

Correction to 4-Amino-1-hydroxy-2-oxo-1,8-naphthyridine-Containing Compounds Having High Potency against Raltegravir-Resistant Integrase Mutants of HIV-1

Xue Zhi Zhao, Steven J. Smith, Mathieu Métifiot, Christophe Marchand, Paul L. Boyer, Yves Pommier, Stephen H. Hughes, and Terrence R. Burke, Jr.*

Journal of Medicinal Chemistry 2014, 57, 5190–5202. DOI: 10.1021/jm5001908

Page 5191. The structure of compound **6** in Figure 2 of the published manuscript should be corrected as shown below.

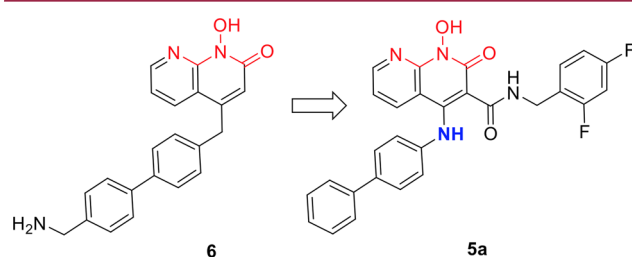


Figure 2. HIV-1 ribonuclease H (RNase H) inhibitors **6** and integrase inhibitor **5a** with the core metal-chelating 1-hydroxy-1,8-naphthyridin-2(1H)-one system shown in red and the key 4-amino group indicated in blue.

Changes to the published manuscript resulting from the correction of structure **6** are the following.

Page 5191. In the left column, in line 23 of the section “Results and Discussion”, “0.64 μM ” should be “0.045 μM ”; in line 24, “2.4 μM ” should be “24 μM ”; and in line 28, “34 μM ” should be “0.19 μM ”. In the right column, in line 7 of the section “Biological Evaluation”, “10-fold” should be “70-fold”.

Page 5192. In the first paragraph in the left column, the following sentence should be deleted: “In these assays, amine **5a** was approximately two orders-of-magnitude more potent against the WT enzyme ($\text{EC}_{50} = 372 \pm 63$ nM, Table 2) than what has been reported for **6** (32 μM).¹⁴”