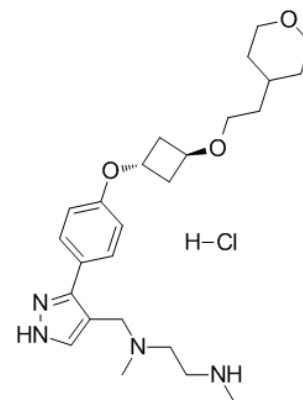


Product Name : EPZ020411 hydrochloride
Cat. No. : PC-43301
CAS No. : 2070015-25-5
Molecular Formula : C₂₅H₃₉ClN₄O₃
Molecular Weight : 479.0551
Target : Histone Methyltransferase (HMTase)
Solubility : H₂O: ≥ 41 mg/mL



Biological Activity

EPZ020411 hydrochloride 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 μM, 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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