1
278	5I-JWH-122	N/A	C25H24INO; [1-(5-Iodopentyl)-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone	-	-	Y	2b
279	5OH-UR-144	(5-Hydroxypentyl) UR-144; UR-144 N-(5-hydroxypentyl)	C21H29NO2; [1-(5-Hydroxypentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2a
280	6-(1-{3-HYDROXY-4-[(2S)-4,6,6-TRIMETHYLBICYCLO[3.1.1]HEPT-3-EN-2-YL]PHENYL}CYCLOPENTYL)HEXANENITRILE	N/A	C27H37NO; 6-(1-{3-Hydroxy-4-[(2S)-4,6,6-trimethylbicyclo[3.1.1]hept-3-en-2-yl]phenyl}cyclopentyl)hexanenitrile	-	-	Y	2b
281	6-{[(OXAN-4-YL)METHYL]CARBAMOYL}-5-({4-[(1H-1,2,3-TRIAZOL-1-YL)METHYL]NAPHTHALENE-1-CARBONYL}AMINO)PYRIDIN-2-YL 3,3,3-TRIFLUOROPROPANE-1-SULFONATE	N/A	C29H29F3N6O6S; 6-{[(Oxan-4-yl)methyl]carbamoyl}-5-({4-[(1H-1,2,3-triazol-1-yl)methyl]naphthalene-1-carbonyl}amino)pyridin-2-yl 3,3,3-trifluoropropane-1-sulfonate	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
282	6-BROMO-4-OXO-1-PENTYL-N-[(1S,2S,4R)-1,3,3-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-YL]-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C25H33BrN2O2; 6-Bromo-4-oxo-1-pentyl-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
283	6-IODOPRAVADOLINE	AM-630	C23H25IN2O3; {6-Iodo-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}(4-methoxyphenyl)methanone	-	-	Y	2b
284	6-ME-JWH-200	N/A	C26H26N2O2; {6-Methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
285	6-MEO-JWH-018	N/A	C25H25NO2; (6-Methoxy-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2a
286	6-METHOXY-5-[2-(MORPHOLIN-4-YL)ETHYL]-2-[(1S,2S,4R)-1,3,3-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-YL]-2,5-DIHYDRO-1H-PYRIDO[4,3-B]INDOL-1-ONE	N/A	C28H37N3O3; 6-Methoxy-5-[2-(morpholin-4-yl)ethyl]-2-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-2,5-dihydro-1H-pyrido[4,3-b]indol-1-one	-	-	Y	2b
287	6,6,9-TRIMETHYL-3-PENTYL-7,8,9,10-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-AMINE	N/A	C21H31NO; 6,6,9-Trimethyl-3-pentyl-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-amine	-	-	Y	2b
288	6F-AB-HINACA	N/A	C19H27FN4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(6-fluorohexyl)-1H-indazole-3-carboxamide	-	-	Y	2b
289	6F-JWH-019	N/A	C25H24FNO; [1-(6-Fluorohexyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
290	7-FLUORO-4-OXO-1-PENTYL-N-[(1S,2S,4R)-1,3,3-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-YL]-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C25H33FN2O2; 7-Fluoro-4-oxo-1-pentyl-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
291	7-METHOXY-1-[2-(MORPHOLIN-4-YL)ETHYL]-N-(2,2,6,6-TETRAMETHYLCYCLOHEXYL)-1H-INDOLE-3-CARBOXAMIDE	N/A	C26H39N3O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-(2,2,6,6-tetramethylcyclohexyl)-1H-indole-3-carboxamide	-	-	Y	2b
292	7-METHOXY-1-[2-(MORPHOLIN-4-YL)ETHYL]-N-[(2R)-1-PHENYLPROPAN-2-YL]-1H-INDOLE-3-CARBOXAMIDE	N/A	C25H31N3O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-[(2R)-1-phenylpropan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
293	7-METHOXY-2-METHYL-1-[2-(MORPHOLIN-4-YL)ETHYL]-N-(2,2,6,6-TETRAMETHYLCYCLOHEXYL)-1H-INDOLE-3-CARBOXAMIDE	N/A	C27H41N3O3; 7-Methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-N-(2,2,6,6-tetramethylcyclohexyl)-1H-indole-3-carboxamide	-	-	Y	2b
294	7'-MEO-NABUTIE	7'-methoxy NABUTIE	C25H25NO2; 1-(1-Butyl-7-methoxy-1H-indol-3-yl)-2-(naphthalen-1-yl)ethan-1-one	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
295	7N-AB-FUBINACA	N/A	C20H21FN4O2: N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	-	-	Y	2b
296	7N-THJ-2201	N/A	C23H21FN2O; [1-(5-Fluoropentyl)-1H-pyrrolo[2,3-b]pyridin-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
297	9-(HYDROXYMETHYL)-6,6-DIMETHYL-3-(2-METHYLOCTAN-2-YL)-6H-DIBENZO[B,D]PYRAN-1-OL	N/A	C25H34O3; 9-(Hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
298	9-METHYL-3-(3-METHYLOCTAN-2-YL)-7,8,9,10-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-1-OL	N/A	C23H34O2; 9-Methyl-3-(3-methyloctan-2-yl)-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
299	9B-OH-9-NHHC	9-Nor-9β-hydroxyhexa-hydrocannabinol	C20H30O3; (6aR,9R,10aR)-6,6-Dimethyl-3-pentyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1,9-diol	-	-	Y	2b
300	A-40174	N/A	C26H37NO2; 5,5-Dimethyl-8-(3-methyloctan-2-yl)-2-(prop-2-yn-1-yl)-1,3,4,5-tetrahydro-2H-[1]benzopyrano[4,3-c]pyridin-10-ol	-	-	Y	2b
301	A-41988	BW29Y	C28H32FNO2; 8-[5-(4-Fluorophenyl) pentan-2-yl]-5,5-dimethyl-2-(prop-2-yn-1-yl)-1,3,4,5-tetrahydro-2H-[1]benzopyrano [4,3-c]pyridin-10-ol	-	-	Y	2b
302	A-796,260	N/A	C22H30N2O2; [1-(2-morpholin-4-ylethyl)-1H-indol-3-yl]-(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1
303	A-796,260 OPEN CHAIN ISOMER	A-796, 260 isomer	C22H30N2O2; (E)-3,4,4-trimethyl-1-(1-(2-morpholinoethyl)-1H-indol-3-yl)pent-2-en-1-one	Y	Y	Y	1
304	A-834,735	N/A	C22H29NO2; {1-[(Oxan-4-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1
305	A-836,339	N/A	C16H26N2O2S; N-[3-(2-Methoxyethyl)-4,5-dimethyl-1,3-thiazol-2(3H)-ylidene]-2,2,3,3-tetramethylcyclopropane-1-carboxamide	Y	Y	Y	1
306	AB-002	N/A	C25H33NO; 2-(Adamantan-1-yl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2b
307	AB-005	N/A	C23H32N2O; {1-[(1-Methylpiperidin-2-yl)methyl]-1H-indol-3-yl}(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1
308	AB-034	N/A	C23H32N2O; [1-[(N-methylpiperidin-2-yl)methyl]-1H-indole-3-yl]-(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2a
309	AB-2CHMINACA	ZINC299817316	C20H28N4O2: N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-2-(cyclohexylmethyl)-2H-indazole-3-carboxamide	Y	-	Y	1
310	AB-2FUBINACA	(2H- indazole) AB-FUBINACA; AB-2-FUBINACA	C20H21FN4O2: N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-2-[(4-fluorophenyl)methyl]-2H-indazole-3-carboxamide	-	-	Y	2b
311	AB-2PINACA	N/A	C18H26N4O2: N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-2-pentyl-2H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
312	AB-BICA	N/A	C21H23N3O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-benzyl-1H-indole-3-carboxami	-	-	Y	2a
313	AB-CHMICA	N/A	C21H29N3O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(cyclohexylmethyl)-1H-indole-3-carboxamide	Y	-	Y	1
314	AB-CHMINACA	N/A	C20H28N4O2; N-(1-AMINO-3-METHYL-1-OXOBUTAN-2-YL)-1-(CYCLOHEXYLMETHYL)-1H-INDAZOLE-3-CARBOXAMIDE	Y	Y	Y	1
315	AB-FUBICA	N/A	C21H22FN3O2: N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indole-3-carboxamide	-	-	Y	2a
316	AB-FUBINACA	Ab-fubi; Ab-fubi;AB-FUBINACA	C20H21FN4O2; N-[(1S)-1-(Aminocarbonyl)-2-methylpropyl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	Y	Y	Y	1
317	AB-FUBINACA 2-FLUOROBENZYL ISOMER	N/A	C20H21FN4O2; N-[(1S)-1-(aminocarbonyl)-2-methylpropyl]-1-[(2-fluorophenyl)methyl]-1H-indazole-3-carboxamide	Y	Y	Y	1
318	AB-FUBINACA 3-FLUOROBENZYL ISOMER	N/A	C20H21FN4O2; (S)-N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(3-fluorobenzyl)-1H-indazole-3-carboxamide	Y	-	-	1
319	AB-FUBINACA-COOH	N/A	C20H20FN3O3; (2S)-2-({1-[(4-Fluorophenyl)methyl]-1H-indazole-3-carbonyl}amino)-3-methylbutanoic acid	-	-	Y	2b
320	AB-HINACA HEXENYL	N/A	C19H26N4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(hex-5-en-1-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
321	AB-PICA	N/A	C19H27N3O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-pentyl-1H-indole-3-carboxamide	Y	-	Y	1
322	AB-PINACA	N/A	C18H26N4O2; N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide	Y	Y	Y	1
323	AB-PINACA PENTENYL	N/A	C18H24N4O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(pent-4-en-1-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
324	AB-PINACA-COOH	N-(1-Pentyl-1H-indazole-3-carbonyl)-L-va	C18H25N3O3; (2S)-3-Methyl-2-[(1-pentyl-1H-indazole-3-carbonyl)amino]butanoic acid	-	-	Y	2a
325	ACPA	Arachidonylcyclo-propylamide	C23H37NO; (5Z,8Z,11Z,14Z)-N-Cyclopropylicosa-5,8,11,14-tetraenamide	-	-	Y	2a
326	AD-CHM	N/A	C26H33NO; (Adamantan-1-yl)[1-(cyclohexylmethyl)-1H-indol-3-yl]methanone	-	-	Y	2b
327	AD-ME	N/A	C25H32N2O2; (Adamantan-1-yl){1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
328	AD-THPM	N/A	C25H31NO2; (Adamantan-1-yl){1-[(oxan-4-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
329	ADB-BICA	N/A	C22H25N3O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-benzyl-1H-indole-3-carboxamide	-	-	Y	2a
330	ADB-BINACA	N/A	C21H24N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-benzyl-1H-indazole-3-carboxamide	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
331	ADB-CHMICA	N/A	C22H31N3O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(cyclohexylmethyl)-1H-indole-3-carboxamide	Y	Y	Y	1
332	ADB-CHMINACA	MAB-CHMINACA	C21H30N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(cyclohexylmethyl)indazole-3-carboxamide	Y	Y	Y	1
333	ADB-FUBICA	N/A	C22H24FN3O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indole-3-carboxamide	Y	-	Y	1
334	ADB-FUBINACA	N/A	C21H23FN4O2; 2-[2-[1-[(4-fluorophenyl)methyl]indazol-3-yl]-2-oxo-ethyl]-3;3-dimethyl-butanamide	Y	Y	Y	1
335	ADB-PINACA	N/A	C19H28N4O2; N-(1-Amino-3,3-dimethyl-1-oxo-2-butanyl)-1-pentyl-1H-indazole-3-carboxamide	Y	Y	Y	1
336	ADB-PINACA (ISOMER 1)	N/A	C19H28N4O2; N-[(2S)-1-Amino-2,3-dimethyl-1-oxobutan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2a
337	ADB-PINACA (ISOMER 2)	N/A	C19H28N4O2; N-[(2S,3S)-1-Amino-3-methyl-1-oxopentan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2a
338	ADB-PINACA (ISOMER 3)	N/A	C19H28N4O2; N-[(2S)-1-Amino-1-oxohexan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2a
339	ADBICA	1445583-48-1	C20H29N3O2 N-(1-Amino-3,3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indole-3-carboxamide	Y	Y	Y	1
340	ADSB-FUB-187	N/A	C26H31ClFN5O4S; 7-Chloro-N-[(2S)-1-({2-[(cyclopropanesulfonyl)amino]ethyl}amino)-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	Y	-	Y	1
341	AFUBINACA	FUB-APINACA; FUB-AKB48	C25H26FN3O N-(Adamantan-1-yl)-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	Y	Y	Y	1
342	AKB-57	N/A	C23H30N2O2; adamantan-1-yl 1-pentyl-1H-indazole-3-carboxylate	Y	Y	Y	1
343	AKB-N1	N/A	C25H34N4O; N-(Adamantan-1-yl)-1-[2-(piperidin-1-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
344	ALICB-122	N/A	C25H32N2O2; N-(Adamantan-1-yl)-4-oxo-1-pentyl-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
345	AM-087	N/A	C23H33BrO2: (6aR,10aR)-3-(6-Bromo-2-methylhexan-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
346	AM-1116	N/A	C24H41NO2; (2R,5Z,8Z,11Z,14Z)-N-[(2R)-1-Hydroxypropan-2-yl]-2-methylicosa-5,8,11,14-tetraenamide	-	-	Y	2b
347	AM-11542	N/A	C25H37BrO2; (6aR,10aR)-3-(8-Bromo-2-methyloctan-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
348	AM-1172	N/A	C27H39NO2; 4-Hydroxy-N-[(5Z,8Z,11Z,14Z)-icosa-5,8,11,14-tetraen-1-yl]benzamide	Y	-	Y	1
349	AM-1218	N/A	C26H25N3O3; {1-[(1-Methylpiperidin-2-yl)methyl]-6-nitro-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
350	AM-1220	N/A	C26H26N2O; (R)-(1-((1-methylpiperidin-2-yl)methyl)-1H-indol-3-yl)(naphthalen-1-yl)methanone	Y	Y	Y	1
351	AM-1221	N/A	C27H27N3O3; {2-Methyl-1-[(1-methylpiperidin-2-yl)methyl]-6-nitro-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2a
352	AM-1230	N/A	C24H21FINO; [1-(5-Fluoropentyl)-6-iodo-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
353	AM-1235	N/A	C24H21FN2O3; [1-(5-Fluoropentyl)-6-nitro-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
354	AM-1241	N/A	C22H22IN3O3; (2-Iodo-5-nitrophenyl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	Y	-	Y	1
355	AM-1248	N/A	C26H34N2O; 1-[(N-methylpiperidin-2-yl)methyl]-3-(adamant-1-oyl)indole	Y	Y	Y	1
356	AM-1248 AZEPANE ISOMER	N/A	C26H34N2O; adamantan-1-yl(1-(1-methylazepan-3-yl)-1H-indol-3-yl)methanone	Y	Y	Y	1
357	AM-1253	N/A	C32H28N2O; {1-[(1-Methylpiperidin-2-yl)methyl]-1H-indol-3-yl}(pyren-1-yl)methanone	-	-	Y	2b
358	AM-1256	N/A	C27H30N2O; [4-(Dimethylamino)naphthalen-1-yl](2-methyl-1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
359	AM-1288	N/A	C23H20INO; [1-(4-Iodobutyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
360	AM-1292	N/A	C22H18INO; [1-(4-Iodobutyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
361	AM-1295	N/A	C23H20FNO; [1-(4-Fluorobutyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
362	AM-1299	N/A	C26H25N3O3; {1-[(1-Methylpiperidin-2-yl)methyl]-1H-indol-3-yl}(4-nitronaphthalen-1-yl)methanone	-	-	Y	2b
363	AM-1714	N/A	C22H26O4; 1,9-Dihydroxy-3-(2-methyloctan-2-yl)-6H-dibenzo[b,d]pyran-6-one	-	-	Y	2b
364	AM-2201	N/A	C24H22FNO; 1-[(5-Fluoropentyl)-1H-indol-3-yl]-(naphthalen-1-yl)methanone	Y	Y	Y	1
365	AM-2201 N-(4-FLUOROPENTYL)	N/A	C24H22FNO; (1-(4-fluoropentyl)-1H-indol-3-yl)(naphthalen-1-yl)methanone	Y	-	-	1
366	AM-2202	JWH-018 N-(5-hydroxypentyl) ; JWH-018 (5-HO)	C24H23NO2; [1-(5-Hydroxypentyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	Y	-	Y	1
367	AM-2203	N/A	C24H22INO; [1-(5-Iodopentyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
368	AM-2210	N/A	C23H19IN2O3; [1-(4-Iodobutyl)-1H-indol-3-yl](4-nitronaphthalen-1-yl)methanone	-	-	Y	2b
369	AM-2225	N/A	C21H21FINO; [1-(5-Fluoropentyl)-2-methyl-1H-indol-3-yl](2-iodophenyl)methanone	-	-	Y	2b
370	AM-2231	N/A	C24H19N3O3; 5-[3-(Naphthalene-1-carbonyl)-6-nitro-1H-indol-1-yl]pentanenitrile	-	-	Y	2b
371	AM-2232	N/A	C24H20N2O; 5-[3-(Naphthalene-1-carbonyl)-1H-indol-1-yl]pentanenitrile	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
372	AM-2233	N/A	C22H23IN2O; (2-iodophenyl)[1-[(1-methyl-2-piperidinyl)methyl]-1H-indol-3-yl]-methanone	Y	Y	Y	1
373	AM-2233 AZEPANE ISOMER	AM2233 azepane isomer; GSXZMBIYSUZVEW-UH	C22H23IN2O (2-Iodophenyl)[1-(1-methylazepan-3-yl)-1H-indol-3-yl]methanone	-	-	Y	2a
374	AM-2389	N/A	C25H38O3; (6aR,9R,10aR)-3-(1-Hexylcyclobutyl)-6,6-dimethyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1,9-diol	-	-	Y	2b
375	AM-251	N/A	C22H21Cl2IN4O; 1-(2,4-dichlorophenyl)-5-(4-iodophenyl)-4-methyl- N-(1-piperidyl)pyrazole-3-carboxamide	-	-	Y	2a
376	AM-281	N/A	C21H19Cl2IN4O2; 1-(2,4-Dichlorophenyl)-5-(4-iodophenyl)-4-methyl-N-(morpholin-4-yl)-1H-pyrazole-3-carboxamide	-	-	Y	2a
377	AM-4030	N/A	C27H42O4; (6S,6aR,9R,10aR)-9-(Hydroxymethyl)-6-[(1E)-3-hydroxyprop-1-en-1-yl]-6-methyl-3-(2-methyloctan-2-yl)-6a,7,8,9,10,10a-hexahydro-6H-dibenzo [b,d]pyran-1-ol	-	-	Y	2b
378	AM-404	N-Arachidonoylamino-phenol	C26H37NO2; (5Z,8Z,11Z,14Z)- N-(4-Hydroxyphenyl)icosa- 5,8,11,14-tetraenamide	-	-	Y	2b
379	AM-4054	N/A	C26H36O3; (6aR,10aR)-3-(Adamantan-1-yl)-9-(hydroxymethyl)-6,6-dimethyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
380	AM-4056	HU-243	C25H40O3; (6aR,9R,10aR)-9-(Hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
381	AM-407	N/A	C26H38O2; (6aR,10aR)-6,6,9-Trimethyl-3-[(1s,4R)-1-methyl-4-propylcyclohexyl]-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
382	AM-411	N/A	C26H34O2; (6aR,10aR)-3-(Adamantan-1-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
383	AM-6527	NNE1; NNEI; MN-24; JWH-018 carboxamide derivative	C24H24N2O; N-1-naphthalenyl-1-pentyl-1H-indole-3-carboxamide	Y	Y	Y	1
384	AM-6545	N/A	C26H23Cl2N5O3S; 5-[4-(4-Cyanobut-1-yn-1-yl)phenyl]-1-(2,4-dichlorophenyl)-N-(1,1-dioxo-1λ6-thiomorpholin-4-yl)-4-methyl-1H-pyrazole-3-carboxamide	-	-	Y	2b
385	AM-664	N/A	C23H24IN3O3; (2-Iodophenyl){2-methyl-1-[(1-methylpiperidin-2-yl)methyl]-6-nitro-1H-indol-3-yl}methanone	-	-	Y	2b
386	AM-669	N/A	C21H22INO; (2-Iodophenyl)(2-methyl-1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
387	AM-679	AM XIAO; AM-694-F	C20H20INO; (2-Iodophenyl)(1-pentyl-1H-indol-3-yl)methanone	Y	Y	Y	1
388	AM-682	N/A	C22H24INO; (1-Hexyl-2-methyl-1H-indol-3-yl)(2-iodophenyl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
389	AM-683	N/A	C20H20INO; (1-Butyl-2-methyl-1H-indol-3-yl)(2-iodophenyl)methanone	-	-	Y	2b
390	AM-694	N/A	C20H19FINO; 1-[(5-fluoropentyl)-1H-indol-3-yl]-(2-iodophenyl)methanone	Y	Y	Y	1
391	AM-694 INDAZOLE ANALOGUE	N/A	C19H18FIN2O; [1-(5-Fluoropentyl)-1H-indazol-3-yl](2-iodophenyl)methanone	-	-	Y	2b
392	AM-729	N/A	C27H36O2; (6aR,10aR)-3-[(Adamantan-1-yl)methyl]-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
393	AM-732	N/A	C26H36O2; (6aR,10aR)-6,6,9-Trimethyl-3-(1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
394	AM-852	N/A	C26H37NO2; (5Z,8Z,11Z,14Z)-N-(2-Hydroxyphenyl)icosa-5,8,11,14-tetraenamide	-	-	Y	2b
395	AM-855	N/A	C26H38O2; (4aR,12bR)-8-Hexyl-2,5,5-trimethyl-1,4a,5,8,9,10,11,12b-octahydro-4H-benzo[d]naphtho[2,3-b]pyran-12-ol	-	-	Y	2b
396	AM-881	ACEA	C22H36ClNO; (5Z,8Z,11Z,14Z)-N-(2-Chloroethyl)icosa-5,8,11,14-tetraenamide	-	-	Y	2b
397	AM-883	N/A	C23H37NO; (5Z,8Z,11Z,14Z)-N-(Prop-2-en-1-yl)icosa-5,8,11,14-tetraenamide	-	-	Y	2b
398	AM-905	N/A	C23H34O3; (6aR,9R,10aR)-3-[(1E)-Hept-1-en-1-yl]-9-(hydroxymethyl)-6,6-dimethyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
399	AM-906	N/A	C23H34O3; (6aR,9R,10aR)-3-[(1Z)-Hept-1-en-1-yl]-9-(hydroxymethyl)-6,6-dimethyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
400	AM-919	N/A	C27H44O4; (6S,6aR,9R,10aR)-9-(Hydroxymethyl)-6-(3-hydroxypropyl)-6-methyl-3-(2-methyloctan-2-yl)-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
401	AM-938	N/A	C27H40O4; (6R,6aR,9R,10aR)-9-(Hydroxymethyl)-6-(3-hydroxyprop-1-yn-1-yl)-6-methyl-3-(2-methyloctan-2-yl)-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
402	AM-9405	GAT379	C24H32N2O2 · BrH; (2-(2,6-dihydroxy-4-(2-methyloctan-2-yl)phenyl)-1,3-dimethyl-1H-benzo[d]imidazol-3-ium bromide)	-	-	Y	2b
403	AMB	N/A	C19H27N3O3; methyl (1-pentyl-1H-indazole-3-carbonyl)-L-valinate	Y	-	Y	1
404	AMB-CHMINACA	MA-CHMINACA; MMB-CHMINACA	C21H29N3O3; (2S)-methyl-2-(1-(cyclohexylmethyl)-1 H-indol-3-ylcarbonylamino)-3,3-dimethylbutanoate	Y	Y	Y	1
405	AMB-FUBICA	N/A	C22H25FN2O3; N-[[1-[(4-fluorophenyl)methyl]-1H-indol-3-yl]carbonyl]-L-valine, methyl ester	Y	Y	Y	1
406	AMB-FUBINACA	FUB-AMB; MMB-FUBINACA	C21H22FN3O3; Methyl 2-({1-[(4-fluorophenyl)methyl]-1H-indazole-3-carbonyl}amino)-3-methylbutanoate	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
407	AMG-1	N/A	C23H30O2; (6aR,10aR)-3-(Hept-1-yn-1-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
408	AMG-14	N/A	C25H36O4; (6aR,10aR)-3-(2-Hexyl-1,3-dioxolan-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
409	AMG-3	N/A	C25H36O2S2; (6aR,10aR)-3-(2-Hexyl-1,3-dithiolan-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
410	AMG-36	N/A	C27H40O2; (6aR,10aR)-3-(1-Hexylcyclopentyl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
411	AMG-38	N/A	C26H38O2; (6aR,10aR)-3-(1-Hexylcyclobutyl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
412	AMG-41	N/A	C25H36O2; (6aR,10aR)-3-(1-Hexylcyclopropyl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
413	AMG-9	N/A	C26H38O2S2; (6aR,10aR)-3-(2-Hexyl-1,3-dithian-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
414	AMPPPCA	N/A	C26H35N3O; N-(Adamantan-1-yl)-4-methyl-1-pentyl-5-phenyl-1H-pyrazole-3-carboxamide	-	-	Y	2a
415	APICA	SDB-001; 2NE1; JWH-018 ADAMANTYL CARBOXA	C24H32N2O; N-(1-Adamantyl)-1-pentyl-1H-indole-3-carboxamide	Y	Y	Y	1
416	APINACA	N/A	C23H31N3O; N-(Adamantan-1-yl)-1-pentyl-1H-indazole-3-carboxamide	Y	Y	Y	1
417	APP-BINACA	APP-BUTINACA	C21H24N4O2; N-(1-amino-1-oxo-3-phenylpropan-2-yl)-1-butyl-1H-indazole-3-carboxamide	Y	Y	-	1
418	APP-CHMICA	N/A	C25H29N3O2; N-(1-amino-1-oxo-3-phenylpropan-2-yl)-1-(cyclohexylmethyl)-1H-indole-3-carboxamide	Y	-	Y	1
419	APP-CHMINACA	WO 2009/106980 #14; PX-3	C24H28N4O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
420	APP-FUBICA	N/A	C25H22FN3O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indole-3-carboxamide	-	-	Y	2b
421	APP-FUBINACA	N/A	C24H21FN4O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	Y	Y	Y	1
422	APP-PICA	N/A	C23H27N3O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-pentyl-1H-indole-3-carboxamide; Nα-(1-Pentyl-1H-indole-3-carbonyl)-L-phenylalaninamide	-	-	Y	2b
423	APP-PINACA	N/A	C22H26N4O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
424	ATHPINACA ISOMER 1	AD-THPINACA; Ada-mantyl-THPINACA	C24H31N3O2; 1-[(tetrahydro-2H-pyran-4-yl)methyl]-N-tricyclo[3.3.1.13,7]dec-1-yl-1H-indazole-3-carboxamide	Y	Y	Y	1
425	AZ-11713908	N/A	C27H32N4O3S2; N-{1-(Cyclohexylmethyl)-2-[(5-ethoxypyridin-2-yl)methyl]-1H-benzimidazol-5-yl}-N-methylthiophene-2-sulfonamide	-	-	Y	2b
426	BAY 38-7271	KN 38-7271	C20H21F3O5S; 3-{[(2R)-2-(Hydroxymethyl)-2,3-dihydro-1H-inden-4-yl]oxy}phenyl 4,4,4-trifluorobutane-1-sulfonate	-	-	Y	2b
427	BAY 59-3074	WO 2002/026702 #1	C18H13F6NO4S; 3-[2-Cyano-3-(trifluoromethyl)phenoxy]phenyl 4,4,4-trifluorobutane-1-sulfonate	-	-	Y	2a
428	BB-22	QUCHIC	C25H24N2O2; 1-(cyclohexylmethyl)-1H-indole-3-carboxylic acid 8-quinolinyl ester	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
429	BE 854655 #4	N/A	C21H33NO3; (6S,6aR,9R,10aR)-3-{[(2R)-Heptan-2-yl]oxy}-6-methyl-5,6,6a,7,8,9,10,10a-octahydrophenanthridine-1,9-diol	-	-	Y	2b
430	BICYCLIC ANALOG XI	METHYL ANALOGUE CP-55,940	C22H36O2; 2-[(1R,2R,5R)-5-Hydroxy-2-methylcyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
431	BIM-018	N/A	C23H22N2O; (Naphthalen-1-yl)(1-pentyl-1H-benzimidazol-2-yl)methanone	Y	-	Y	1
432	BLKB-2	N/A	C16H23N3O2; N-[(2R)-1-Hydroxypropan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
433	BLKS-2	CPE; Cannabipiperidiethanone	C24H28N2O2; 2-(2-Methoxyphenyl)-1-{1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}ethan-1-one	Y	-	Y	1
434	BLKS-4	N/A	C22H22F2N2O2; N-[(2,4-Difluorophenyl)methyl]-1-[(oxan-4-yl)methyl]-1H-indole-3-carboxamide	-	-	Y	2b
435	BLKS-6	N/A	C25H32FN3O4; Cyclopropyl (2S)-2-({5-(2-fluorophenyl)-1-[(oxan-4-yl)methyl]-1H-pyrazole-3-carbonyl}amino)-3,3-dimethylbutanoate	-	-	Y	2b
436	BLKS-9	N/A	C25H35FN4O3; {5-(2-Fluorophenyl)-1-[(oxan-4-yl)methyl]-1H-pyrazol-3-yl}[(3R,5S)-4-(2-methoxyethyl)-3,5-dimethylpiperazin-1-yl]methanone	-	-	Y	2b
437	BML-190	Indomethacin morpholinylamide	C23H23ClN2O4; 2-[1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl]-1-(morpholin-4-yl)ethan-1-one	-	-	Y	2b
438	BUTYL (2S)-2-[(6AR,10AR)-1-HYDROXY-6,6,9-TRIMETHYL-6A,7,10,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-3-YL]PROPANOATE	N/A	C23H32O4; Butyl (2S)-2-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]propanoate	-	-	Y	2b
439	BUTYL 1-[(6AR,10AR)-1-HYDROXY-6,6,9-TRIMETHYL-6A,7,10,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-3-YL]CYCLOBUTANE-1-CARBOXYLATE	N/A	C25H34O4; Butyl 1-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]cyclobutane-1-carboxylate	-	-	Y	2b
440	BUTYL 2-[(6AR,10AR)-1-HYDROXY-6,6,9-TRIMETHYL-6A,7,10,10A-TETRAHYDRO-6H-DIBENZO[B,D]PYRAN-3-YL]-2-METHYLPROPANOATE	N/A	C24H34O4; Butyl 2-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
441	BZODZ-EPYR	N/A	C23H24N4O; 3-(3-Benzyl-1,2,4-oxadiazol-5-yl)-1-[2-(pyrrolidin-1-yl)ethyl]-1H-indole	-	-	Y	2a
442	C3-UR-144	N/A	C19H25NO; (1-Propyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
443	C4-CBD	N/A	C20H28O2; (1′R,2′R)-4-Butyl-5′-methyl-2′-(prop-1-en-2-yl)-1′,2′,3′,4′-tetrahydro[1,1′-biphenyl]-2,6-diol	-	-	Y	2b
444	C4-RCS-4	N/A	C20H21NO2; (1-Butyl-1H-indol-3-yl)(4-methoxyphenyl)methanone	Y	Y	Y	1
445	C6-UR-144	N/A	C22H31NO; (1-Hexyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	-	-	Y	2b
446	C7-UR-144	KM-X1; TMCP-020; Heptyl-UR-144	C23H33NO; (1-pentyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	Y	Y	Y	1
447	CANNABICYCLOHEXANOL	CCH; CP 47,497 dimeth-yloctyl homologue	C22H36O2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-(2-methylnonan-2-yl)phenol	Y	-	Y	1
448	CB-13	CRA13; SAB-378	C26H24O2; (Naphthalen-1-yl)[4-(pentyloxy)naphthalen-1-yl]methanone	Y	Y	Y	1
449	CBL-018	NNE1	C24H23NO2; Naphthalen-1-yl 1-pentyl-1H-indole-3-carboxylate	Y	Y	Y	1
450	CBS-0550	N/A	C20H23F4N3O; N-[5-tert-Butyl-2-(cyclopropylmethyl)-1-methyl-1,2-dihydro-3H-pyrazol-3-ylidene]-2-fluoro-3-(trifluoromethyl)benzamide	-	-	Y	2b
451	CHE-CP-47,497	N/A	C20H30O2; 5-(2-Cyclohexylethyl)-2-[(1S,3R)-3-hydroxycyclohexyl]phenol	-	-	Y	2b
452	CHM-018	NE-CHMIMO; (CHM)-JWH-018; JWH-018 CYCLOHEXYLMETHYL	C26H25NO; [1-(Cyclohexylmethyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
453	CHM-CP-47,497	N/A	C19H28O2; 5-(Cyclohexylmethyl)-2-[(1S,3R)-3-hydroxycyclohexyl]phenol	-	-	Y	2b
454	CP 47,497	(C7)-CP 47,497	C21H34O2; 2-[(1S,3R)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol	Y	Y	Y	1
455	CP 47,497 (C8 + C2)	N/A	C24H40O2; 5-(1,1-Dimethyloctyl)-2-[(1S,3S)-3-hydroxycyclohexyl]-phenol	-	Y	Y	1
456	CP 55,244	N/A	C26H42O3; (2R,4R,4aR,6S,8aS)-6-(Hydroxymethyl)-4-[2-hydroxy-4-(2-methyloctan-2-yl)phenyl]decahydronaphthalen-2-ol	Y	-	Y	1
457	CP 55,940	N/A	C24H40O3; 2-[(1R,2R,5R)-5-hydroxy-2-(3-hydroxypropyl) cyclohexyl]-5-(2-methyloctan-2-yl)phenol	Y	-	Y	1
458	CP-55,243	N/A	C26H42O3; (2S,4S,4aS,6R,8aR)-6-(Hydroxymethyl)-4-[2-hydroxy-4-(2-methyloctan-2-yl)phenyl]decahydronaphthalen-2-ol	-	-	Y	2b
459	CP-56,667	N/A	C24H40O3; 2-[(1S,2S,5S)-5-Hydroxy-2-(3-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
460	CUMYL-4CN-B7AICA	N/A	C22H24N4O; 1-(4-cyanobutyl)-N-(2-phenylpropane-2-yl)-7-azaindole-3-carboxamide	Y	Y	Y	1
461	CUMYL-CH-MEGACLONE	N/A	C27H30N2O; 5-(cyclohexylmethyl)-2-(2-phenylpropan-2-yl)-2,5-dihydro-1H-pyrido[4,3-b]indol-1-one	Y	Y	-	1
462	CUMYL-FUBICA	N/A	C25H23FN2O; 1-[(4-Fluorophenyl)methyl]-N-(2-phenylpropan-2-yl)-1H-indole-3-carboxamide	-	-	Y	2a
463	CUMYL-PEGACLONE	2-Cumyl-5-pentyl-γ-carbolin-1-one	C25H28N2O; 5-Pentyl-2-(2-phenylpropan-2-yl)-2,5-dihydro-1H-pyrido[4,3-b]indol-1-one	Y	Y	Y	1
464	CUMYL-PINACA	SGT-24	C22H27N3O; 1-pentyl-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	Y	Y	Y	1
465	CUMYL-TFBICA	SGT-262	C22H23F3N2O: N-(2-Phenylpropan-2-yl)-1-(4,4,4-trifluorobutyl)-1H-indole-3-carboxamide	-	-	Y	2b
466	CYCLOHEPTYL{1-[2-(MORPHOLIN-4-YL)ETHYL]-1H-INDOL-3-YL}METHANONE	N/A	C22H30N2O2; Cycloheptyl{1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
467	CYCLOPENTYL{1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}METHANONE	N/A	C20H25NO2; Cyclopentyl{1-[(oxan-4-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
468	DESACETYL-LEVONANTRADOL	N/A	C25H33NO3; (6S,6aR,9R,10aR)-6-methyl-3-[(2R)-5-phenylpentan-2-yl]oxy-5,6,6a,7,8,9,10,10a-octahydrophenanthridine-1,9-diol	-	-	Y	2b
469	DESPENTYL-UR-144	DP-UR-144	C16H19NO; (1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	Y	-	-	1
470	DIMETHYL CP-47,497-C8	5,5-Dimethyl-(C8) CP 47,497	C24H40O2; rel-2-((1R,5S)-5-hydroxy-3,3-dimethylcyclohexyl)-5-(2-methylnonan-2-yl)phenol	Y	-	Y	1
471	DIMETHYLHEPTYLPYRAN	EA-2233; DMHP; 1,2-dimethylheptyl-Δ3THC	C25H38O2; 6,6,9-Trimethyl-3-(3-methyloctan-2-yl)-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	Y	-	Y	1
472	DMBA-CHMINACA	N/A	C21H29N3O3; 2-(1-(cyclohexylmethyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoic acid	Y	Y	-	1
473	DMP-PICA	N/A	C22H26N2O; N-(2,6-Dimethylphenyl)-1-pentyl-1H-indole-3-carboxamide	-	-	Y	2b
474	EA-1465	N/A	C25H38O2; 6,6,9-Trimethyl-3-(nonan-2-yl)-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
475	EA-1543	N/A	C25H39O4P; Propan-2-yl 6,6,9-trimethyl-3-pentyl-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-yl methylphosphonate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
476	EA-2233-2	N/A	C27H40O3; (9R)-6,6,9-Trimethyl-3-[(2S,3R)-3-methyloctan-2-yl]-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-yl acetate	-	-	Y	2a
477	EAM-2201	JWH 210 N-(5-fluoropentyl) analog	C26H26FNO; (4-ethyl-1-naphthalenyl)[1-(5-fluoropentyl)-1H-indol-3-yl]-methanone	Y	Y	Y	1
478	EG-018	N/A	C28H25NO; naphthalen-1-yl(9-pentyl-9H-carbazol-3-yl)methanone	Y	Y	Y	1
479	EG-2201	N/A	C28H24FNO; (9-(5-fluoropentyl)-9H-carbazol-3-yl)(naphthalen-1-yl)methanone	Y	Y	Y	1
480	EMB-FUBINACA	AEB-FUBINACA; FU-AEB; FUB-AEB	C22H24FN3O3; ethyl (1-(4-fluorobenzyl)-1H-indazole-3-carbonyl)-L-valinate	Y	Y	Y	1
481	EPI-CP 55,940	N/A	C24H40O3; 2-[(1R,2R,5S)-5-Hydroxy-2-(3-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
482	ETHYL 5-[2,6-DIHYDROXY-4-(2-METHYL-2-OCTANYL)PHENYL]NICOTINATE	US 2004/0087590 #5	C23H31NO4; Ethyl 5-[2,6-dihydroxy-4-(2-methyloctan-2-yl)phenyl]pyridine-3-carboxylate	-	-	Y	2b
483	FAB-144	(Indazole) XLR-11; 5F-UR-144 indazole	C20H27FN2O; [1-(5-Fluoropentyl)-1H-indazol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	Y	-	Y	1
484	FDU-NNE1	FDU-MN-24; FDU-NNEI	C26H19FN2O; 1-[(4-Fluorophenyl)methyl]-N-(naphthalen-1-yl)-1H-indole-3-carboxamide	Y	-	Y	1
485	FDU-PB-22	N/A	C26H18FNO2; Naphthalen-1-yl-1-(4-fluorobenzyl)-1H-indole-3-carboxylate	Y	Y	Y	1
486	FENCHYL-PINACA	N/A	C23H33N3O; 1-Pentyl-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
487	FP-CP 47,497	N/A	C17H25FO2; 5-(5-Fluoropentyl)-2-[(1S,3R)-3-hydroxycyclohexyl]phenol	-	-	Y	2b
488	FUB-144	FUB-UR-144	C23H24FNO; C23H24FNO; (1-(4-fluorobenzyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1
489	FUB-2201	N/A	C19H26FN3O2	-	-	Y	3
490	FUB-JWH-018	N/A	C26H18FNO; {1-[(4-Fluorophenyl)methyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone	Y	Y	Y	1
491	FUB-NPB-22	(Indazole) FUB-PB-22	C24H16FN3O2; Quinolin-8-yl 1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxylate	Y	Y	Y	1
492	FUB-PB-22	QCBL-Bz-F; MN-27	C25H17FN2O2; quinolin-8-yl 1-[(4-fluorophenyl)methyl]-1H-indole-3-carboxylate	Y	Y	Y	1
493	FUBIMINA	(Benzimidazole) AM-2201; FTHJ; BZ-2201	C23H21FN2O; [1-(5-Fluoropentyl)-1H-benzimidazol-2-yl](naphthalen-1-yl)methanone	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
494	GSK-554418A	N/A	C19H19ClN4O2; [4-(3-Chloroanilino)-1-methyl-1H-pyrrolo[3,2-c]pyridin-7-yl](morpholin-4-yl)methanone	-	-	Y	2b
495	GW-405,833	L-768,242	C23H24Cl2N2O3; (2,3-Dichlorophenyl){5-methoxy-2-methyl-3-[2-(morpholin-4-yl)ethyl]-1H-indol-1-yl}methanone	-	-	Y	2a
496	GW-842,166X	N/A	C18H17Cl2F3N4O2; 2-(2,4-Dichloroanilino)-N-[(oxan-4-yl)methyl]-4-(trifluoromethyl)pyrimidine-5-carboxamide	-	-	Y	2b
497	HHC	N/A	C21H32O2; (6aR,10aR)-6,6,9-Trimethyl-3-pentyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
498	HU-210	N/A	C25H38O3; 9-(HYDROXYMETHYL)-6,6-DIMETHYL-3-(2-METHYLOCTAN-2-YL)-6A,7,10,10A-TETRAHYDROBENZO[C]CHROMEN-1-OL	Y	Y	Y	1
499	HU-211	N/A	C25H38O3; (6aS,10aS)-9-(Hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	Y	-	Y	1
500	HU-239	N/A	C25H36O4; (6aR,10aR)-1-Hydroxy-6,6-dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-9-carboxylic acid	-	-	Y	2b
501	HU-308	N/A	C27H42O3; {(4S)-4-[2,6-Dimethoxy-4-(2-methyloctan-2-yl)phenyl]-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl}methanol	Y	-	Y	1
502	HU-320	N/A	C25H36O4; (1S,6S)-2′,6′-Dihydroxy-4′-(2-methyloctan-2-yl)-6-(prop-1-en-2-yl)-1,4,5,6-tetrahydro[1,1′-biphenyl]-3-carboxylic acid	-	-	Y	2b
503	HU-331	N/A	C21H28O3; 3-Hydroxy-2-[(1R)-6-isopropenyl-3-methyl-cyclohex-2-en-1-yl]-5-pentyl-1,4-benzoquinone	Y	Y	Y	1
504	HU-336	N/A	C21H28O3; (6aR,10aR)-6,6,9-Trimethyl-3-pentyl-6a,7,10,10a-tetrahydro-1H-dibenzo[b,d]pyran-1,4(6H)-dione	-	-	Y	2b
505	HU-345	N/A	C21H24O3; 6,6,9-Trimethyl-3-pentyl-1H-dibenzo[b,d]pyran-1,4(6H)-dione	-	-	Y	2b
506	HU-433	N/A	C27H42O3; {(4R)-4-[2,6-Dimethoxy-4-(2-methyloctan-2-yl)phenyl]-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl}methanol	-	-	Y	2b
507	HUF-101	4'-F-CBD; 4'-Fluorocannabidiol	C21H29FO2; (1′R,2′R)-3-Fluoro-5′-methyl-4-pentyl-2′-(prop-1-en-2-yl)-1′,2′,3′,4′-tetrahydro[1,1′-biphenyl]-2,6-diol	-	-	Y	2b
508	INVERSE-JWH-018	N/A	C24H23NO; (Naphthalen-1-yl)(3-pentyl-1H-indol-1-yl)methanone	-	-	Y	2b
509	IPO-33	N/A	C20H22N2O; 1-(1-Pentyl-1H-indazol-3-yl)-2-phenylethan-1-one	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
510	JNJ-42165279	N/A	C18H17ClF2N4O3; N-(4-Chloropyridin-3-yl)-4-[(2,2-difluoro-2H-1,3-benzodioxol-5-yl)methyl]piperazine-1-carboxamide	-	-	Y	2b
511	JTE 7-31	N/A	C22H28N2O3; 2-[2-(4-Hydroxyphenyl)ethyl]-5-methoxy-4-(pentylamino)-2,3-dihydro-1H-isoindol-1-one	-	-	Y	2a
512	JTE-907	N/A	C24H26N2O6; N-[(2H-1,3-Benzodioxol-5-yl)methyl]-7-methoxy-2-oxo-8-(pentyloxy)-1,2-dihydroquinoline-3-carboxamide	Y	Y	Y	1
513	JWH-001	N/A	C17H22N2O2; 1-{2-Methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}ethan-1-one	-	-	Y	2b
514	JWH-002	N/A	C20H26N2O2; 3-Methyl-1-{2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl} but-2-en-1-one	-	-	Y	2b
515	JWH-007	N/A	C25H25NO; (2-methyl-1-pentyl-1H-indol-3-yl)-1-naphthalenyl-methanone	Y	Y	Y	1
516	JWH-015	N/A	C23H21NO; (2-Methyl-1-propyl-1H-indol-3-yl)-1-naphthalenylmethanone	Y	Y	Y	1
517	JWH-018	AM-678; JWH-018	C24H23NO; Naphthalen-1-yl-(1-pentylindol-3-yl)methanone	Y	Y	Y	1
518	JWH-018 ADAMANTOYL DERIVATIVE	AB-001	C24H31NO; 1-Pentyl-3-(adamant-1-oyl)indole	Y	Y	Y	1
519	JWH-018 AZAINDOLE ANALOGUE	N/A	C23H22N2O; Naphthalen-1-yl-(1-pentyl-1H-7-azaindol-3-yl)methanone	Y	-	-	1
520	JWH-018 N-PENTANOIC ACID	JWH-018 N-Pentyl-5-carboxylic Acid	C24H21NO3; 5-[3-(Naphthalene-1-carbonyl)-1H-indol-1-yl]pentanoic acid	-	-	Y	2a
521	JWH-018 SULFONIUM BROMIDE	N/A	C24H23OS; (1-Bromo-1-pentyl-1H-1-benzothiophen-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
522	JWH-018 THIOKETONE	N/A	C24H23NS (Naphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanethione	-	-	Y	2b
523	JWH-019	1-Hexyl-3-(1-naphthoyl)indole	C25H25NO; 1-Hexyl-3-(1-naphthoyl)indole	Y	Y	Y	1
524	JWH-020	N/A	C26H27NO; (1-Heptyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	Y	-	Y	1
525	JWH-022	1-(4-Pentene-yl)-3-(1-naphthoyl)indole	C24H21NO; 1-(4-Pentene-yl)-3-(1-naphthoyl)indole	Y	Y	Y	1
526	JWH-030	N/A	C20H21NO; (Naphthalen-1-yl)(1-pentyl-1H-pyrrol-3-yl)methanone	Y	Y	Y	1
527	JWH-051	N/A	C25H38O2; [(6aR,10aR)-6,6-Dimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-9-yl]methanol	-	-	Y	2b
528	JWH-071	N/A	C21H17NO; (1-ethyl-1H-indol-3-yl)-1-naphthalenyl-methanone	Y	Y	Y	1
529	JWH-072	N/A	C22H19NO; (Naphthalen-1-yl)(1-propyl-1H-indol-3-yl)methanone	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
530	JWH-073	N/A	C23H21NO; (1-Butyl-1H-indol-3-yl)(1-naphthyl)methanone	Y	Y	Y	1
531	JWH-073 METHYL DERIVATIVE	JWH-073 methyl derivative	C24H23NO; 4-methyl-naphthalen-1-yl-(1-butylindol-3-yl)methanone; 1-Butyl-3-(1-(4-methyl)naphthoyl)indol; (1-Butyl-1H-indol-3-yl)-1-(4-methyl)naphthalenylmethanone; (1-butyl- 1H-indol-3-yl)(4-methylnaphthalen-1-yl)methanone; JWH-073 methyl derivative	Y	Y	Y	1
532	JWH-080	N/A	C24H23NO2; (1-Butyl-1H-indol-3-yl)(4-methoxynaphthalen-1-yl)methanone	-	-	Y	2a
533	JWH-081	N/A	C25H25NO2; 4-methoxynaphthalen- 1-yl-(1-pentylindol- 3-yl)methanone	Y	Y	Y	1
534	JWH-082	N/A	C26H27NO2; (1-Hexyl-1H-indol-3-yl)(4-methoxynaphthalen-1-yl)methanone	-	-	Y	2a
535	JWH-098	N/A	C26H27NO2; (4-Methoxynaphthalen-1-yl)(2-methyl-1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2a
536	JWH-116	N/A	C26H27NO; (2-Ethyl-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2a
537	JWH-121	N/A	C24H23NO; (1-Butyl-1H-indol-3-yl)(4-methylnaphthalen-1-yl)methanone	-	-	Y	2b
538	JWH-122	N/A	C25H25NO; (4-methyl-1-naphthyl)-(1-pentylindol-3-yl)methanone	Y	Y	Y	1
539	JWH-122 (5-METHYL-NAPHTYL ISOMER)	N/A	C25H25NO; (5-methylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	Y	-	-	1
540	JWH-122 PENTENYL DERIVATIVE	JWH-122 N-(4-pentenyl) analog; MAM-2201	C25H23NO; (4-methylnaphthalen-1-yl)(1-(pent-4-en-1-yl)-1H-indol-3-yl)methanone	Y	Y	Y	1
541	JWH-133	N/A	C22H32O; (6aR,10aR)-6,6,9-Trimethyl-3-(2-methylpentan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran	-	-	Y	2a
542	JWH-145	N/A	C26H25NO; (Naphthalen-1-yl)(1-pentyl-5-phenyl-1H-pyrrol-3-yl)methanone	Y	Y	Y	1
543	JWH-147	N/A	C27H27NO; (1-Hexyl-5-phenyl-1H-pyrrol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2a
544	JWH-149	N/A	C26H27NO; (4-Methylnaphthalen-1-yl)(2-methyl-1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2a
545	JWH-166	N/A	C25H25NO2; (6-Methoxynaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2a
546	JWH-167	N/A	C21H23NO; 1-(1-Pentyl-1H-indol-3-yl)-2-phenylethan-1-one	-	-	Y	2a
547	JWH-175	N/A	C24H25N; 3-[(Naphthalen-1-yl)methyl]-1-pentyl-1H-indole	Y	-	Y	1
548	JWH-176	N/A	C25H24; 1-[(E)-(3-Pentyl-1H-inden-1-ylidene)methyl]naphthalene	-	-	Y	2b
549	JWH-181	N/A	C28H31NO; (2-Methyl-1-pentyl-1H-indol-3-yl)(4-propylnaphthalen-1-yl)methanone	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
550	JWH-182	1-pentyl-3-(4-propyl-1-naphthoyl)indole	C27H29NO; (1-pentylindol-3-yl)-(4-propylnaphthalen-1-yl)methanone	Y	Y	Y	1
551	JWH-184	N/A	C25H27N; 3-[(4-Methylnaphthalen-1-yl)methyl]-1-pentyl-1H-indole	-	-	Y	2a
552	JWH-185	N/A	C25H27NO; 3-[(4-Methoxynaphthalen-1-yl)methyl]-1-pentyl-1H-indole	-	-	Y	2a
553	JWH-193	N/A	C26H26N2O2; (4-Methylnaphthalen-1-yl){1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2a
554	JWH-198	N/A	C26H26N2O3; (4-Methoxynaphthalen-1-yl){1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2a
555	JWH-200	N/A	C25H24N2O2; 1-(2-Morpholin-4-ylethyl)-3-(1naphthoyl)indole	Y	Y	Y	1
556	JWH-201	N/A	C22H25NO2; 2-(4-Methoxyphenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	Y	-	Y	1
557	JWH-203	1-Pentyl-3-(2-chlorophenylace-tyl)indole	C21H22ClNO; 1-Pentyl-3-(2-chlorophenylacetyl)indole	Y	Y	Y	1
558	JWH-204	N/A	C22H24ClNO; 2-(2-Chlorophenyl)-1-(2-methyl-1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
559	JWH-206	JWH-206; CHEMBL188819; 864445-58-9	C21H22ClNO; 2-(4-Chlorophenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	Y	-	Y	1
560	JWH-207	JWH-207; CHEMBL187813; D0GD9G	C22H24ClNO; 2-(4-Chlorophenyl)-1-(2-methyl-1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2b
561	JWH-208	JWH-208; CHEMBL187354; JWH 251 4-methylp	C22H25NO; 2-(4-Methylphenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2b
562	JWH-209	JWH-209; CHEMBL187771; D0YM8O	C23H27NO; 1-(2-Methyl-1-pentyl-1H-indol-3-yl)-2-(4-methylphenyl)ethan-1-one	-	-	Y	2b
563	JWH-210	N/A	C26H27NO; 4-ethylnaphthalen-1-yl-(1-pentylindol-3-yl)methanone; 1-Pentyl-3-(4-ethyl-1-naphthoyl)indole	Y	Y	Y	1
564	JWH-211	CHEMBL562350; JWH-211; 824959-72-0	C25H25NO; (4-Ethylnaphthalen-1-yl)(2-methyl-1-propyl-1H-indol-3-yl)methanone	-	-	Y	2a
565	JWH-213	N/A	C27H29NO; (4-Ethylnaphthalen-1-yl)(2-methyl-1-pentyl-1H-indol-3-yl)methanone	Y	-	Y	1
566	JWH-220	N/A	C26H26; 1-Methyl-4-[(E)-(3-pentyl-1H-inden-1-ylidene)methyl]naphthalene	-	-	Y	2b
567	JWH-237	JWH-237; UNII-NR611I7X19; CHEMBL188822	C21H22ClNO; 2-(3-Chlorophenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
568	JWH-240	N/A	C28H31NO; (4-Butylnaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
569	JWH-249	N/A	C21H22BrNO; 2-(2-Bromophenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
570	JWH-250	N/A	C22H25NO2; 2-(2-methoxyphenyl)-1-(1-pentylindol-3-yl)ethanone	Y	Y	Y	1
571	JWH-251	N/A	C22H25NO; 1-Pentyl-3-(2-methylphenylacetyl)indole	Y	Y	Y	1
572	JWH-253	JWH-253; CHEMBL188887; D01IUI	C23H27NO2; 2-(3-Methoxyphenyl)-1-(2-methyl-1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
573	JWH-258	N/A	C26H27NO2; (4-Ethoxynaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2a
574	JWH-267	1-Pentyl-3-(2-methoxy-1-naphthoyl)indole	C25H25NO2; 1-Pentyl-3-(2-methoxy-1-naphthoyl)indole	Y	-	Y	1
575	JWH-302	JWH-302; CHEMBL186674; JWH 302	C22H25NO2; 2-(3-methoxyphenyl)-1-(1-pentylindol-3-yl)ethanone	Y	Y	Y	1
576	JWH-305	JWH-305; CHEMBL187559; D0IW4Q	C22H24BrNO; 2-(2-Bromophenyl)-1-(2-methyl-1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
577	JWH-306	JWH-306; CHEMBL361088; D0L5IM	C23H27NO2; 2-(2-Methoxyphenyl)-1-(2-methyl-1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
578	JWH-307	N/A	C26H24FNO; [5-(2-Fluorophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
579	JWH-308	N/A	C26H24FNO; [5-(4-Fluorophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2a
580	JWH-309	N/A	C30H27NO; (Naphthalen-1-yl)[5-(naphthalen-1-yl)-1-pentyl-1H-pyrrol-3-yl]methanone	-	-	Y	2a
581	JWH-311	JWH-311; CHEMBL187883; D02UEJ	C21H22FNO; 2-(2-Fluorophenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
582	JWH-312	JWH-312; CHEMBL189545; D0RI8G	C21H22FNO; 2-(3-Fluorophenyl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2a
583	JWH-316	N/A	C22H24FNO; 2-(4-Fluorophenyl)-1-(2-methyl-1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2b
584	JWH-317	N/A	C22H23NO3; 2-(2H-1,3-Benzodioxol-5-yl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2b
585	JWH-337	N/A	C24H40O2; (1R,3R,4R)-4-(3-Hydroxypropyl)-3-[4-(2-methyloctan-2-yl)phenyl]cyclohexan-1-ol	-	-	Y	2a
586	JWH-344	N/A	C23H38O2; (1R,3R,4R)-4-(3-Hydroxypropyl)-3-[4-(2-methylheptan-2-yl)phenyl]cyclohexan-1-ol	-	-	Y	2a
587	JWH-346	N/A	C27H27NO; [5-(3-Methylphenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
588	JWH-365	N/A	C28H29NO; [5-(2-Ethylphenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2a
589	JWH-366	N/A	C25H24N2O; (Naphthalen-1-yl)[1-pentyl-5-(pyridin-3-yl)-1H-pyrrol-3-yl]methanone	-	-	Y	2a
590	JWH-367	N/A	C27H27NO2; [5-(3-Methoxyphenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2a
591	JWH-368	N/A	C26H24FNO; [5-(3-Fluorophenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
592	JWH-370	N/A	C27H27NO; [5-(2-Methylphenyl)-1-pentyl-1H-pyrrol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
593	JWH-372	N/A	C27H24F3NO; (Naphthalen-1-yl){1-pentyl-5-[2-(trifluoromethyl)phenyl]-1H-pyrrol-3-yl}methanone	-	-	Y	2a
594	JWH-377	JWH-018 2'-naphthyl isomer	C24H23NO; (Naphthalen-2-yl)(1-pentyl-1H-indol-3-yl)methanone	Y	-	Y	1
595	JWH-387	N/A	C24H22BrNO; (4-Bromonaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	Y	Y	Y	1
596	JWH-398	1-PENTYL-3-(4-CHLORO-1-NAPHTHOYL)INDOLE	C24H22ClNO; 4-chloro-1-naphthalenyl-(1-pentyl-1h-indol-3-yl)methanone	Y	Y	Y	1
597	JWH-408	N/A	C25H25NO2; (6-Methoxynaphthalen-2-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
598	JWH-409	N/A	C26H27NO2; (6-Methoxynaphthalen-2-yl)(2-methyl-1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
599	JWH-410	N/A	C25H25NO2; (1-Butyl-2-methyl-1H-indol-3-yl)(6-methoxynaphthalen-2-yl)methanone	-	-	Y	2b
600	JWH-412	N/A	C24H22FNO; (4-Fluoronaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	Y	Y	Y	1
601	JWH-421	N/A	C24H22INO; (4-Iodonaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
602	JWH-424	N/A	C24H22BrNO; (8-Bromonaphthalen-1-yl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
603	JWH-444	N/A	C24H22BrNO; (5-Bromo-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
604	JWH-452	N/A	C24H22INO; (5-Iodo-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
605	JZL-184	N/A	C27H24N2O9; 4-Nitrophenyl 4-[bis(2H-1,3-benzodioxol-5-yl)(hydroxy)methyl]piperidine-1-carboxylate	-	-	Y	2b
606	JZL-195	N/A	C24H23N3O5; 4-Nitrophenyl 4-[(3-phenoxyphenyl)methyl]piperazine-1-carboxylate	-	-	Y	2b
607	KM-233	N/A	C25H30O2; (6aR,10aR)-6,6,9-Trimethyl-3-(2-phenylpropan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
608	L-759,633	N/A	C26H40O2; (6aR,10aR)-1-Methoxy-6,6,9-trimethyl-3-(2-methyloctan-2-yl)-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran	-	-	Y	2b
609	L-759,656	N/A	C26H40O2; (6aR,10aR)-1-Methoxy-6,6-dimethyl-9-methylidene-3-(2-methyloctan-2-yl)-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran	-	-	Y	2b
610	LASSBIO-881	N/A	C23H27N3O6; N′-[(E)-(3,5-Di-tert-butyl-4-hydroxyphenyl)methylidene]-6-nitro-2H-1,3-benzodioxole-5-carbohydrazide	-	-	Y	2b
611	LBP-1	N/A	C23H29ClN6O3; 2-{4-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-oxadiazol-5-yl)methyl]piperazin-1-yl}acetamide	-	-	Y	2b
612	LEVONANTRADOL	CP 50,556-1; L-Nantradol	C27H35NO4;(6S,6aR,9R,10aR)-9-Hydroxy-6-methyl-3-{[(2R)-5-phenylpentan-2-yl]oxy}-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl acetate	-	-	Y	2a
613	LH-21	N/A	C20H20Cl3N3; 5-(4-Chlorophenyl)-1-(2,4-dichlorophenyl)-3-hexyl-1H-1,2,4-triazole	-	-	Y	2b
614	LTI-701	N/A	C20H21FN2O; 1-(5-fluoropentyl)-N-phenyl-1H-indole-3-carboxamide	Y	Y	Y	1
615	LY2183240	N/A	C17H17N5O; 5-[([1,1′-Biphenyl]-4-yl)methyl]-N,N-dimethyl-1H-tetrazole-1-carboxamide	Y	Y	Y	1
616	M-CHMIC	N/A	C17H20NO2; methyl 1-(cyclohexylmethyl)-1H-indole-3-carboxylate	Y	Y	Y	1
617	M5FPIC	M-5F-PIC	C15H18FNO2; Methyl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	Y	Y	Y	1
618	MAM-1220	N/A	C27H28N2O; (4-Methylnaphthalen-1-yl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2a
619	MAM-2201	N/A	C25H24FNO; 1-[(5-fluoropentyl)-1H-indol-3-yl]-(4-methyl-naphthalen-1-yl)methanone	Y	Y	Y	1
620	MAM-2201 INDAZOLE ANALOGUE	N/A	C24H23FN2O; [1-(5-Fluoropentyl)-1H-indazol-3-yl](4-methylnaphthalen-1-yl)methanone	-	-	Y	2b
621	MAM-2201 N-(2-FLUOROPENTYL)	N/A	C25H24FNO; (1-(2-fluoropentyl)-1H-indol-3-yl)(4-methylnaphthalen-1-yl)methanone	Y	-	-	1
622	MAM-2201 N-(3-FLUOROPENTYL)	N/A	C25H24FNO; (1-(3-fluoropentyl)-1H-indol-3-yl)(4-methylnaphthalen-1-yl)methanone	Y	-	-	1
623	MAM-2201 N-(4-FLUOROPENTYL)	N/A	C25H24FNO; (1-(4-fluoropentyl)-1H-indol-3-yl)(4-methylnaphthalen-1-yl)methanone	Y	-	-	1
624	MAM-2201 N-(4-HYDROXYPENTYL)	N/A	C25H25NO2; (1-(4-hydroxypentyl)-1H-indol-3-yl)(4-methylnaphthalen-1-yl)methanone	Y	-	-	1
625	MAM-2232	N/A	C25H22N2O; 5-[3-(4-Methylnaphthalene-1-carbonyl)-1H-indol-1-yl]pentanenitrile	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
626	MBA-CHMINACA	(1-(cyclohexylmethyl)-1H-indazole-3-carbonyl)valine	C20H27N3O3; 2-(1-(cyclohexylmethyl)-1H-indazole-3-carboxamido)-3-methylbutanoic acid	Y	Y	-	1
627	MCHB-1	N-Methylcyclohexyl benzimidazole analog	C28H37N3O2; 1-(cyclohexylmethyl)-2-[(4-ethoxyphenyl)methyl]-N,N-diethyl-1H-benzimidazole-5-carboxamide	Y	Y	Y	1
628	MDA 19	N/A	C21H23N3O2; (3Z)-N'-(1-hexyl-2-oxoindolin-3-ylidene)benzohydrazide	Y	Y	Y	1
629	MDA-77	N/A	C21H23N3O3; N′-(6-Methoxy-2-oxo-1-pentyl-1,2-dihydro-3H-indol-3-ylidene)benzohydrazide	-	-	Y	2b
630	MDMB-4EN-PINACA	N/A	C20H27N3O3; methyl 3,3-dimethyl-2-(1-(pent-4-en-1-yl)-1H-indazole-3-carboxamido)butanoate	Y	Y	-	1
631	MDMB-CHMCZCA	EGMB-CHMINACA	C27H34N2O3; methyl (S)-2-(9-(cyclohexylmethyl)-9H-carbazole-3-carboxamido)-3,3-dimethylbutanoate	Y	Y	Y	1
632	MDMB-CHMICA	MMB-CHMINACA; Godfather; CUSH-CottonCandy	C23H32N2O3; Methyl 2-[[1-(cyclohexylmethyl)indole-3-carbonyl]amino]-3;3-dimethyl-butanoate]MMB-CHMINACA	Y	Y	Y	1
633	MDMB-CHMINACA	MDMB(N)-CHM	C22H31N3O3; Methyl (2S)-2-{[1-(cyclohexylmethyl)-1H-indazole-3-carbonyl]amino}-3,3-dimethylbutanoate	Y	-	Y	1
634	MDMB-FUBICA	N/A	C23H25FN2O3; methyl (2S)-2-({1-[(4-fluorophenyl)methyl]-1H-indol-3-yl}formamido)-3,3-dimethylbutanoate	Y	Y	Y	1
635	MDMB-FUBINACA	MDMB(N)-Bz-F; FUB-MDMB; MDMB(N)-BZ-FMeth	C22H24FN3O3; Methyl (2S)-2-{[1-[(4-fluorophenyl)methyl]indazole-3-carbonyl]amino}-3,3-dimethylbutanoate	Y	Y	Y	1
636	MDMB-PCZCA	Methyl 3-methyl-N-(9-pentyl-9H-carbazole	C25H32N2O3 Methyl (2S)-3,3-dimethyl-2-[(9-pentyl-9H-carbazole-3-carbonyl)amino]butanoate	Y	Y	Y	1
637	ME-CP 47,497	N/A	C18H27NO3; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-[2-(morpholin-4-yl)ethyl]phenol	-	-	Y	2b
638	MENABITAN	SP-204; menabitan hydrochloride	C37H56N2O3; 5,5-Dimethyl-8-(3-methyloctan-2-yl)-2-(prop-2-yn-1-yl)-1,3,4,5-tetrahydro-2H-[1]benzopyrano[4,3-c]pyridin-10-yl 2-methyl-4-(2-methylpiperidin-1-yl)butanoate	-	-	Y	2a
639	MEP-CHMICA	N/A	C22H30N2O3; methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)pentanoate	Y	-	-	1
640	MEP-FUBICA	N/A	C22H23FN2O3; Methyl 2-({1-[(4-fluorophenyl)methyl]-1H-indole-3-carbonyl}amino)pentanoate	Y	-	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
641	MEPIRAPIM	N/A	C19H27N3O; 1-(1-pentylindol-3-carbonyl)-4-methyl-piperazine3-[(4-methylpiperazin-1-yl)carbonyl]-1-pentyl-1H-indole(4-methylpiperazin-1-yl)(1-pentyl-1H-indol-3-yl)methanone	Y	Y	Y	1
642	META-RCS-4	RCS-3	C21H23NO2; (3-Methoxyphenyl)(1-pentyl-1H-indol-3-yl)methanone	Y	-	Y	1
643	METHANANDAMIDE.	AM-356	C23H39NO2; (5Z,8Z,11Z,14Z)-N-[(2R)-1-Hydroxypropan-2-yl]icosa-5,8,11,14-tetraenamide.	Y	Y	Y	1
644	METHYL (2S)-2-({7-METHOXY-2-METHYL-1-[2-(MORPHOLIN-4-YL)ETHYL]-1H-INDOLE-3-CARBONYL}AMINO)-3-PHENYLPROPANOATE	Methyl N-{7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}-L-phenylalaninate	C27H33N3O5; Methyl (2S)-2-({7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}amino)-3-phenylpropanoate	-	-	Y	2b
645	METHYL (2S)-3-(4-HYDROXYPHENYL)-2-({(2E)-3-[4-METHOXY-3-(PENTYLOXY)PHENYL]PROP-2-ENOYL}AMINO) PROPANOATE	Methyl N-{(2E)-3-[4-methoxy-3-(pentyloxy)phenyl]prop-2-enoyl}-L-tyrosinate	C25H31NO6; Methyl (2S)-3-(4-hydroxyphenyl)-2-({(2E)-3-[4-methoxy-3-(pentyloxy)phenyl]prop-2-enoyl}amino)propanoate	-	-	Y	2b
646	METHYL (3Z)-3-[(2-METHOXYPHENYL)IMINO]-2-THIA-4-AZASPIRO[5.5]UNDECANE-4-CARBODITHIOATE	N/A	C18H24N2OS3; Methyl (3Z)-3-[(2-methoxyphenyl)imino]-2-thia-4-azaspiro[5.5]undecane-4-carbodithioate	-	-	Y	2b
647	METHYL (3Z)-3-[(3-TERT-BUTYL-1,2-OXAZOL-5-YL)IMINO]-2-OXA-4-AZASPIRO[5.5]UNDECANE-4-CARBODITHIOATE	N/A	C18H27N3O2S2; Methyl (3Z)-3-[(3-tert-butyl-1,2-oxazol-5-yl)imino]-2-oxa-4-azaspiro[5.5]undecane-4-carbodithioate	-	-	Y	2b
648	METHYL (3Z)-3-[(4-TERT-BUTYL-1,3-THIAZOL-2-YL)IMINO]-2-OXA-4-AZASPIRO[5.5]UNDECANE-4-CARBODITHIOATE	N/A	C18H27N3OS3; Methyl (3Z)-3-[(4-tert-butyl-1,3-thiazol-2-yl)imino]-2-oxa-4-azaspiro[5.5]undecane-4-carbodithioate	-	-	Y	2b
649	METHYL (3Z)-3-[(NAPHTHALEN-1-YL)IMINO]-2-OXA-4-AZASPIRO[5.5]UNDECANE-4-CARBODITHIOATE	N/A	C21H24N2OS2; Methyl (3Z)-3-[(naphthalen-1-yl)imino]-2-oxa-4-azaspiro[5.5]undecane-4-carbodithioate	-	-	Y	2b
650	METHYL (3Z)-3-[(NAPHTHALEN-1-YL)IMINO]-2-THIA-4-AZASPIRO[5.5]UNDECANE-4-CARBODITHIOATE	N/A	C21H24N2S3; Methyl (3Z)-3-[(naphthalen-1-yl)imino]-2-thia-4-azaspiro[5.5]undecane-4-carbodithioate	-	-	Y	2b
651	METHYL 1-[(OXAN-4-YL)METHYL]-3-(2,2,3,3-TETRAMETHYLCYCLOPROPANE-1-CARBONYL)-1H-INDOLE-6-CARBOXYLATE	N/A	C24H31NO4; Methyl 1-[(oxan-4-yl)methyl]-3-(2,2,3,3-tetramethylcyclopropane-1-carbonyl)-1H-indole-6-carboxylate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
652	METHYL 6-(2-HYDROXY-3',5'-DIMETHYL[1,1'-BIPHENYL]-4-YL)-6-METHYLHEPTANOATE	N/A	C23H30O3; METHYL 6-(2-HYDROXY-3',5'-DIMETHYL[1,1'-BIPHENYL]-4-YL)-6-METHYLHEPTANOATE	-	-	Y	2b
653	MFUBINAC	methyl 1-(4-fluorobenzyl)-1H-indazole-3-carboxylate, Methyl 1-[(4-fluorophenyl)methyl] indazole-3-carboxylate	C16H13FN2O2; methyl 1-(4-fluorobenzyl)-1H-indazole-3-carboxylate	Y	-	-	1
654	MK-4409	N/A	C23H18ClFN2O2S; 2-(4-{5-[(5-Chloropyridin-2-yl)sulfanyl]-2-(4-fluorophenyl)-1,3-oxazol-4-yl}phenyl) propan-2-ol	-	-	Y	2b
655	MK-9470	N/A	C29H33N3O3; N-[(2S,3S)-3-(3-Cyanophenyl)-4-(4-ethoxyphenyl)butan-2-yl]-2-methyl-2-[(5-methylpyridin-2-yl)oxy]propanamide	-	-	Y	2b
656	MMB-022	AMB-4en-PICA	C20H26N2O3; methyl (1-(pent-4-en-1-yl)-1H-indole-3-carbonyl)-L-valinate;	-	Y	Y	1
657	MMB-CHMICA	AMB-CHMICA	C22H30N2O3 Methyl (2S)-2-{[1-(cyclohexylmethyl)-1H-indole-3-carbonyl]amino}-3-methylbutanoate	Y	Y	Y	1
658	MMB-PICA	Methyl-3-methyl-2-(1-pentyl-1H-indole-3-carboxamido)butanoate; MMB-018	C20H28N2O3; Methyl-3-methyl-2-(1-pentyl-1H-indole-3-carboxamido)butanoate	Y	-	-	1
659	MMB-PINACA	N/A	C19H27N3O3; Methyl-3-methyl-2-(1-pentyl-1H-indazole-3-carboxamido)butanoate	Y	-	-	1
660	MN-18	N/A	C23H23N3O; N-(naphthalen-1-yl)-1-pentyl-1H-indazole-3-carboxamide	Y	Y	Y	1
661	MN-25	UR-12	C26H37N3O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
662	MO-CHMINACA	MO-AMB	C22H30N2O4; 1-methoxy-3,3-dimethyl-1-oxobutan-2-yl 1-(cyclohexylmethyl)-1H-indazole-3-carboxylate	Y	Y	Y	1
663	MPM-CP 47,497	N/A	C19H29NO2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-[(1-methylpiperidin-2-yl)methyl]phenol	-	-	Y	2b
664	MPP-CHMICA	N/A	C26H30N2O3; Methyl (2S)-2-{[1-(cyclohexylmethyl)-1H-indole-3-carbonyl]amino}-3-phenylpropanoate	-	-	Y	2b
665	MPP-CHMINACA	N/A	C25H29N3O3; Methyl (2S)-2-{[1-(cyclohexylmethyl)-1H-indazole-3-carbonyl]amino}-3-phenylpropanoate	-	-	Y	2b
666	MPP-FUBICA	N/A	C26H23FN2O3; Methyl (2S)-2-({1-[(4-fluorophenyl)methyl]-1H-indole-3-carbonyl}amino)-3-phenylpropanoate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
667	MPP-FUBINACA	N/A	C25H22FN3O3; Methyl (2S)-2-({1-[(4-fluorophenyl)methyl]-1H-indazole-3-carbonyl}amino)-3-phenylpropanoate	-	-	Y	2b
668	N-(1-AMINO-3-METHYL-1-OXOBUTAN-2-YL)-1-(PHENYLMETHYL)-1H-INDAZOLE-3-CARBOXAMIDE, N-(1-CARBAMOYL-2-METHYLPROPYL)-1-(PHENYLMETHYL)-1H-INDAZOLE-3-CARBOXAMIDE	N/A	C20H22N4O2; N-(1-Amino-3-methyl-1-oxobutan-2-yl)-1-(phenylmethyl)-1H-indazole-3-carboxamide, N-(1-Carbamoyl-2-methylpropyl)-1-(phenylmethyl)-1H-indazole-3-carboxamide	Y	-	-	1
669	N-(1-AMINO-3-METHYL-1OXOBUTAN-2-YL)-1-(PHENYLMETHYL)-1H-INDOLE-3-CARBOXAMIDE, N-(1-CARBAMOYL-2-METHYLPROPYL)-1-(PHENYLMETHYL)-1H-INDOLE-3-CARBOXAMIDE	N/A	C21H23N3O2; N-(1-Amino-3-methyl-1oxobutan-2-yl)-1-(phenylmethyl)-1H-indole-3-carboxamide, N-(1-Carbamoyl-2-methylpropyl)-1-(phenylmethyl)-1H-indole-3-carboxamide	Y	-	-	1
670	N-(2-METHOXYETHYL)-N-(1-METHYLETHYL)-2-(1-PENTYL-1H-INDOL-3-YL)-4-THIAZOL-METHANAMINE	N/A	C23H33N3OS; N-(2-METHOXYETHYL)-N-(1-METHYLETHYL)-2-(1-PENTYL-1H-INDOL-3-YL)-4-THIAZOL-METHANAMINE	Y	Y	Y	1
671	N-(5-HYDROXYPENTYL)-JWH-122	5-HO-JWH-122; MAM2201 N-(5-hydroxypentyl)	C25H25NO2 [1-(5-Hydroxypentyl)-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone	Y	-	Y	1
672	N-(6-QUINOLINYL)-1-PENTYL-1H-INDAZOLE-3-CARBOXAMIDE	N/A	C22H22N4O; 1-pentyl-N-(quinolin-6-yl)-1H-indazole-3-carboxamide	Y	-	-	1
673	N-(ADAMANTAN-1-YL)-2-OXO-1-PENTYL-1,2-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C25H32N2O2; N-(Adamantan-1-yl)-2-oxo-1-pentyl-1,2-dihydroquinoline-3-carboxamide	-	-	Y	2b
674	N-(ADAMANTAN-1-YL)-4-OXO-1-PENTYL-7-(PHENYLSULFANYL)-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C31H36N2O2S; N-(Adamantan-1-yl)-4-oxo-1-pentyl-7-(phenylsulfanyl)-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
675	N-(ADAMANTAN-1-YL)-4-OXO-8-(PENTYLOXY)-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C25H32N2O3; N-(Adamantan-1-yl)-4-oxo-8-(pentyloxy)-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
676	N-(ADAMANTAN-1-YL)-7-FLUORO-4-OXO-1-PENTYL-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C25H31FN2O2; N-(Adamantan-1-yl)-7-fluoro-4-oxo-1-pentyl-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
677	N-(CYCLOBUTYLMETHYL)-3-({4-[(1H-1,2,3-TRIAZOL-1-YL)METHYL] NAPHTHALENE-1-CARBONYL}AMINO)PYRIDINE-2-CARBOXAMIDE	N/A	C25H24N6O2; N-(Cyclobutylmethyl)-3-({4-[(1H-1,2,3-triazol-1-yl)methyl]naphthalene-1-carbonyl}amino)pyridine-2-carboxamide	-	-	Y	2b
678	N-(CYCLOBUTYLMETHYL)-3-[(NAPHTHALENE-1-CARBONYL)AMINO]PYRIDINE-2-CARBOXAMIDE	N/A	C22H21N3O2; N-(Cyclobutylmethyl)-3-[(naphthalene-1-carbonyl)amino]pyridine-2-carboxamide	-	-	Y	2b
679	N-(CYCLOBUTYLMETHYL)-3-{[4-(METHOXYMETHYL) NAPHTHALENE-1-CARBONYL]AMINO}PYRIDINE-2-CARBOXAMIDE	N/A	C24H25N3O3; N-(Cyclobutylmethyl)-3-{[4-(methoxymethyl)naphthalene-1-carbonyl]amino}pyridine-2-carboxamide	-	-	Y	2b
680	N-(CYCLOHEXYLMETHYL)-3-[(NAPHTHALENE-1-CARBONYL)AMINO]PYRAZINE-2-CARBOXAMIDE	N/A	C23H24N4O2; N-(Cyclohexylmethyl)-3-[(naphthalene-1-carbonyl)amino]pyrazine-2-carboxamide	-	-	Y	2b
681	N-(CYCLOHEXYLMETHYL)-3-[(NAPHTHALENE-1-CARBONYL)AMINO]PYRIDINE-2-CARBOXAMIDE	N/A	C24H25N3O2; N-(Cyclohexylmethyl)-3-[(naphthalene-1-carbonyl)amino]pyridine-2-carboxamide	-	-	Y	2b
682	N-(ISOQUINOLIN-1-YL)-4-METHYL-3-(PIPERIDINE-1-SULFONYL)BENZAMIDE	N/A	C22H23N3O3S; N-(Isoquinolin-1-yl)-4-methyl-3-(piperidine-1-sulfonyl)benzamide	-	-	Y	2b
683	N-(NAPHTHALEN-1-YL)-1-PENTYL-1H-PYRROLO[2,3-B]PYRIDINE-3-CARBOXAMIDE	N/A	C23H23N3O; N-(naphthalen-1-yl)-1-pentyl-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	Y	-	-	1
684	N-(NAPHTHALEN-1-YL)-1H-INDAZOLE-3-CARBOXAMIDE	N/A	C18H13N3O; N-(Naphthalen-1-yl)-1H-indazole-3-carboxamide	Y	-	-	1
685	N-[(1S)-1-CYCLOHEXYLETHYL]-4-METHYL-3-(PIPERIDINE-1-SULFONYL)BENZAMIDE	N/A	C21H32N2O3S; N-[(1S)-1-Cyclohexylethyl]-4-methyl-3-(piperidine-1-sulfonyl)benzamide	-	-	Y	2b
686	N-[(3-{7-CHLORO-1-[(OXAN-4-YL)METHYL]-1H-INDOL-3-YL}-1,2,4-OXADIAZOL-5-YL)METHYL]-N,N′,N′-TRIMETHYLSULFURIC DIAMIDE	N/A	C20H26ClN5O4S; N-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-oxadiazol-5-yl)methyl]-N,N′,N′-trimethylsulfuric diamide	-	-	Y	2b
687	N-[(3,4-DICHLOROPHENYL) METHYL]-4-OXO-1-PENTYL-7-PHENYL-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C28H26Cl2N2O2; N-[(3,4-Dichlorophenyl)methyl]-4-oxo-1-pentyl-7-phenyl-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
688	N-[3-(2-METHOXYETHYL)-1,3-BENZOTHIAZOL-2-YLIDENE]-2,2,3,3-TETRAMETHYLCYCLOPROPANE-1-CARBOXAMIDE	US 2008/058335 #62	C18H24N2O2S; N-[3-(2-Methoxyethyl)-1,3-benzothiazol-2(3H)-ylidene]-2,2,3,3-tetramethylcyclopropane-1-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
689	N-[3-(2-METHOXYETHYL)-4,5-DIMETHYL-1,3-THIAZOL-2-YLIDENE]NAPHTHALENE-1-CARBOXAMIDE	US 2008/058335 #16	C19H20N2O2S; N-[3-(2-Methoxyethyl)-4,5-dimethyl-1,3-thiazol-2(3H)-ylidene]naphthalene-1-carboxamide	-	-	Y	2b
690	N-[3-BUTYL-5-(2-HYDROXYPROPAN-2-YL)-4-METHYL-1,3-THIAZOL-2-YLIDENE]-5-CHLORO-2-METHOXYBENZAMIDE	US 2008/058335 #313	C19H25ClN2O3S; N-[3-Butyl-5-(2-hydroxypropan-2-yl)-4-methyl-1,3-thiazol-2(3H)-ylidene]-5-chloro-2-methoxybenzamide	-	-	Y	2b
691	N-{2-[(CYCLOBUTYLMETHYL)CARBAMOYL]PYRIDIN-3-YL}QUINOLINE-4-CARBOXAMIDE	N/A	C21H20N4O2; N-{2-[(Cyclobutylmethyl)carbamoyl]pyridin-3-yl}quinoline-4-carboxamide	-	-	Y	2b
692	N-{4-CHLORO-2-[(CYCLOHEXYLMETHYL)CARBAMOYL]PHENYL}NAPHTHALENE-1-CARBOXAMIDE	N/A	C25H25ClN2O2; N-{4-Chloro-2-[(cyclo-hexylmethyl)carbamoyl]phenyl}naphthalene-1-carboxamide	-	-	Y	2b
693	N-BENZYL-6-METHOXY-3-[2-(MORPHOLIN-4-YL)ETHOXY]-1-BENZOFURAN-2-CARBOXAMIDE	N/A	C23H26N2O5; N-Benzyl-6-methoxy-3-[2-(morpholin-4-yl)ethoxy]-1-benzofuran-2-carboxamide	-	-	Y	2b
694	N-CYCLOHEPTYL-1-[(4-FLUOROPHENYL)METHYL]-2-OXO-1,2-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXAMIDE	N/A	C23H24FN3O2; N-Cycloheptyl-1-[(4-fluorophenyl)methyl]-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxamide	-	-	Y	2b
695	N-CYCLOHEPTYL-1-[(4-FLUOROPHENYL)METHYL]-7-METHYL-4-OXO-1,4-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXAMIDE	N/A	C24H26FN3O2; N-Cycloheptyl-1-[(4-fluorophenyl)methyl]-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxamide	-	-	Y	2b
696	N-CYCLOHEPTYL-1-[2-(MORPHOLIN-4-YL)ETHYL]-2-OXO-1,2-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXAMIDE	N/A	C22H30N4O3; N-Cycloheptyl-1-[2-(morpholin-4-yl)ethyl]-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxamide	-	-	Y	2b
697	N-CYCLOHEPTYL-1-[2-(MORPHOLIN-4-YL)ETHYL]-4-OXO-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE	N/A	C23H31N3O3; N-Cycloheptyl-1-[2-(morpholin-4-yl)ethyl]-4-oxo-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
698	N-CYCLOHEXYL-1-[(4-FLUOROPHENYL)METHYL]-7-METHYL-4-OXO-1,4-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXAMIDE	N/A	C23H24FN3O2; N-Cyclohexyl-1-[(4-fluorophenyl)methyl]-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
699	N-METHYL-LEVONANTRADOL	N/A	C28H37NO4; (6S,6aR,9R,10aR)-9-Hydroxy-5,6-dimethyl-3-{[(2R)-5-phenylpentan-2-yl]oxy}-5,6,6a,7,8,9,10,10a-octahydrophenanthridin-1-yl acetate	-	-	Y	2b
700	N,N-DIMETHYL-5-[(4-BIPHENYL)METHYL] TETRAZOLE-2-CARBOXAMIDE	LY2183240-2'-isomer	C17H17N5O; 5-([1,1'-biphenyl]-4-ylmethyl)-N,N-dimethyl-2H-tetrazole-2-carboxamide	Y	-	-	1
701	N'-(2-OXO-1-PENTYL-1,2-DIHYDRO-3H-INDOL-3-YLIDENE)BENZOHYDRAZIDE	N/A	C20H21N3O2; N′-(2-Oxo-1-pentyl-1,2-dihydro-3H-indol-3-ylidene)benzohydrazide	-	-	Y	2b
702	N'-[1-(CYCLOHEXYLMETHYL)-2-OXO-1,2-DIHYDRO-3H-INDOL-3-YLIDENE]BENZOHYDRAZIDE	N/A	C22H23N3O2; N′-[1-(Cyclohexylmethyl)-2-oxo-1,2-dihydro-3H-indol-3-ylidene]benzohydrazide	-	-	Y	2b
703	N'-{1-(CYCLOHEXYLMETHYL)-6-[2-(MORPHOLIN-4-YL)ETHOXY]-2-OXO-1,2-DIHYDRO-3H-INDOL-3-YLIDENE}-2-PHENYLACETOHYDRAZIDE	N/A	C29H36N4O4; N′-{1-(Cyclohexylmethyl)-6-[2-(morpholin-4-yl)ethoxy]-2-oxo-1,2-dihydro-3H-indol-3-ylidene}-2-phenylacetohydrazide	-	-	Y	2b
704	NABAZENIL	SP-175; Nabazelinum	C35H55NO3; 6,6,9-Trimethyl-3-(3-methyloctan-2-yl)-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-yl 4-(azepan-1-yl)butanoate	-	-	Y	2b
705	NABILONE	N/A	C24H36O3; rac-(6aR,10aR)-1-Hydroxy-6,6-dimethyl-3-(2-methyloctan-2-yl)-6,6a,7,8,10,10a-hexahydro-9H-dibenzo[b,d]pyran-9-one	-	-	Y	2a
706	NABITAN	SP-106; Abbott 40656; Benzopyranoperidine	C35H52N2O3; 5,5-Dimethyl-8-(3-methyloctan-2-yl)-2-(prop-2-yn-1-yl)-1,3,4,5-tetrahydro-2H-[1]benzopyrano[4,3-c]pyridin-10-yl 4-(piperidin-1-yl)butanoate	-	-	Y	2b
707	NABIXIMOLS	Sativex	combination of Tetrahydrocannabinol and Cannabinoid	-	-	Y	2a
708	NABOCTATE	SP-325	C33H53NO3; (6,6,9-trimethyl-3-nonan-2-yl-7,8,9,10-tetrahydrobenzo[c]chromen-1-yl) 4-(diethylamino)butanoate	-	-	Y	2b
709	NAPHTALEN-1-YL-BENZYL-1H-INDOLE-3-CARBOXILATE	N/A	C26H19NO2; Naphthalen-1-yl-1-benzyl-1H-indole-3-carboxylate	Y	-	-	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
710	NAPHTALEN-1-YL(1-(PENT-4-ENYL)-1H-PYRROLO[2,3-B]PYRIDIN-3-YL)METHANONE	N/A	C23H20N2O; Naphthalen-1-yl(1-(pent-4-enyl)-1H-pyrrolo[2,3-b]pyridin-3-yl)methanone	Y	-	-	1
711	NAPIE	N/A	C25H25NO; 2-(Naphthalen-1-yl)-1-(1-pentyl-1H-indol-3-yl)ethan-1-one	-	-	Y	2b
712	NBB-22	N/A	C24H23N3O2; Quinolin-8-yl 1-(cyclohexylmethyl)-1H-indazole-3-carboxylate	-	-	Y	2b
713	NESS-040C5	N/A	C27H33N3OS; 1-[(4-Methylphenyl)methyl]-N-[5-methyl-2-(propan-2-yl)cyclohexyl]-1,4-dihydrothieno[3′,2′:4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
714	NM-2201	CBL-2201	C24H22FNO2; Naphthalen-1-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate	Y	Y	Y	1
715	NM-CHM	N/A	C26H25NO2; Naphthalen-1-yl 1-(cyclohexylmethyl)-1H-indole-3-carboxylate	-	-	Y	2b
716	NMP-7	N/A	C23H28N2O; (9-Pentyl-9H-carbazol-3-yl)(piperidin-1-yl)methanone	-	-	Y	2b
717	NNEI 2-INDAZOLE ISOMER	N-(naphthalen-1-yl)-2-pentyl-2H-indazole-3-carboxamide; NNE1 2'-indazole isomer	C23H23N3O; N-(naphthalen-1-yl)-2-pentyl-2H-indazole-3-carboxamide	Y	-	-	1
718	NNL-1	N/A	C17H23FN4O2; N-[(2S)-1-Amino-1-oxobutan-2-yl]-1-(5-fluoropentyl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	-	-	Y	2a
719	NNL-2	BZP-2201; 5F-BEPIRAPIM	C25H30FN3O; (4-Benzylpiperazin-1-yl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	-	-	Y	2a
720	NNL-3	N/A	C19H18FN5O2; 1-{[1-(5-Fluoropentyl)-1H-pyrrolo[2,3-b]pyridine-3-carbonyl]oxy}-1H-benzotriazole	-	-	Y	2a
721	NONABINE	BRL-4664	C25H33NO2; 2,2-Dimethyl-7-(3-methyloctan-2-yl)-4-(pyridin-4-yl)-2H-1-benzopyran-5-ol	-	-	Y	2b
722	O-1057	N/A	C32H46N2O4; (6aR,10aR)-3-(6-Cyano-2-methylhexan-2-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-yl 4-(morpholin-4-yl)butanoate	-	-	Y	2b
723	O-1064	N/A	C26H44FNO; (5Z,8Z,11Z,14Z)-N-(2-Fluoroethyl)-2,16,16-trimethylhenicosa-5,8,11,14-tetraenamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
724	O-1125	N/A	C26H39NO3; 6-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-N,N,6-trimethylheptanamide	-	-	Y	2b
725	O-1238	N/A	C22H29N3O2; (6aR,10aR)-3-[(2Z)-6-Azidohex-2-en-1-yl]-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
726	O-1248	N/A	C19H17Cl3N4O; 7-Chloro-1-(2,4-dichlorophenyl)-N-(piperidin-1-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
727	O-1269	N/A	C22H22Cl3N3O; 5-(4-Chlorophenyl)-1-(2,4-dichlorophenyl)-4-methyl-N-pentyl-1H-pyrazole-3-carboxamide	-	-	Y	2b
728	O-1376	N/A	C25H36O; 5′-Methyl-4-(2-methyloctan-2-yl)-2′-(propan-2-yl)[1,1′-biphenyl]-2-ol	-	-	Y	2b
729	O-1422	N/A	C21H34O2; 2-Cyclohexyl-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2b
730	O-1424	N/A	C20H32O2; 2-Cyclopentyl-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2b
731	O-1425	N/A	C20H32O2S; 5-(2-Methyloctan-2-yl)-2-(thian-4-yl)benzene-1,3-diol	-	-	Y	2b
732	O-1601	N/A	C25H36O2; 5′-(Hydroxymethyl)-4-(2-methyloctan-2-yl)-2′-(propan-2-yl)[1,1′-biphenyl]-2-ol	-	-	Y	2b
733	O-1602	N/A	C17H22O2; (1′R,2′R)-5′,6-Dimethyl-2′-(prop-1-en-2-yl)-1′,2′,3′,4′-tetrahydro[1,1′-biphenyl]-2,4-diol	-	-	Y	2b
734	O-1656	N/A	C22H36O2; 2-Cycloheptyl-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2b
735	O-1658	N/A	C22H36O2; 2-(2-Methylcyclohexyl)-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2b
736	O-1660	N/A	C25H38O2; 2-(Adamantan-2-yl)-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2b
737	O-1663	N/A	C27H38O2; 14-(2-Methyloctan-2-yl)-21,22,23,24,25,26-hexahydro[11,21:24,31-terphenyl]-12,16-diol	-	-	Y	2b
738	O-1812	N/A	C26H42N2O2; (5Z,8Z,11Z,14Z)-20-Cyano-N-[(2R)-1-hydroxypropan-2-yl]-16,16-dimethylicosa-5,8,11,14-tetraenamide	-	-	Y	2b
739	O-1826	N/A	C22H36O2; 2-[(3S)-3-Methylcyclohexyl]-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2b
740	O-1871	N/A	C23H38O2; 2-(3,3-Dimethylcyclohexyl)-5-(2-methyloctan-2-yl)benzene-1,3-diol	-	-	Y	2a

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
741	O-1918	N/A	C19H26O2; (1R,2R)-2′,6′-Dimethoxy-4′,5-dimethyl-2-(prop-1-en-2-yl)-1,2,3,4-tetrahydro-1,1′-biphenyl	-	-	Y	2b
742	O-1966	N/A	C24H40O3; 1-[2,6-Dimethoxy-4-(2-methyloctan-2-yl)phenyl]-3-methylcyclohexan-1-ol	-	-	Y	2b
743	O-2050	N/A	C23H31NO4S; N-{6-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]hex-4-yn-1-yl}methanesulfonamide	-	-	Y	2b
744	O-2113	N/A	C25H39NO4S; N-{5-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-5-methylhexyl} ethanesulfonamide	-	-	Y	2b
745	O-2372	N/A	C28H41NO4; 6-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-6-methyl-1-(morpholin-4-yl)heptan-1-one	-	-	Y	2b
746	O-2373	N/A	C29H43NO3; 6-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-6-methyl-1-(piperidin-1-yl)heptan-1-one	-	-	Y	2b
747	O-2545	N/A	C26H36N2O2; (6aR,10aR)-3-[6-(1H-Imidazol-1-yl)-2-methylhexan-2-yl]-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
748	O-2694	N/A	C38H60N2O5; (6aR,10aR)-6,6,9-Trimethyl-3-[2-methyl-7-(morpholin-4-yl)-7-oxoheptan-2-yl]-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-yl 4-[di(propan-2-yl)amino]butanoate	-	-	Y	2b
749	O-774	N/A	C25H35NO2; 7-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-7-methyloctanenitrile	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
750	O-806	N/A	C22H27BrO2; (6aR,10aR)-3-(6-Bromohex-2-yn-1-yl)-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
751	O-823	N/A	C23H27NO2; 7-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]hept-5-ynenitrile	-	-	Y	2b
752	ORG 27569	N/A	C24H28ClN3O; 5-chloro-3-ethyl-1H-indole-2-carboxylic acid [2-(4-piperidin-1-yl-phenyl)ethyl]amide	Y	Y	Y	1
753	ORG 27759	N/A	C21H24FN3O; N-{2-[4-(dimethylamino)phenyl]ethyl}-3-ethyl-5-fluoro-1H-indole-2-carboxamide	Y	Y	Y	1
754	ORG 28312	N/A	C24H35N3O2; [1-(Cyclohexylmethyl)-7-methoxy-1H-indol-3-yl][(3R,5S)-3,4,5-trimethylpiperazin-1-yl]methanone	-	-	Y	2b
755	ORG 28611	SCH-900,111;	C23H33N3O2; [1-(Cyclohexylmethyl)-7-methoxy-1H-indol-3-yl][(3S)-3,4-dimethylpiperazin-1-yl]methanone	-	-	Y	2b
756	ORG 29647	N/A	C22H24ClN3O; (R)-N-(1-Benzylpyrrolidin-3-yl)-5-chloro-3-ethyl-1H-indole-2-carboxamide fumarate	Y	Y	Y	1
757	ORTHO-RCS-4	RCS-2	C21H23NO2; (2-Methoxyphenyl)(1-pentyl-1H-indol-3-yl)methanone	Y	Y	Y	1
758	P-F-CUMYL-THPICA	N/A	C24H27FN2O2; N-[2-(4-Fluorophenyl)propan-2-yl]-1-[(oxan-4-yl)methyl]-1H-indole-3-carboxamide	-	-	Y	2b
759	PARAHEXYL	Synhexyl; n-hexyl-Δ3THC; n-Hexyl-D3-THC	C22H32O2; 3-Hexyl-6,6,9-trimethyl-7,8,9,10-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2a
760	PB-22	QUPIC; 1-Pentyl-8-quinolinyl ester-1H-in	C23H22N2O2; 1-Pentyl-1H-indole-3-carboxylic acid 8-quinolinyl ester	Y	Y	Y	1
761	PB-22 N-(2-FLUOROPENTYL)	N/A	C23H21FN2O2; quinolin-8-yl 1-(2-fluoropentyl)-1H-indole-3-carboxylate	Y	-	-	1
762	PB-22 N-(4-FLUOROPENTYL)	N/A	C22H20FN3O2; Quinolin-8-yl 1-(4-fluoropentyl)-1H-indazole-3-carboxylate	Y	-	-	1
763	PENTENYL-CP 47,497	N/A	C17H24O2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-(pent-4-en-1-yl)phenol	-	-	Y	2b
764	PENTYL NAPHTHOYL BENZIMIDAZOLONE	N/A	C23H22N2O2; 1-(Naphthalene-1-carbonyl)-3-pentyl-1,3-dihydro-2H-benzimidazol-2-one	-	-	Y	2b
765	PENTYL NAPHTHOYL BENZOTHIAZOLE	N/A	C23H23NOS; (Naphthalen-1-yl)(3-pentyl-2,3-dihydro-1,3-benzothiazol-2-yl)methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
766	PENTYL NAPHTHOYL PYRAZOLOPYRIDINE 6N	N/A	C22H21N3O; (Naphthalen-1-yl)(1-pentyl-1H-pyrazolo[3,4-c]pyridin-3-yl)methanone	-	-	Y	2b
767	PENTYL NAPHTHOYL PYRAZOLOPYRIDINE 7N	N/A	C22H21N3O; (Naphthalen-1-yl)(1-pentyl-1H-pyrazolo[3,4-b]pyridin-3-yl)methanone	-	-	Y	2b
768	PENTYL NAPHTHOYLIMIDAZOLE	N/A	C19H20N2O; (Naphthalen-1-yl)(1-pentyl-1H-imidazol-4-yl)methanone	-	-	Y	2b
769	PENTYL NAPHTHOYLINDANE	N/A	C25H26O; (Naphthalen-1-yl)(3-pentyl-2,3-dihydro-1H-inden-1-yl)methanone	-	-	Y	2b
770	PENTYL-CP 47,497	N/A	C17H26O2; 2-[(1S,3R)-3-Hydroxycyclohexyl]-5-pentylphenol	-	-	Y	2b
771	PERROTTETINENE	cis-PET	C24H28O2; (6aS,10aR)-6,6,9-Trimethyl-3-(2-phenylethyl)-6a,7,8,10a-tetrahydro-6H-dibenzo[b,d]pyran-1-ol	-	-	Y	2b
772	PF-04457845	PF-04457845; 1020315-31-4; UNII-H4C81M8Y	C23H20F3N5O2; N-(Pyridazin-3-yl)-4-[(3-{[5-(trifluoromethyl)pyridin-2-yl]oxy}phenyl)methylidene]piperidine-1-carboxamide	-	-	Y	2b
773	PF-3845	PF-3845; 1196109-52-0; PF3845; PF 3845	C24H23F3N4O2; N-(Pyridin-3-yl)-4-[(3-{[5-(trifluoromethyl)pyridin-2-yl]oxy}phenyl)methyl]piperidine-1-carboxamide	-	-	Y	2b
774	PF-514273	PF-514273; 851728-60-4; PF 514273; FJMQJ	C21H17Cl2F2N3O2; 2-(2-Chlorophenyl)-3-(4-chlorophenyl)-7-(2,2-difluoropropyl)-6,7-dihydro-2H-pyrazolo[3,4-f][1,4]oxazepin-8(5H)-one	-	-	Y	2b
775	PIPISB	[11C]PipISB	C27H26FN3O3S; N-[(4-Fluorophenyl)methyl]-4-[3-(piperidin-1-yl)-1H-indole-1-sulfonyl]benzamide	-	-	Y	2b
776	PSB-SB-1202	N/A	C23H26O4; 5-Methoxy-3-[(2-methoxyphenyl)methyl]-7-pentyl-2H-1-benzopyran-2-one	-	-	Y	2b
777	PSB-SB-487	N/A	C26H32O4; 5-Hydroxy-3-[(2-hydroxyphenyl)methyl]-7-(2-methylnonan-2-yl)-2H-1-benzopyran-2-one	-	-	Y	2b
778	QMPSB	N/A	C22H22N2O4S; Quinolin-8-yl 4-methyl-3-(piperidine-1-sulfonyl)benzoate	-	-	Y	2a
779	QUINOLIN-8-YL 3-(AZEPANE-1-SULFONYL)BENZOATE	N/A	C22H22N2O4S; Quinolin-8-yl 3-(azepane-1-sulfonyl)benzoate	-	-	Y	2b
780	QUINOLIN-8-YL 3-(PIPERIDINE-1-SULFONYL)BENZOATE	N/A	C21H20N2O4S; Quinolin-8-yl 3-(piperidine-1-sulfonyl)benzoate	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
781	QUINOLIN-8-YL 4-METHYL-3-(MORPHOLINE-4-SULFONYL)BENZOATE	N/A	C21H20N2O5S; Quinolin-8-yl 4-methyl-3-(morpholine-4-sulfonyl)benzoate	-	-	Y	2b
782	QUINOLIN-8-YL-1-BENZYL-1H-INDAZOLE-3-CARBOXYLATE	N/A	C24H17N3O2; Quinolin-8-yl-1-benzyl-1H-indazole-3-carboxylate	Y	-	-	1
783	QUINOLINYL FLUOROPENTYL FLUOROPHENYL PYRAZOLE CARBOXYLATE	N/A	C24H21F2N3O2; Quinolin-8-yl 1-(5-fluoropentyl)-5-(2-fluorophenyl)-1H-pyrazole-3-carboxylate	-	-	Y	2b
784	RCS-4	3-(4-Methoxybenzoyl)-1-pentylindole	C21H23NO2; (4-methoxyphenyl)-(1-pentylindol-3-yl)methanone	Y	Y	Y	1
785	RIMONABANT	Acomplia; SR141,716	C22H21Cl3N4O; 5-(4-Chlorophenyl)-1-(2,4-dichloro-phenyl)-4-methyl-N-(piperidin-1-yl)-1H-pyrazole-3-carboxamide	Y	-	Y	1
786	S-444,823	N/A	C25H33N3O4S; 3-(2-{[1-(Cyclohexylmethyl)-2-oxo-1,2,5,6,7,8,9,10-octahydrocycloocta[b]pyridine-3-carbonyl]amino}-1,3-thiazol-4-yl)propanoic acid	-	-	Y	2b
787	SDB-002	APICA; SDB-001; UNII-HKU510FH74	C25H34N2O; N-[(Adamantan-1-yl)methyl]-1-pentyl-1H-indole-3-carboxamide	-	-	Y	2b
788	SDB-004	CHM-PICA	C21H30N2O; N-(Cyclohexylmethyl)-1-pentyl-1H-indole-3-carboxamide	-	-	Y	2b
789	SDB-005	N/A	C23H21N2O2; 1-pentyl-1H-indazole-3- carboxylic-acid-naphthalen-1-yl ester	Y	Y	Y	1
790	SDB-006	N/A	C21H24N2O; N-benzyl-1-pentyl-1H-indole-3-carboxamide	Y	Y	Y	1
791	SER-601	COR-167	C28H38N2O2; N-(Adamantan-1-yl)-4-oxo-1-pentyl-6-(propan-2-yl)-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2a
792	SGT-10	N/A	C25H28N2O2; 1-(Cyclohexylmethyl)-N-[(1S,2R)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]-1H-indole-3-carboxamide	-	-	Y	2b
793	SGT-100	N/A	C24H31FN2O; N-(Adamantan-2-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide	-	-	Y	2b
794	SGT-101	N/A	C21H22F2N2O; 1-(5-Fluoropentyl)-N-[(4-fluorophenyl)methyl]-1H-indole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
795	SGT-108	N/A	C20H19Cl2FN2O; N-(2,3-Dichlorophenyl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide	-	-	Y	2b
796	SGT-12	(CHM) p-CN-JWH-018	C27H24N2O; 4-[1-(Cyclohexylmethyl)-1H-indole-3-carbonyl]naphthalene-1-carbonitrile	-	-	Y	2b
797	SGT-138	2AD-2NE1	C24H32N2O; N-(Adamantan-2-yl)-1-pentyl-1H-indole-3-carboxamide	-	-	Y	2b
798	SGT-139	P-F-SDB-006	C21H23FN2O; N-[(4-Fluorophenyl)methyl]-1-pentyl-1H-indole-3-carboxamide	-	-	Y	2b
799	SGT-142	cis-MYRTANYL-PINACA	C23H33N3O; N-{[(2S)-6,6-Dimethylbicyclo[3.1.1]heptan-2-yl]methyl}-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
800	SGT-147	N/A	C24H27FN2O2; 1-(5-Fluoropentyl)-4-oxo-N-(2-phenylpropan-2-yl)-1,4-dihydroquinoline-3-carboxamide	-	-	Y	2b
801	SGT-148	CUMYL-DMBINACA	C23H29N3O; -(3,3-Dimethylbutyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
802	SGT-149	CUMYL-FUBINACA	C24H22FN3O; 1-[(4-Fluorophenyl)methyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
803	SGT-15	AM-2201 Methoxynaphtyl analog	C25H24FNO2; [1-(5-Fluoropentyl)-1H-indol-3-yl](4-methoxynaphthalen-1-yl)methanone	-	-	Y	2a
804	SGT-150	CUMYL-MPMINACA	C24H30N4O; 1-[(1-Methylpiperidin-2-yl)methyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
805	SGT-152	N/A	C25H29N3O; 1-[(Bicyclo[2.2.1]heptan-2-yl)methyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
806	SGT-156	CUMYL-CHMICA	C25H30N2O; 1-(Cyclohexylmethyl)-N-(2-phenylpropan-2-yl)-1H-indole-3-carboxamide	-	-	Y	2b
807	SGT-157	p-Cl-CUMYL-PINACA	C22H26ClN3O; N-[2-(4-Chlorophenyl)propan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
808	SGT-158	N/A	C22H25ClFN3O; N-[2-(4-Chlorophenyl)propan-2-yl]-1-(5-fluoropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b
809	SGT-16	5F-AB-001	C24H30FNO; (Adamantan-1-yl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	Y	-	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
810	SGT-162	N/A	C22H24FN3O; 1-(5-Fluoropentyl)-N-(1-phenylcyclopropyl)-1H-indazole-3-carboxamide	-	-	Y	2b
811	SGT-177	2AD-2NE1-6F	C24H31FN2O; N-(Adamantan-2-yl)-6-fluoro-1-pentyl-1H-indole-3-carboxamide	-	-	Y	2b
812	SGT-18	EAM-2232	C26H24N2O; 5-[3-(4-Ethylnaphthalene-1-carbonyl)-1H-indol-1-yl]pentanenitrile	-	-	Y	2b
813	SGT-184	CUMYL-MEINACA	C23H28N4O2; 1-[2-(Morpholin-4-yl)ethyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
814	SGT-185	N/A	C20H23N3O; N-(2-Phenylpropan-2-yl)-1-propyl-1H-indazole-3-carboxamide	-	-	Y	2b
815	SGT-186	N/A	C23H29N3O; 1-Hexyl-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
816	SGT-187	N/A	C24H31N3O; 1-Heptyl-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
817	SGT-188	CUMYL-THPICA	C24H28N2O2; 1-[(Oxan-4-yl)methyl]-N-(2-phenylpropan-2-yl)-1H-indole-3-carboxamide	-	-	Y	2b
818	SGT-19	F-2201; 4'-F-AM-2201; JWH-412 N-(-5-FLUOROPENTYL)	C24H21F2NO; (4-Fluoronaphthalen-1-yl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	Y	Y	Y	1
819	SGT-194	2AD-ATHPINACA; 2-Adamantyl-THPINACA	C24H31N3O2; N-(Adamantan-2-yl)-1-[(oxan-4-yl)methyl]-1H-indazole-3-carboxamide	Y	-	Y	1
820	SGT-197	N/A	C22H23FN2O2; N-[(4-Fluorophenyl)methyl]-1-[(oxan-4-yl)methyl]-1H-indole-3-carboxamide	-	-	Y	2b
821	SGT-1A	PNI-E	C22H25NO; (3,4-Dimethylphenyl)(1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
822	SGT-20	4'-Cl-AM-2201; Cl-2201	C24H21ClFNO; (4-Chloronaphthalen-1-yl)[1-(5-fluoropentyl)-1H-indol-3-yl]methanone	Y	-	Y	1
823	SGT-214	N/A	C22H25FN2O2; 2-Phenylpropan-2-yl 1-(5-fluoropentyl)-1H-indazole-3-carboxylate	-	-	Y	2b
824	SGT-22	C4-APINACA; (C4)-AKB48	C22H29N3O; N-(Adamantan-1-yl)-1-butyl-1H-indazole-3-carboxamide	-	-	Y	2b
825	SGT-225-R	BLKB-1	C21H25N3O; 1-Pentyl-N-[(1R)-1-phenylethyl]-1H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
826	SGT-23	CUMYL-BINACA	C21H25N3O; 1-Butyl-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
827	SGT-233	N/A	C22H26F2N2O3S; 3-(4,4-Difluoropiperidine-1-sulfonyl)-4-methyl-N-(2-phenylpropan-2-yl)benzamide	-	-	Y	2b
828	SGT-234	CUMYL-PIPETINACA	C24H30N4O; N-(2-Phenylpropan-2-yl)-1-[2-(piperidin-1-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
829	SGT-235	N/A	C24H28F2N4O; 1-[2-(4,4-Difluoropiperidin-1-yl)ethyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
830	SGT-237	CUMYL-P7AICA	C22H27N3O; 1-Pentyl-N-(2-phenylpropan-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	-	-	Y	2b
831	SGT-240	N/A	C25H30N2O2; 1-Pentyl-N-(4-phenyloxan-4-yl)-1H-indole-3-carboxamide	-	-	Y	2b
832	SGT-247	N/A	C25H30N2O; 1-Pentyl-N-(1-phenylcyclopentyl)-1H-indole-3-carboxamide	-	-	Y	2b
833	SGT-25	CUMYL-5F-PINACA; 5F-CUMYL-PINACA; GBX	C22H26FN3O; -(5-Fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	Y	Y	Y	1
834	SGT-250	N/A	C23H28N2O; 2-Methyl-N-(1-pentyl-1H-indol-3-yl)-2-phenylpropanamide	-	-	Y	2b
835	SGT-255	N/A	C23H28FN3O; 1-(5-Fluoropentyl)-N-(2-phenylbutan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
836	SGT-257	DMH-PINACA	C22H35N3O; N-(2-Methyloctan-2-yl)-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
837	SGT-259	N/A	C22H27N3O2; 2-Oxo-3-pentyl-N-(2-phenylpropan-2-yl)-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
838	SGT-260	N/A	C24H27N3O; 1-Pentyl-3-[3-(2-phenylpropan-2-yl)-1,2,4-oxadiazol-5-yl]-1H-indole	-	-	Y	2b
839	SGT-263	CUMYL-5F-P7AICA; 5F-CUMYL-P7AICA	C22H26FN3O; 1-(5-Fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide	Y	Y	Y	1
840	SGT-27	(Indazole) JWH-122; THJ-122	C24H24N2O; (4-Methylnaphthalen-1-yl)(1-pentyl-1H-indazol-3-yl)methanone	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
841	SGT-30	(Indazole) EAM-2201	C25H25FN2O; (4-Ethylnaphthalen-1-yl)[1-(5-fluoropentyl)-1H-indazol-3-yl]methanone	-	-	Y	2b
842	SGT-35	(Indazole) JWH-081; THJ-081	C24H24N2O2; (4-Methoxynaphthalen-1-yl)(1-pentyl-1H-indazol-3-yl)methanone	-	-	Y	2b
843	SGT-37	ADAMANTYL-CHMINACA; AKB-CHM	C25H33N3O; N-(Adamantan-1-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide	Y	Y	Y	1
844	SGT-38	(Indazole) JWH-210; THJ-210	C25H26N2O; (4-Ethylnaphthalen-1-yl)(1-pentyl-1H-indazol-3-yl)methanone	-	-	Y	2b
845	SGT-41	CUMYL-CHMINACA	C24H29N3O; 1-(Cyclohexylmethyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
846	SGT-42	CUMYL-THPINACA	C23H27N3O2; 1-[(Oxan-4-yl)methyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	Y	Y	Y	1
847	SGT-43	N/A	C25H24N2O2; (4-Methylnaphthalen-1-yl){1-[(oxan-4-yl)methyl]-1H-indazol-3-yl}methanone	-	-	Y	2b
848	SGT-46	N/A	C20H20N2O4S; Quinolin-8-yl 4-methyl-3-[(propan-2-yl)sulfamoyl]benzoate	-	-	Y	2b
849	SGT-47	N/A	C21H29N3OS; 2-Methoxy-N-methyl-N-{[2-(1-pentyl-1H-indol-3-yl)-1,3-thiazol-4-yl]methyl}ethan-1-amine	-	-	Y	2b
850	SGT-48	PTI-1	C21H29N3S; N,N-Diethyl-2-(1-pentyl-1H-indol-3-yl)-4-thiazolemethanamine	Y	Y	Y	1
951	SGT-49	PTI-2	C23H33N3OS; N-(2-Methoxyethyl)-N-{[2-(1-pentyl-1H-indol-3-yl)-1,3-thiazol-4-yl]methyl}propan-2-amine	-	-	Y	2a
852	SGT-5	N/A	C24H25N3O; 3-(3-Benzyl-1,2,4-oxadiazol-5-yl)-1-(cyclohexylmethyl)-1H-indole	-	-	Y	2b
853	SGT-50	(CHM) JWH-122; CHM-122	C27H27NO; [1-(Cyclohexylmethyl)-1H-indol-3-yl](4-methylnaphthalen-1-yl)methanone	-	-	Y	2b
854	SGT-52	N/A	C20H28FN3O; [(3S)-3,4-Dimethylpiperazin-1-yl][1-(5-fluoropentyl)-1H-indol-3-yl]methanone	-	-	Y	2b
855	SGT-53	N/A	C22H33N3O; [(3R,5S)-4-Ethyl-3,5-dimethylpiperazin-1-yl](1-pentyl-1H-indol-3-yl)methanone	-	-	Y	2b
856	SGT-55	CUMYL-BICA	C22H26N2O; 1-Butyl-N-(2-phenylpropan-2-yl)-1H-indole-3-carboxamide	Y	Y	Y	1

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
857	SGT-56	CUMYL-PICA	C23H28N2O; 1-Pentyl-N-(2-phenylpropan-2-yl)-1H-indole-3-carboxamide	Y	Y	Y	1
858	SGT-57	TMCP-PINACA	C20H29N3O; 1-Pentyl-N-(2,2,3,3-tetramethylcyclopropyl)-1H-indazole-3-carboxamide	-	-	Y	2b
859	SGT-58	(THPM) PB-22; QUTHPIC	C24H22N2O3; Quinolin-8-yl 1-[(oxan-4-yl)methyl]-1H-indole-3-carboxylate	-	-	Y	2b
860	SGT-59	CHP-PINACA	C20H29N3O: N-Cycloheptyl-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
861	SGT-60	p-F-CUMYL-PINACA	C22H26FN3O; N-[2-(4-Fluorophenyl)propan-2-yl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
862	SGT-62	PRAM-2201; PR-2201	C27H28FNO; [1-(5-Fluoropentyl)-1H-indol-3-yl](4-propylnaphthalen-1-yl)methanone	-	-	Y	2b
863	SGT-64	N/A	C23H26F2N2O; 1-(5-Fluoropentyl)-N-[2-(4-fluorophenyl)propan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
864	SGT-65	N/A	C22H25F2N3O; 1-(5-Fluoropentyl)-N-[2-(4-fluorophenyl)propan-2-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
865	SGT-66	BENZYL-PINACA	C20H23N3O; N-Benzyl-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
866	SGT-67	CUMYL-5F-PICA; 5F-CUMYL-PICA	C23H27FN2O; 1-(5-Fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indole-3-carboxamide	Y	Y	Y	1
867	SGT-68	N/A	C22H32FN3O; [(3R,5S)-4-Ethyl-3,5-dimethylpiperazin-1-yl][1-(5-fluoropentyl)-1H-indol-3-yl]methanone	-	-	Y	2b
868	SGT-69	ADB-TFBICA	C19H24F3N3O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(4,4,4-trifluorobutyl)-1H-indole-3-carboxamide	-	-	Y	2b
869	SGT-70	ADB-THPICA	C21H29N3O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(oxan-4-yl)methyl]-1H-indole-3-carboxamide	-	-	Y	2b
870	SGT-78	CUMYL-4CN-BINACA; CUMYL-CYBINACA	C22H24N4O; 1-(4-Cyanobutyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	Y	Y	Y	1
871	SGT-8	(CHM) 7-MeO-JWH-081	C28H29NO3; [1-(Cyclohexylmethyl)-7-methoxy-1H-indol-3-yl](4-methoxynaphthalen-1-yl)methanone	-	-	Y	2b
872	SGT-81	PROPYL-PINACA	C16H23N3O; 1-Pentyl-N-propyl-1H-indazole-3-carboxamide	-	-	Y	2b
873	SGT-83	PENTYL-PINACA	C18H27N3O; N,1-Dipentyl-1H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
874	SGT-85	CHX-PINACA	C19H27N3O; N-Cyclohexyl-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
875	SGT-86	2AD-AKB48; 2AD-APINACA	C23H31N3O; N-(Adamantan-2-yl)-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
876	SGT-87	DCBN-PINACA	C20H21Cl2N3O; N-[(3,4-Dichlorophenyl)methyl]-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
877	SGT-88	THQ-PINACA	C22H25N3O; (3,4-Dihydroquinolin-1(2H)-yl)(1-pentyl-1H-indazol-3-yl)methanone	-	-	Y	2b
878	SGT-9	N/A	C26H30N2O; 1-(Cyclohexylmethyl)-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]-1H-indole-3-carboxamide	-	-	Y	2b
879	SPICE	Spice products: Spice Silver; Spice Gold	C21H30O2; C25H38O3; C21H34O2; C24H23NO; C22H25NO2; ...	-	Y	Y	1
880	SR-144,528	N/A	C29H34ClN3O; 5-(4-Chloro-3-methylphenyl)-1-[(4-methylphenyl)methyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-pyrazole-3-carboxamide	-	-	Y	2a
881	STS-135	STS-135;5-fluoro-APICA	C24H31FN2O; N-(adamantan-1-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide	Y	Y	Y	1
882	TEDALINIB	GRC-10693	C19H21F2N3O; (4S,7R)-N-tert-Butyl-1-(2,4-difluorophenyl)-4,5,6,7-tetrahydro-1H-4,7-methanoindazole-3-carboxamide	-	-	Y	2b
883	THJ-018	N/A	C23H22N2O; 1-naphthalenyl(1-pentyl-1H-indazol-3-yl)-methanone	Y	Y	Y	1
884	THJ-2201	5F-JWH-018-N; 5F-THJ-018; AM-2201 indazole	C23H21FN2O; 1-[(5-fluoropentyl)-1H-indazol-3-yl](naphthalen-1-yl)methanone	Y	Y	Y	1
885	TINABINOL	SP-119; Tinabino-lum	C23H34O2S; 5,5-Dimethyl-8-(3-methyloctan-2-yl)-1,2,3,5-tetrahydrothiopyrano[2,3-c][1]benzopyran-10-ol	-	-	Y	2b
886	TRANS-1-[2-HYDROXY-4-(1,1-DIMETHYLHEPTYL)PHENYL]-2-(3-HYDROXYPROPYL)CYCLOHEXANE	US 4371720 #1-23	C24H40O2; 2-[(1R,2S)-2-(3-Hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
887	TRANS-CP 47,497-C8	trans CP 47,497-C8 homologue	C22H36NO2; 2-((1S,3S)-3-hydroxycyclohexyl)-5-(2-methylnonan-2-yl)phenol	Y	Y	Y	1
888	UR -144 (-2H)	XLR11 N-(4-pentenyl); UR-144 N-(4-pentenyl)	C21H27NO; (1-(pent-4-en-1-yl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
889	UR-144	TMCP-018; KM-X1; MN-001; YX-17	C21H29NO; (1-pentylindol-3-yl)-(2,2,3,3-tetramethylcyclopropyl) methanone	Y	Y	Y	1
890	UR-144 N-(3-CHLOROPENTYL)	N/A	C21H28ClNO; [1-(3-chloropentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone	Y	-	-	1
891	URB-447	N/A	C25H21ClN2O; 2-[(1R,2S,5R)-5-Hydroxy-2-(2-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	Y	-	Y	1
892	URB-532	FAAH Inhibitor I; URB532; CHEMBL76745	C18H21NO3; 4-(Benzyloxy)phenyl butylcarbamate	-	-	Y	2b
893	URB-597	KDS-4103	C20H22N2O3; [3-(3-Carbamoylphenyl)phenyl] N-cyclohexylcarbamate	Y	Y	Y	1
894	URB-602	N/A	C19H21NO2; Cyclohexyl [1,1′-biphenyl]-3-ylcarbamate	Y	-	Y	1
895	URB-754	86672-58-4	C16H14N2O2; 6-Methyl-2-(p-tolylamino)-4H-benzo[d][1,3]oxazin-4-one	Y	Y	Y	1
896	URB-937	N/A	C20H22N2O4; 3′-Carbamoyl-6-hydroxy[1,1′-biphenyl]-3-yl cyclohexylcarbamate	-	-	Y	2b
897	US 4371720 #1-20	N/A	C24H40O3; 2-[(1R,2S,5R)-5-Hydroxy-2-(2-hydroxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
898	US 4371720 #1-24	N/A	C25H42O3; (1R,4S)-3-[2-Hydroxy-4-(2-methyloctan-2-yl)phenyl]-4-(3-hydroxypropyl)cycloheptan-1-ol	-	-	Y	2b
899	US 4371720 #1-26	N/A	C27H45NO3; N-[(1R,4S)-3-[2-Hydroxy-4-(2-methyloctan-2-yl)phenyl]-4-(3-hydroxypropyl)cycloheptyl]acetamide	-	-	Y	2b
900	US 4371720 #1-28	N/A	C24H38O3; (3R,4R)-3-[2-Hydroxy-4-(2-methyloctan-2-yl)phenyl]-4-(3-hydroxypropyl)cyclohexan-1-one	-	-	Y	2b
901	US 4371720 #1-29	N/A	C23H38O4; 2-[(1R,2R,5R)-5-Hydroxy-2-(3-hydroxypropyl)cyclohexyl]-5-{[(2S)-octan-2-yl]oxy}phenol	-	-	Y	2b
902	US 4371720 #1-33	N/A	C27H38O4; (1R,4S)-3-(2-Hydroxy-4-{[(2S)-5-phenylpentan-2-yl]oxy}phenyl)-4-(3-hydroxypropyl)cycloheptan-1-ol	-	-	Y	2b
903	US 4371720 #1-6	N/A	C25H42O3; 2-[(1R,2R,5R)-5-Hydroxy-2-(4-hydroxybutyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
904	US 4371720 #1-7	N/A	C26H44O3; 2-[(1R,2R,5R)-5-Hydroxy-2-(5-hydroxypentyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
905	US 4371720 #1-8	N/A	C25H42O3; 2-[(1R,2R,5R)-5-Hydroxy-2-(3-methoxypropyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
906	US 4371720 #2-5	N/A	C22H36O3; 2-[(1S,3S,5R)-3-Hydroxy-5-(hydroxymethyl)cyclohexyl]-5-(2-methyloctan-2-yl)phenol	-	-	Y	2b
907	US 4939138 #2E	N/A	C27H25BrN2O3; (4-Bromonaphthalen-1-yl){(3R)-5-methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}methanone	-	-	Y	2b
908	US 4939138 #2I	N/A	C27H26N2O3; {5-Methyl-2-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
909	US 5068234 #2J	N/A	C23H26N2O2; (4-Methoxyphenyl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
910	US 5068234 #2M	N/A	C21H21FN2O; (2-Fluorophenyl){1-[(1-methylpyrrolidin-2-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
911	US 5292736 #10	N/A	C27H27NO; 4-(2-{(1E)-2-Methyl-1-[(naphthalen-1-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
912	US 5292736 #13	N/A	C24H27NO3; 4-(2-{(1E)-1-[(3,4-Dimethoxyphenyl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
913	US 5292736 #18	N/A	C24H24N2O; 4-[(E)-{3-[2-(Morpholin-4-yl)ethyl]-1H-inden-1-ylidene}methyl]-1H-indole	-	-	Y	2b
914	US 5292736 #19	N/A	C26H25NO2; 4-[(E)-{3-[2-(Morpholin-4-yl)ethyl]-1H-inden-1-ylidene}methyl]naphthalen-1-ol	-	-	Y	2b
915	US 5292736 #3	N/A	C24H27NO2; 4-(2-{(1E)-1-[(4-Methoxyphenyl)methylidene]-2-methyl-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
916	US 5292736 #8	N/A	C27H27NO2; 4-(2-{(1E)-1-[(4-Methoxynaphthalen-1-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
917	US 5292736 #9	N/A	C26H25NO; 4-(2-{(1E)-1-[(Naphthalen-1-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
918	US 6017919 #1-8	N/A	C22H27NO4; (2E)-N-[(4-Hydroxyphenyl)methyl]-3-[4-methoxy-3-(pentyloxy)phenyl]prop-2-enamide	-	-	Y	2b
919	US 6017919 #5-2	N/A	C24H27NO3; N-[2-(4-Hydroxyphenyl)ethyl]-4-(pentyloxy)naphthalene-2-carboxamide	-	-	Y	2b
920	US 6017919 #7-91	N/A	C22H26N4O5; 7-Methoxy-2,4-dioxo-8-(pentyloxy)-N-[2-(pyridin-4-yl)ethyl]-1,4-dihydroquinazoline-3(2H)-carboxamide	-	-	Y	2b
921	US 6509352 #3-25	N/A	C23H25FN2O4; N-[(4-Fluorophenyl)methyl]-7-methoxy-2-oxo-8-(pentyloxy)-1,2-dihydroquinoline-3-carboxamide	-	-	Y	2b
922	US 6930118 #8	N/A	C22H23N3O; 3-(3-Benzyl-1,2,4-oxadiazol-5-yl)-1-pentyl-1H-indole	-	-	Y	2b
923	US 7297796 #17	N/A	C22H31BrN2O3S; 4-Bromo-3-(piperidine-1-sulfonyl)-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]benzamide	-	-	Y	2b
924	US 7297796 #33	N/A	C22H30N2O4S; N-(Adamantan-2-yl)-4-methyl-3-(morpholine-4-sulfonyl)benzamide	-	-	Y	2b
925	US 7297796 #36	N/A	C19H26N2O4S; N-[(2R)-Bicyclo[2.2.1]heptan-2-yl]-4-methyl-3-(morpholine-4-sulfonyl)benzamide	-	-	Y	2b
926	US 7297796 #7	N/A	C22H31BrN2O3S; 4-Bromo-N-[(6,6-dimethylbicyclo[3.1.1]heptan-2-yl)methyl]-3-(piperidine-1-sulfonyl)benzamide	-	-	Y	2b
927	US 7297796 #76	N/A	C21H32N2O4S; 4-Methyl-3-(morpholine-4-sulfonyl)-N-(3,3,5-trimethylcyclohexyl)benzamide	-	-	Y	2b
928	US 7297796 #9	N/A	C18H19BrN2O4S; N-Benzyl-4-bromo-3-(morpholine-4-sulfonyl)benzamide	-	-	Y	2b
929	US 7304064 #14	N/A	C25H37N3O2; [1-(Cyclohexylmethyl)-7-methoxy-1H-indol-3-yl][(3R,5S)-4-ethyl-3,5-dimethylpiperazin-1-yl]methanone	-	-	Y	2b
930	US 7304064 #17A	N/A	C25H35N3O2; [1-(Cyclohexylmethyl)-7-methoxy-1H-indol-3-yl][(9aS)-octahydro-2H-pyrido[1,2-a]pyrazin-2-yl]methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
931	US 7700634 #13	N/A	C23H30N4OS; N-({3-[(3R)-3-Cyclohexyl-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl]-1,2,4-thiadiazol-5-yl}methyl)-N-ethylethanamine	-	-	Y	2b
932	US 7700634 #15A	N/A	C22H29ClN4O2S; N-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-thiadiazol-5-yl)methyl]-N-ethyl-2-methoxyethan-1-amine	-	-	Y	2b
933	US 7700634 #20	N/A	C25H34ClN3OS; N-({2-[7-Chloro-1-(cyclohexylmethyl)-1H-indol-3-yl]-1,3-thiazol-4-yl}methyl)-N-(2-methoxyethyl)propan-2-amine	-	-	Y	2b
934	US 7700634 #23D	N/A	C22H28ClN3O2S; N-[(2-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,3-thiazol-4-yl)methyl]-2-methoxy-N-methylethan-1-amine	-	-	Y	2b
935	US 7700634 #38	N/A	C23H30N4OS; 1-(Cyclohexylmethyl)-7-methoxy-3-{5-[(pyrrolidin-1-yl)methyl]-1,3,4-thiadiazol-2-yl}-1H-indole	-	-	Y	2b
936	US 7763732 #10A	N/A	C27H37N5O3S; 1-[(3-{7-Ethyl-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-thiadiazol-5-yl)methyl]-N-(2-hydroxyethyl)piperidine-4-carboxamide	-	-	Y	2b
937	US 7763732 #15	N/A	C20H25ClN4O4S2; N-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-thiadiazol-5-yl)methyl]-N-(2-hydroxyethyl)methanesulfonamide	-	-	Y	2b
938	US 7772227 #10	N/A	C26H37N3O3; [(3R)-3-Cyclohexyl-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl][(3R,5S)-4-(2-methoxyethyl)-3,5-dimethylpiperazin-1-yl]methanone	-	-	Y	2b
939	US 7772227 #12B	N/A	C23H31N3O; [(4S)-4-Cyclopentyl-5,6-dihydro-4H-pyrrolo[3,2,1-ij]quinolin-1-yl](4-ethylpiperazin-1-yl)methanone	-	-	Y	2b
940	US 7772227 #2	N/A	C25H33N3O2; [(3R)-3-Cyclohexyl-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl][(9aS)-octahydro-2H-pyrido[1,2-a]pyrazin-2-yl]methanone	-	-	Y	2b
941	US 7772227 #4	N/A	C23H31N3O2; [(3R)-3-Cyclohexyl-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl][(3S)-3,4-dimethylpiperazin-1-yl]methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
942	US 7772227 #8	N/A	C25H35N3O2; [(3R)-3-Cyclohexyl-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl][(3R,5S)-4-ethyl-3,5-dimethylpiperazin-1-yl]methanone	-	-	Y	2b
943	US 7820144 #2-28	N/A	C21H21IN2O2; (2-Iodophenyl){1-[(4-methylmorpholin-3-yl)methyl]-1H-indol-3-yl}methanone	-	-	Y	2b
944	US 7820144 #2-31	N/A	C25H24N2O2; {1-[(4-Methylmorpholin-3-yl)methyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
945	US 8106218 #3.4	N/A	C25H33Cl2N3OS; 7-Chloro-1-(5-chloropentyl)-N-[(6,6-dimethylbicyclo[3.1.1]heptan-2-yl)methyl]-4,5-dihydro-1H-thieno[2,3-g]indazole-3-carboxamide	-	-	Y	2b
946	VDM-11	VDM 11; 313998-81-1	C27H39NO2; (5Z,8Z,11Z,14Z)-N-(4-Hydroxy-2-methylphenyl)icosa-5,8,11,14-tetraenamide	-	-	Y	2b
947	VIRODHAMINE	O-arachidonoylethanolamine; O-AEA	C22H37NO2; 2-Aminoethyl (5Z,8Z,11Z,14Z)-icosa-5,8,11,14-tetraenoate	-	-	Y	2a
948	WIN 48,098	Pravadoline; Pleconaril; 153168-05-9	C23H26N2O3; (4-Methoxyphenyl){2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	Y	Y	Y	1
949	WIN 53,365	N/A	C26H26N2O2; {2-Methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
950	WIN 54,461	6-Bromopravadoline	C23H25BrN2O3; {6-Bromo-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}(4-methoxyphenyl)methanone	-	-	Y	2b
951	WIN 55,212-3	LSM-15495	C27H26N2O3; {(3S)-5-Methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indol-6-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
952	WIN 55212-2	WIN 55,212-2	C27H26N2O3; (11R)-2-methyl-11-[(morpholin-4-yl)methyl]-3-(naphthalene-1-carbonyl)-9-oxa-1-azatricyclo[6.3.1.0^{4,12}]dodeca-2,4(12),5,7-tetraene	Y	Y	Y	1
953	WIN 56,098	N/A	C30H28N2O2; (Anthracen-9-yl){2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
954	WO 1997/000860 #7	N/A	C27H27BrN2O3; (4-Bromonaphthalen-1-yl){7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
955	WO 1998/037061 #183	N/A	C21H24NO3P; Methyl P-butyl-N-{4-[(naphthalen-1-yl)oxy]phenyl}phosphonamidate	-	-	Y	2b
956	WO 1998/037061 #216	N/A	C22H26F3NO4S; 4-[(2-Propyl-1,2,3,4-tetrahydroisoquinolin-5-yl)oxy]phenyl 4,4,4-trifluorobutane-1-sulfonate	-	-	Y	2b
957	WO 1998/037061 #274	N/A	C20H22F3NO4S; 4,4,4-Trifluoro-N-(3-{[(2R)-2-(hydroxymethyl)-2,3-dihydro-1H-inden-4-yl]oxy}phenyl)butane-1-sulfonamide	-	-	Y	2b
958	WO 1998/037061 #34	N/A	C20H21NO3S; N-{3-[(Naphthalen-1-yl)oxy]phenyl}butane-1-sulfonamide	-	-	Y	2b
959	WO 1998/037061 #39	N/A	C18H19N3O3S; N-{6-[(Quinolin-8-yl)oxy]pyridin-3-yl}butane-1-sulfonamide	-	-	Y	2b
960	WO 1998/037061 #51	N/A	C23H19NO3S; N-{3-[(Naphthalen-1-yl)oxy]phenyl}-1-phenylmethanesulfonamide	-	-	Y	2b
961	WO 1998/037061 #90	N/A	C20H21NO4S2; N-[4-(Naphthalene-1-sulfonyl)phenyl]butane-1-sulfonamide	-	-	Y	2b
962	WO 1998/037061 #92	N/A	C21H23NO4S; N-(4-{[6-(Hydroxymethyl)naphthalen-1-yl]oxy}phenyl)butane-1-sulfonamide	-	-	Y	2b
963	WO 2000/010967 #1	N/A	C19H17F3O6S; 3-{[2-(Hydroxymethyl)-1-benzofuran-7-yl]oxy}phenyl 4,4,4-trifluorobutane-1-sulfonate	-	-	Y	2b
964	WO 2001/058869 #109	N/A	C22H34N4O3; (7S)-7-[(Morpholin-4-yl)methyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-6,7-dihydro-5H-pyrazolo[5,1-b][1,3]oxazine-2-carboxamide	-	-	Y	2b
965	WO 2001/058869 #114	N/A	C26H38N2O2; 7-Methoxy-2-methyl-1-pentyl-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
966	WO 2001/058869 #122	N/A	C29H36N2O3; 7-Methoxy-1-[(4-methoxyphenyl)methyl]-2-methyl-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indole-3-carboxamide	-	-	Y	2b
967	WO 2001/058869 #18	N/A	C26H32N2O5; Methyl (2S)-2-{[6-methoxy-2-methyl-7-(pentyloxy)-1H-indole-3-carbonyl]amino}-3-phenylpropanoate; Methyl N-[6-methoxy-2-methyl-7-(pentyloxy)-1H-indole-3-carbonyl]-L-phenylalaninate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
968	WO 2001/058869 #184	N/A	C21H25N3O3; 5-[(2-Methoxyphenyl)methyl]-1-[2-(morpholin-4-yl)ethyl]-1,5-dihydro-4H-pyrrolo[3,2-c]pyridin-4-one	-	-	Y	2b
969	WO 2001/058869 #189	N/A	C26H34N2O2; 5-Butyl-6-methoxy-2-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-2,5-dihydro-1H-pyrido[4,3-b] indol-1-one	-	-	Y	2b
970	WO 2001/058869 #190	N/A	C28H31N3O2; 6-Methoxy-5-[(pyridin-4-yl)methyl]-2-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-2,5-dihydro-1H-pyrido[4,3-b]indol-1-one	-	-	Y	2b
971	WO 2001/058869 #198	N/A	C28H39N3O2; 2-Methyl-1-[2-(morpholin-4-yl)ethyl]-5-phenyl-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-pyrrole-3-carboxamide	-	-	Y	2b
972	WO 2001/058869 #200	N/A	C29H37N3O2; 1-[2-(Morpholin-4-yl)ethyl]-2-phenyl-5-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1,5-dihydro-4H-pyrrolo[3,2-c]pyridin-4-one	-	-	Y	2b
973	WO 2001/058869 #204	N/A	C22H26N4O3; N-Benzyl-7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
974	WO 2001/058869 #216	N/A	C24H28N4O4; N-[(1S,2R)-2-Hydroxy-2,3-dihydro-1H-inden-1-yl]-7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
975	WO 2001/058869 #223	N/A	C25H38N4O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-(2,2,6,6-tetramethylcyclohexyl)-1H-indazole-3-carboxamide	-	-	Y	2b
976	WO 2001/058869 #23	N/A	C26H32N4O4; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carboxamide; Nα-{7-Methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}-L-phenylalaninamide	-	-	Y	2b
977	WO 2001/058869 #231	N/A	C25H30N4O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
978	WO 2001/058869 #232	N/A	C23H26N4O5; N-[(2H-1,3-Benzodioxol-5-yl)methyl]-7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
979	WO 2001/058869 #256	N/A	C26H36N4O3; N-[(Adamantan-1-yl)methyl]-7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
980	WO 2001/058869 #261	N/A	C25H38N4O3; 7-Methoxy-N-[(1R,2S,5R)-5-methyl-2-(propan-2-yl)cyclohexyl]-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
981	WO 2001/058869 #27	N/A	C24H28N4O4; Methyl (2S)-2-({1-[2-(morpholin-4-yl)ethyl]-1H-pyrrolo[2,3-b]pyridine-3-carbonyl}amino)-3-phenylpropanoate; Methyl N-{1-[2-(morpholin-4-yl)ethyl]-1H-pyrrolo[2,3-b]pyridine-3-carbonyl}-L-phenylalaninate	-	-	Y	2b
982	WO 2001/058869 #280	N/A	C20H28N4O4; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-{[(2R)-oxolan-2-yl]methyl}-1H-indazole-3-carboxamide	-	-	Y	2b
983	WO 2001/058869 #293	N/A	C24H30N4O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
984	WO 2001/058869 #30	N/A	C23H28N4O2; 2-Methyl-1-[2-(morpholin-4-yl)ethyl]-N-[2-(pyridin-2-yl)ethyl]-1H-indole-3-carboxamide	-	-	Y	2b
985	WO 2001/058869 #33	N/A	C27H33N3O6; Methyl (2S)-3-(4-hydroxyphenyl)-2-({7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}amino)propanoate; Methyl N-{7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}-L-tyrosinate	-	-	Y	2b
986	WO 2001/058869 #34	N/A	C23H33N3O5S; Methyl (2S)-2-({7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}amino)-4-(methylsulfanyl)butanoate; Methyl N-{7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}-L-methioninate	-	-	Y	2b
987	WO 2001/058869 #35	N/A	C23H33N3O5; Methyl (2S)-2-({7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}amino)-3-methylbutanoate; Methyl N-{7-methoxy-2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}-L-valinate	-	-	Y	2b
988	WO 2001/058869 #391	N/A	C21H31N5O3; (4-Ethylpiperazin-1-yl){7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazol-3-yl}methanone	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
989	WO 2001/058869 #40	N/A	C26H31N3O4; Methyl (2S)-2-({2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}amino)-3-phenylpropanoate; Methyl N-{2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carbonyl}-L-phenylalaninate	-	-	Y	2b
990	WO 2001/058869 #41	N/A	C25H29N3O2; (3,4-Dihydroquinolin-1(2H)-yl){2-methyl-1-[2-(morpholin-4-yl)ethyl]-1H-indol-3-yl}methanone	-	-	Y	2b
991	WO 2001/058869 #44	N/A	C26H33N3O3; 7-Methoxy-2-methyl-N-[1-(4-methylphenyl)ethyl]-1-[2-(morpholin-4-yl)ethyl]-1H-indole-3-carboxamide	-	-	Y	2b
992	WO 2001/058869 #45	N/A	C24H28N4O4; Methyl (2S)-2-({1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carbonyl}amino)-3-phenylpropanoate; Methyl N-{1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carbonyl}-L-phenylalaninate	-	-	Y	2b
993	WO 2001/058869 #450	N/A	C21H22Cl2N4O3; N-(2,3-Dichlorophenyl)-7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
994	WO 2001/058869 #490	N/A	C22H32N4O3; N-(Cyclohexylmethyl)-7-methoxy-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
995	WO 2001/058869 #50	N/A	C25H36N4O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
996	WO 2001/058869 #507	N/A	C25H34N4O3; (3R)-3-[(Morpholin-4-yl)methyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indazole-6-carboxamide	-	-	Y	2b
997	WO 2001/058869 #55	N/A	C25H26N4O3; 7-Methoxy-1-[2-(morpholin-4-yl)ethyl]-N-(naphthalen-1-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
998	WO 2001/058869 #59	N/A	C23H31N3O4; Methyl (2S)-2-({2,5-dimethyl-1-[2-(morpholin-4-yl)ethyl]-1H-pyrrole-3-carbonyl}amino)-3-phenylpropanoate; Methyl N-{2,5-dimethyl-1-[2-(morpholin-4-yl)ethyl]-1H-pyrrole-3-carbonyl}-L-phenylalaninate	-	-	Y	2b
999	WO 2001/058869 #66	N/A	C19H25N3O3; Methyl (2S)-2-[(1-pentyl-1H-imidazole-4-carbonyl)amino]-3-phenylpropanoate; Methyl N-(1-pentyl-1H-imidazole-4-carbonyl)-L-phenylalaninate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1000	WO 2001/058869 #78	N/A	C24H33N3O5; Methyl (2S)-3,3-dimethyl-2-({(3R)-5-methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indole-6-carbonyl}amino)butanoate; Methyl 3-methyl-N-{(3R)-5-methyl-3-[(morpholin-4-yl)methyl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indole-6-carbonyl}-L-valinate	-	-	Y	2b
1001	WO 2001/058869 #79	N/A	C27H37N3O3; (3R)-5-Methyl-3-[(morpholin-4-yl)methyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-yl]-2,3-dihydro[1,4]oxazino[2,3,4-hi]indole-6-carboxamide	-	-	Y	2b
1002	WO 2001/064763 #63	N/A	C15H16F3NO4S; 3-(4-Ethyl-1,3-oxazol-2-yl)phenyl 4,4,4-trifluorobutane-1-sulfonate	-	-	Y	2b
1003	WO 2002/042248 #109	N/A	C27H25NO3; {4-[2-(Morpholin-4-yl)ethoxy]naphthalen-1-yl}(naphthalen-1-yl)methanone	-	-	Y	2b
1004	WO 2002/042248 #38	N/A	C26H25NO3; Quinolin-8-yl 4-(hexyloxy)naphthalene-1-carboxylate	-	-	Y	2b
1005	WO 2002/042248 #4	N/A	C26H26O3S; 1-(Hexyloxy)-4-(naphthalene-1-sulfonyl)naphthalene	-	-	Y	2b
1006	WO 2002/042269 #54	N/A	C21H21Cl2NOS; (2,3-Dichlorophenyl){7-ethyl-1-[3-(methylsulfanyl)propyl]-1H-indol-3-yl}methanone	-	-	Y	2b
1007	WO 2003/035005 #1	N/A	C24H32N4O2; N-(Adamantan-1-yl)-1-[2-(morpholin-4-yl)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1008	WO 2003/035005 #12	N/A	C21H22IN3O; (2-Iodophenyl){1-[(1-methylpiperidin-2-yl)methyl]-1H-indazol-3-yl}methanone	-	-	Y	2b
1009	WO 2003/035005 #2	N/A	C25H34N4O; N-(Adamantan-1-yl)-1-[(1-methylpiperidin-2-yl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1010	WO 2003/035005 #3	N/A	C23H28N4O; N-(Adamantan-1-yl)-1-(4-cyanobutyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1011	WO 2003/035005 #4	N/A	C22H28ClN3O; N-(Adamantan-1-yl)-1-(4-chlorobutyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1012	WO 2003/035005 #5	N/A	C22H28IN3O; N-(Adamantan-1-yl)-1-(4-iodobutyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1013	WO 2003/066603 #13	N/A	C25H24N2O3; Ethyl 2-ethyl-5,7-dimethyl-3-(naphthalen-1-yl)-4-oxo-3,4-dihydroquinazoline-6-carboxylate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1014	WO 2003/066603 #2	N/A	C24H28N4O8S; Ethyl 2-({[(2-hydroxyethyl)carbamoyl] oxy}methyl)-5,7-dimethyl-3-[2-(methylsulfamoyl)phenyl]-4-oxo-3,4-dihydroquinazoline-6-carboxylate	-	-	Y	2b
1015	WO 2003/066603 #93	N/A	C29H36N4O8S; Cyclobutylmethyl 2-({[(2-hydroxy-2-methylpropyl)carbamoyl] oxy}methyl)-5,7-dimethyl-3-[2-(methylsulfamoyl)phenyl]-4-oxo-3,4-dihydroquinazoline-6-carboxylate	-	-	Y	2b
1016	WO 2004/108688 #8	N/A	C26H39N3O2; [1-(Cyclohexylmethyl)-2-(2-methylbutan-2-yl)-1H-benzimidazol-5-yl][(2R,6S)-2,6-dimethylmorpholin-4-yl]methanone	-	-	Y	2b
1017	WO 2005/016351 #10-030	N/A	C26H29N3O2; 2-Oxo-N-[(1R)-1-phenylethyl]-1-[(pyridin-4-yl)methyl]-1,2,5,6,7,8,9,10-octahydrocy-cloocta[b]pyridine-3-carboxamide	-	-	Y	2b
1018	WO 2005/016351 #11-003	N/A	C24H32N2O2; 1-(Cyclohexylmethyl)-5,6-dimethyl-2-oxo-N-(2-phenylpropan-2-yl)-1,2-dihydropyridine-3-carboxamide	-	-	Y	2b
1019	WO 2005/016351 #13-023	N/A	C24H30N2O2; 1-Butyl-2-oxo-N-(2-phenylpropan-2-yl)-1,2,5,6,7,8-hexahydro-5,8-methanoquinoline-3-carboxamide	-	-	Y	2b
1020	WO 2005/016351 #13-030	N/A	C26H30N2O2; 1-Butyl-5-methyl-2-oxo-6-phenyl-N-(2-phenylpropan-2-yl)-1,2-dihydropyridine-3-carboxamide	-	-	Y	2b
1021	WO 2005/016351 #13-044	N/A	C22H28N2O3; 1-Butyl-2-oxo-N-(2-phenylpropan-2-yl)-1,5,7,8-tetrahydro-2H-pyrano[4,3-b]pyridine-3-carboxamide	-	-	Y	2b
1022	WO 2005/016351 #II-103	N/A	C21H23N3S3; Prop-2-en-1-yl (8Z)-8-[(quinolin-5-yl)imino]-7-thia-9-azaspiro[4.5]decane-9-carbodithioate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1023	WO 2005/028456 #9	N/A	C25H32N2OS; N-(Adamantan-1-yl)-4-pentyl-5-phenyl-1,3-thiazole-2-carboxamide	-	-	Y	2b
1024	WO 2006/129178 #294	N/A	C24H23F2N3O; 1-(2,4-Difluorophenyl)-N-(2-phenylpropan-2-yl)-4,5,6,7-tetrahydro-1H-4,7-methanoindazole-3-carboxamide	-	-	Y	2b
1025	WO 2007/061360 #14	N/A	C31H29N7O3; N-(Cyclobutylmethyl)-6-[(pyridin-2-yl)methoxy]-3-({4-[(1H-1,2,3-triazol-1-yl)methyl]naphthalene-1-carbonyl}amino)pyridine-2-carboxamide	-	-	Y	2b
1026	WO 2008/032164 #13	N/A	C20H30N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-(3,3-dimethylbutyl)-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1027	WO 2008/032164 #132	N/A	C20H28N4O4; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(oxan-4-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1028	WO 2008/032164 #14	N/A	C21H31N5O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(1-methylpiperidin-2-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1029	WO 2008/032164 #152	N/A	C18H26N4O3S; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-4-methyl-3-[2-(methylsulfanyl)ethyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1030	WO 2008/032164 #169	N/A	C21H29FN4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-(cyclohexylmethyl)-5-fluoro-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1031	WO 2008/032164 #176	N/A	C21H31N3O3; 3-(Cyclohexylmethyl)-N-[(2S)-1-hydroxy-3,3-dimethylbutan-2-yl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1032	WO 2008/032164 #188	N/A	C24H27N3O3; 3-(Cyclohexylmethyl)-N-[(1S,2R)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1033	WO 2008/032164 #199	N/A	C23H27N3O2; 2-Oxo-3-pentyl-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1034	WO 2008/032164 #200	N/A	C21H30N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-(cyclohexylmethyl)-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1035	WO 2008/032164 #202	N/A	C19H28N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-2-oxo-3-pentyl-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1036	WO 2008/032164 #21	N/A	C19H28N6O4; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[2-(morpholin-4-yl)ethyl]-2-oxo-2,3-dihydro-1H-imidazo[4,5-b]pyridine-1-carboxamide	-	-	Y	2b
1037	WO 2008/032164 #217	N/A	C20H28N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-(2-cyclobutylethyl)-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1038	WO 2008/032164 #218	N/A	C20H28N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-(3-cyclopropylpropyl)-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1039	WO 2008/032164 #223	N/A	C19H25N5O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-(4-cyanobutyl)-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1040	WO 2008/032164 #231	N/A	C19H22N6O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-2-oxo-3-[(pyrimidin-4-yl)methyl]-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1041	WO 2008/032164 #233	N/A	C18H22N6O4; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(5-methyl-1,2,4-oxadiazol-3-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1042	WO 2008/032164 #238	N/A	C19H23N5O3S; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(2-methyl-1,3-thiazol-5-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1043	WO 2008/032164 #276	N/A	C24H27N3O3; 3-[(Oxan-4-yl)methyl]-2-oxo-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1044	WO 2008/032164 #292	N/A	C18H26N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-butyl-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1045	WO 2008/032164 #293	N/A	C18H23F3N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-2-oxo-3-(4,4,4-trifluorobutyl)-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1046	WO 2008/032164 #304	N/A	C21H27FN4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(4-fluorocyclohex-3-en-1-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1047	WO 2008/032164 #306	N/A	C21H28F2N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(4,4-difluorocyclohexyl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1048	WO 2008/032164 #311	N/A	C21H25N3O4; N-[(2,5-Dimethylfuran-3-yl)methyl]-3-[(oxan-4-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1049	WO 2008/032164 #312	N/A	C19H22N4O4; N-[(5-Methyl-1,2-oxazol-3-yl)methyl]-3-[(oxan-4-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1050	WO 2008/032164 #328	N/A	C20H24N4O3S; N-[(2-Ethyl-1,3-thiazol-4-yl)methyl]-3-[(oxan-4-yl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1051	WO 2008/032164 #348	N/A	C21H24N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-benzyl-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1052	WO 2008/032164 #357	N/A	C21H23FN4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(2-fluorophenyl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1053	WO 2008/032164 #359	N/A	C22H24N6O3; N-[(1S)-1-(5-Amino-1,3,4-oxadiazol-2-yl)-2,2-dimethylpropyl]-3-benzyl-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1054	WO 2008/032164 #363	N/A	C21H23FN4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[(4-fluorophenyl)methyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1055	WO 2008/032164 #4	N/A	C20H29N5O4; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-3-[2-(morpholin-4-yl)ethyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1056	WO 2008/032164 #47	N/A	C23H28N4O3; 3-[2-(Morpholin-4-yl)ethyl]-2-oxo-N-(2-phenylpropan-2-yl)-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1057	WO 2008/032164 #5	N/A	C21H30N4O5; Methyl (2S)-3,3-dimethyl-2-({3-[2-(morpholin-4-yl)ethyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carbonyl}amino)butanoate	-	-	Y	2b
1058	WO 2008/032164 #54	N/A	C24H32N4O3; N-(Adamantan-1-yl)-3-[2-(morpholin-4-yl)ethyl]-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1059	WO 2008/032164 #73	N/A	C24H24N4O3; 3-[2-(Morpholin-4-yl)ethyl]-N-(naphthalen-1-yl)-2-oxo-2,3-dihydro-1H-benzimidazole-1-carboxamide	-	-	Y	2b
1060	WO 2008/101995 #1	N/A	C23H29ClN6O2S; 2-{4-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-thiadiazol-5-yl)methyl]piperazin-1-yl}acetamide	-	-	Y	2b
1061	WO 2008/101995 #24	N/A	C25H33ClN6O4; 2-[(2S)-4-[(3-{7-Chloro-1-[(oxan-4-yl)methyl]-1H-indol-3-yl}-1,2,4-oxadiazol-5-yl)methyl]-2-(hydroxymethyl)piperazin-1-yl]-N-methylacetamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1062	WO 2008/152086 #1	N/A	C25H33N3O; 3-Butyl-5,5-dimethyl-4-phenyl-N-(2-phenylpropan-2-yl)-4,5-dihydro-1H-pyrazole-1-carboxamide	-	-	Y	2b
1063	WO 2009/024819 #1-29	N/A	C28H39N3O3; N-[4-(Cyclopropylamino)-4-oxobutyl]-N-ethyl-9-methyl-3-(oxan-4-yl)-2,3,4,9-tetrahydro-1H-carbazole-6-carboxamide	-	-	Y	2b
1064	WO 2009/037244 #101	N/A	C25H36FN3O; 5-(2-Fluorophenyl)-1-pentyl-N-[(1R,2S,4R)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-yl]-4,5-dihydro-1H-pyrazole-3-carboxamide	-	-	Y	2b
1065	WO 2009/037244 #105	N/A	C24H30FN3O; N-[2-(4-Fluorophenyl)propan-2-yl]-1-pentyl-5-phenyl-4,5-dihydro-1H-pyrazole-3-carboxamide	-	-	Y	2b
1066	WO 2009/106980 #1	N/A	C18H23N5O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(3-cyanopropyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1067	WO 2009/106980 #10	N/A	C25H36N4O2; 1-(Cycloheptylmethyl)-N-[(2S)-1-(cyclopropylamino)-3,3-dimethyl-1-oxobutan-2-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
1068	WO 2009/106980 #133	N/A	C22H32N4O2; 1-(Cyclohexylmethyl)-N-[(2S)-3,3-dimethyl-1-(methylamino)-1-oxobutan-2-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
1069	WO 2009/106980 #15	N/A	C21H30N4O2; N-[(2S)-1-Amino-4-methyl-1-oxopentan-2-yl]-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1070	WO 2009/106980 #173	N/A	C23H32FN5O3; N-{(2S)-1-[(2-Amino-2-oxoethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1-(cyclohexylmethyl)-5-fluoro-1H-indazole-3-carboxamide	-	-	Y	2b
1071	WO 2009/106980 #188	N/A	C24H35FN4O3; 1-(Cyclohexylmethyl)-7-fluoro-N-{(2S)-1-[(3-hydroxypropyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b
1072	WO 2009/106980 #2	N/A	C17H21N5O2; N-[(2S)-1-Amino-3-methyl-1-oxobutan-2-yl]-1-(3-cyanopropyl)-1H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1073	WO 2009/106980 #249	N/A	C19H23N7O2; N-[(1S)-1-(5-Amino-1,3,4-oxadiazol-2-yl)-2,2-dimethylpropyl]-1-(3-cyanopropyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1074	WO 2009/106980 #252	N/A	C24H35FN4O3; 1-(Cyclohexylmethyl)-6-fluoro-N-{(2S)-1-[(3-hydroxypropyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b
1075	WO 2009/106980 #305	N/A	C26H34N6O6; Ethyl 5-({[(2S)-3,3-dimethyl-2-({1-[(oxan-4-yl)methyl]-1H-indazole-3-carbonyl}amino)butanoyl]amino}methyl)-1,3,4-oxadiazole-2-carboxylate	-	-	Y	2b
1076	WO 2009/106980 #307	N/A	C25H33N7O4; N-[(2S)-1-{[(5-Carbamoyl-1,3,4-oxadiazol-2-yl)methyl]amino}-3,3-dimethyl-1-oxobutan-2-yl]-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1077	WO 2009/106980 #333	N/A	C25H26F3N5O5; N-{(2S)-1-[(2-Amino-2-oxoethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1-{2-oxo-2-[4-(trifluoromethoxy)phenyl]ethyl}-1H-indazole-3-carboxamide	-	-	Y	2b
1078	WO 2009/106980 #342	N/A	C25H37N5O4; 1-{2-[Cyclohexyl(methyl)amino]-2-oxoethyl}-N-{(2S)-1-[(2-hydroxyethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b
1079	WO 2009/106980 #387	N/A	C24H31N7O5; N-[(2S)-1-{[(5-Carbamoyl-1,2,4-oxadiazol-3-yl)methyl]amino}-3,3-dimethyl-1-oxobutan-2-yl]-1-[(oxan-4-yl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1080	WO 2009/106980 #4	N/A	C21H21N5O2; N-[(2S)-1-Amino-1-oxo-3-phenylpropan-2-yl]-1-(3-cyanopropyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1081	WO 2009/106980 #433	N/A	C24H36N4O3; 1-(Cycloheptylmethyl)-N-{(2S)-1-[(2-hydroxyethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1082	WO 2009/106980 #435	N/A	C21H27ClF2N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-7-chloro-1-[(4,4-difluorocyclohexyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1083	WO 2009/106980 #442	N/A	C25H35N5O4; 1-(4-Cyanobutyl)-N-[(2S)-1-{[(4-hydroxyoxan-4-yl)methyl]amino}-3,3-dimethyl-1-oxobutan-2-yl]-1H-indazole-3-carboxamide	-	-	Y	2b
1084	WO 2009/106980 #444	N/A	C19H25F3N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(5,5,5-trifluoropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1085	WO 2009/106980 #457	N/A	C20H28N4O2S; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(thian-4-yl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1086	WO 2009/106980 #508	N/A	C18H22F4N4O3; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-7-fluoro-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1087	WO 2009/106980 #528	N/A	C22H30N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(bicyclo[2.2.1]heptan-2-yl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1088	WO 2009/106980 #545	N/A	C19H23F3N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(3,3-difluorocyclobutyl) methyl]-7-fluoro-1H-indazole-3-carboxamide	-	-	Y	2b
1089	WO 2009/106980 #575	N/A	C18H22F4N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-7-fluoro-1-(4,4,4-trifluorobutyl)-1H-indazole-3-carboxamide	-	-	Y	2b
1090	WO 2009/106980 #586	N/A	C21H25F4N5O2; 1-(4-Cyanobutyl)-N-{(2S)-3,3-dimethyl-1-oxo-1-[(2,2,2-trifluoroethyl)amino]butan-2-yl}-7-fluoro-1H-indazole-3-carboxamide	-	-	Y	2b
1091	WO 2009/106980 #6	N/A	C19H28N4O3; N-[(2S)-1-Hydroxy-3,3-dimethylbutan-2-yl]-1-[(oxan-4-yl)methyl]-1H-pyrazolo[3,4-b]pyridine-3-carboxamide	-	-	Y	2b
1092	WO 2009/106980 #604	N/A	C19H24F4N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-7-fluoro-1-(5,5,5-trifluoropentyl)-1H-indazole-3-carboxamide	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1093	WO 2009/106980 #610	N/A	C20H29FN4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-(3,3-dimethylbutyl)-7-fluoro-1H-indazole-3-carboxamide	-	-	Y	2b
1094	WO 2009/106982 #11	N/A	C25H26FN7O4; N-[(2S)-1-{[(5-Carbamoyl-1,3,4-oxadiazol-2-yl)methyl]amino}-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1095	WO 2009/106982 #12	N/A	C20H23N5O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-benzyl-1H-pyrazolo[3,4-b]pyridine-3-carboxamide	-	-	Y	2b
1096	WO 2009/106982 #170	N/A	C21H22F2N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-5-fluoro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1097	WO 2009/106982 #171	N/A	C24H26F2N4O2; N-[(2S)-1-(Cyclopropylamino)-3,3-dimethyl-1-oxobutan-2-yl]-5-fluoro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1098	WO 2009/106982 #172	N/A	C23H26F2N4O3; 5-Fluoro-1-[(4-fluorophenyl)methyl]-N-{(2S)-1-[(2-hydroxyethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b
1099	WO 2009/106982 #175	N/A	C21H22F2N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-7-fluoro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1100	WO 2009/106982 #176	N/A	C24H26F2N4O2; N-[(2S)-1-(Cyclopropylamino)-3,3-dimethyl-1-oxobutan-2-yl]-7-fluoro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1101	WO 2009/106982 #177	N/A	C23H26F2N4O3; 7-Fluoro-1-[(4-fluorophenyl)methyl]-N-{(2S)-1-[(2-hydroxyethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b
1102	WO 2009/106982 #181	N/A	C21H22ClFN4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-7-chloro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1103	WO 2009/106982 #183	N/A	C23H26ClFN4O3; 7-Chloro-1-[(4-fluorophenyl)methyl]-N-{(2S)-1-[(2-hydroxyethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1104	WO 2009/106982 #226	N/A	C21H21Cl2FN4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-5,7-dichloro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1105	WO 2009/106982 #247	N/A	C25H29FN4O4; N-{(2S)-1-[(3R,4R)-3,4-Dihydroxypyrrolidin-1-yl]-3,3-dimethyl-1-oxobutan-2-yl}-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1106	WO 2009/106982 #282	N/A	C21H21F3N4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-6,7-difluoro-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1107	WO 2009/106982 #3	N/A	C23H19FN4O2; N-[(1S)-2-Amino-2-oxo-1-phenylethyl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1108	WO 2009/106982 #33	N/A	C21H23BrN4O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-benzyl-6-bromo-1H-indazole-3-carboxamide	-	-	Y	2b
1109	WO 2009/106982 #330	N/A	C24H25F3N4O2; N-[(2S)-1-(3,3-Difluoroazetidin-1-yl)-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1110	WO 2009/106982 #336	N/A	C24H26F2N4O2; N-[(2S)-1-(3-Fluoroazetidin-1-yl)-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1111	WO 2009/106982 #6	N/A	C20H23N5O2; N-[(2S)-1-Amino-3,3-dimethyl-1-oxobutan-2-yl]-1-[(pyridin-2-yl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1112	WO 2009/106982 #81	N/A	C23H27FN4O3; 1-[(4-Fluorophenyl)methyl]-N-{(2S)-1-[(2-hydroxyethyl)amino]-3,3-dimethyl-1-oxobutan-2-yl}-1H-indazole-3-carboxamide	-	-	Y	2b
1113	WO 2009/106982 #99	N/A	C26H32FN5O4S; N-[(2S)-1-({2-[(Cyclopropanesul-fonyl)amino]ethyl}amino)-3,3-dimethyl-1-oxobutan-2-yl]-1-[(4-fluorophenyl)methyl]-1H-indazole-3-carboxamide	-	-	Y	2b
1114	WO 2011/025541 #455	N/A	C20H21F2N3O3; (4aS,5aS)-1-(2,4-Difluorophenyl)-N-[4-(hydroxymethyl)oxan-4-yl]-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1115	WO 2011/025541 #493	N/A	C18H19F2N3O2; (4aS,5aS)-1-(2,4-Difluorophenyl)-N-(1-hydroxy-2-methylpropan-2-yl)-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
1116	WO 2011/025541 #634	N/A	C21H24F2N4O2; (4aS,5aS)-1-(2,4-Difluorophenyl)-N-[(2S)-3,3-dimethyl-1-(methylamino)-1-oxobutan-2-yl]-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
1117	WO 2011/025541 #667	N/A	C19H24N6O2; (4aS,5aS)-N-[(2S)-3,3-Dimethyl-1-(methylamino)-1-oxobutan-2-yl]-1-(pyrazin-2-yl)-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
1118	WO 2011/025541 #921	N/A	C21H19N5O3; (4aS,5aS)-N-[(1S,2R)-2-Hydroxy-2,3-dihydro-1H-inden-1-yl]-1-(4-oxo-4λ5-pyrazin-2-yl)-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
1119	WO 2011/025541 #927	N/A	C16H16F3N5O; (4aS,5aS)-1-(Pyrazin-2-yl)-N-(1,1,1-trifluoro-2-methylpropan-2-yl)-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
1120	WO 2012/116278 #699	N/A	C18H23N5O3; (4aS,5aS)-N-[(2S)-1-Hydroxy-3,3-dimethylbutan-2-yl]-1-(4-oxo-4λ5-pyrazin-2-yl)-4,4a,5,5a-tetrahydro-1H-cyclopropa[4,5]cyclopenta[1,2-c]pyrazole-3-carboxamide	-	-	Y	2b
1121	WO 2014/015298 #12	N/A	C28H27NO; 4-(2-{(1E)-1-[(1,2-Dihydroacenaphthylen-5-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
1122	WO 2014/015298 #13	N/A	C30H27NO; 4-(2-{(1E)-1-[(Phenanthren-4-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
1123	WO 2014/015298 #23	N/A	C22H22INO; 4-(2-{(1E)-1-[(2-Iodophenyl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
1124	WO 2014/015298 #54	N/A	C26H27NO3; Methyl 4-(1-pentyl-1H-indole-3-carbonyl)-4a,8a-dihydronaphthalene-1-carboxylate	-	-	Y	2b
1125	WO 2014/015298 #61	N/A	C27H27NO2; 1-[4-(1-Pentyl-1H-indole-3-carbonyl)naphthalen-1-yl]propan-1-one	-	-	Y	2b

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S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1126	WO 2014/015298 #62	N/A	C24H22FNO; (4-Fluoro-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
1027	WO 2014/015298 #63	N/A	C24H22FNO; (5-Fluoro-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
1128	WO 2014/015298 #64	N/A	C24H22FNO; (6-Fluoro-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
1129	WO 2014/015298 #65	N/A	C24H22FNO; (7-Fluoro-1-pentyl-1H-indol-3-yl)(naphthalen-1-yl)methanone	-	-	Y	2b
1130	WO 2014/015298 #66	N/A	C24H21F2NO; [4-Fluoro-1-(5-fluoropentyl)-1H-indol-3-yl](naphthalen-1-yl)methanone	-	-	Y	2b
1131	WO 2014/015298 #67	N/A	C27H28FNO; (4-Fluoro-1-pentyl-1H-indol-3-yl)(4-propylnaphthalen-1-yl)methanone	-	-	Y	2b
1132	WO 2014/015298 #8	N/A	C28H29NO; 4-(2-{(1E)-1-[(4-Ethylnaphthalen-1-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
1133	WO 2014/015298 #9	N/A	C29H31NO; 4-(2-{(1E)-1-[(4-Propylnaphthalen-1-yl)methylidene]-1H-inden-3-yl}ethyl)morpholine	-	-	Y	2b
1134	WO 2014/039042 #1.10	N/A	C26H34N2O4; 3-(1H-Imidazol-1-yl)propyl 2-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1135	WO 2014/039042 #1.19	N/A	C26H33NO4; 4-Cyanobutyl 1-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]cyclobutane-1-carboxylate	-	-	Y	2b
1136	WO 2014/039042 #1.3	N/A	C25H33NO4; 4-Cyanobutyl 2-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1137	WO 2014/039042 #1.30	N/A	C23H32O3S; S-Propyl 2-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanethioate	-	-	Y	2b
1138	WO 2014/039042 #1.31	N/A	C25H37NO3; 2-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methyl-N-pentylpropanamide	-	-	Y	2b
1139	WO 2014/039042 #1.33	N/A	C25H36O4; 2-[(6aR,10aR)-1-Hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropyl pentanoate	-	-	Y	2b

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1140	WO 2014/039042 #1.8	N/A	C24H31NO4; 3-Cyanopropyl 2-[(6aR,10aR)-1-hydroxy-6,6,9-trimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1141	WO 2014/039042 #2.2	N/A	C24H34O5; Butyl 2-[(6aR,10aR)-1-hydroxy-9-(hydroxymethyl)-6,6-dimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1142	WO 2014/039042 #2.5	N/A	C24H31NO5; 3-Cyanopropyl 2-[(6aR,10aR)-1-hydroxy-9-(hydroxymethyl)-6,6-dimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1143	WO 2014/039042 #2.7	N/A	C27H39NO6; 3-(Morpholin-4-yl)propyl 2-[(6aR,10aR)-1-hydroxy-9-(hydroxymethyl)-6,6-dimethyl-6a,7,10,10a-tetrahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1144	WO 2014/039042 #3.4	N/A	C23H32O5; Butyl 2-[(6aR,10aR)-1-hydroxy-6,6-dimethyl-9-oxo-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1145	WO 2014/039042 #3.6	N/A	C23H34O5; Butyl 2-[(6aR,9R,10aR)-1,9-dihydroxy-6,6-dimethyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1146	WO 2014/039042 #3.9	N/A	C24H36O5; Butyl 2-[(6aR,9R,10aR)-1-hydroxy-9-(hydroxymethyl)-6,6-dimethyl-6a,7,8,9,10,10a-hexahydro-6H-dibenzo[b,d]pyran-3-yl]-2-methylpropanoate	-	-	Y	2b
1147	WO 2014/167530 #MJ10	N/A	C28H33N3O; 1-[(Adamantan-2-yl)methyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
1148	WO 2014/167530 #MJ2	N/A	C22H33N3O; N-(2-Cyclohexylpropan-2-yl)-1-pentyl-1H-indazole-3-carboxamide	-	-	Y	2b
1149	WO 2014/167530 #MJ7	N/A	C24H27F2N3O; 1-[(4,4-Difluorocyclohexyl)methyl]-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
1150	WO 2014/167530 #MJ8	N/A	C25H31N3O; 1-(Cycloheptylmethyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide	-	-	Y	2b
1151	XLR-11	5-F-UR-144	C21H28FNO; [1-(5-fluoropentyl)indol-3-yl]-(2,2,3,3-tetramethylcyclopropyl)methanone	Y	Y	Y	1

Appendix 2 contd….

S. No.	Name	Other Names	IUPAC Denomination	UNODC	EMCDDA	NPSFinder	Class
1152	XLR-11 N-(2-FLUOROPENTYL)	1-(2-Fluoropentyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	C21H28FNO; 1-(2-Fluoropentyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	Y	-	-	1
1153	XLR-11 N-(3-FLUOROPENTYL)	1-(3-Fluoropentyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	C21H28FNO; 1-(3-Fluoropentyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	Y	-	-	1
1154	XLR-11 N-(4-FLUOROPENTYL)	1-(4-Fluoropentyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	C21H28FNO; 1-(4-Fluoropentyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)-methanone	Y	-	-	1
1155	XLR-12	UNII-8F8H9MH5WP; 8F8H9MH5WP	C20H24F3NO; (2,2,3,3-Tetramethylcyclopropyl)[1-(4,4,4-trifluorobutyl)-1H-indol-3-yl]methanone	Y	-	Y	1

The table reports names of all SC; their alternative and IUPAC denominations; if they are present (Y) in the UNODC, EMCDDA and NPSfinder® lists and their categorization (*i.e.* Categories: 1) SC listed by the EMCDDA and/or by the UNODC: 292 molecules; 2a) SC which are already scheduled, and/or for which evidence levels of abuse have already been reported in peer-reviewed papers, but which are not listed by either the EMCDDA or the UNODC: 94 molecules; 2b) SC commented on the psychonauts' websites/fora: 767 molecules; 3) SC used as laboratory research products/analytical references and/or studied in preclinical or animal research: 2 molecules.

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