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Data Sheet

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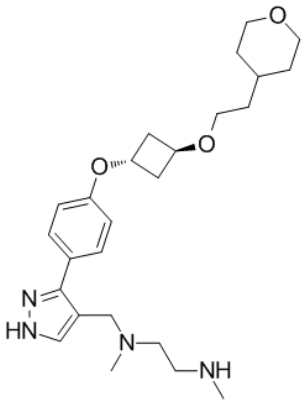
Product Name : EPZ020411
Cat. No. : PC-43300
CAS No. : 1700663-41-7
Molecular Formula : $C_{25}H_{38}N_4O_3$
Molecular Weight : 442.5942
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

EPZ020411 is a potent, selective **PRMT6** inhibitor with IC50 of 10 nM, displays 10-fold and 20-fold selectivity over PRMT1/8, and >100-fold over other histone methyltransferases (PRMT3/4/5/7).
EPZ020411 dose-dependently decreases H3R2 methylation A375 cell line with IC50 of 0.637 uM, with no affect levels of PRMT6 expression.
EPZ020411 exhibits good bioavailability following subcutaneous dosing in rats making it a suitable tool for potential in vivo target validation studies.

References

Mitchell LH, et al. ***ACS Med Chem Lett.*** 2015 Apr 6;6(6):655-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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