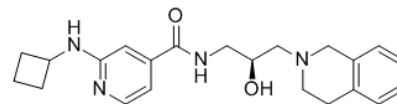


Product Name : EPZ-015866
Cat. No. : PC-42097
CAS No. : 1616391-87-7
Molecular Formula : C₂₂H₂₈N₄O₂
Molecular Weight : 380.4833
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO
2. Gerhart SV, et al. *Sci Rep.* 2018 Jun 26;8(1):9711.



Biological Activity

EPZ-015866 (GSK-591, GSK-3203591) is a potent, selective protein methyltransferase 5 (**PRMT5**) inhibitor with IC₅₀ of 4 nM. EPZ-015866 (GSK-591, GSK-3203591) shows excellent selectivity against other PMT enzymes observed with EPZ015666. EPZ-015866 (GSK-591, GSK-3203591) inhibits the proliferation of Z-138 cells with IC₅₀ of 62 nM.

References

Duncan KW, et al. *ACS Med Chem Lett.* 2015 Dec 2;7(2):162-6.

