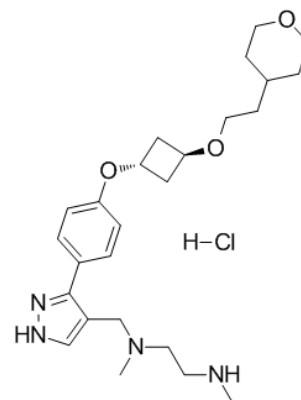


Product Name	: EPZ020411 hydrochloride
Cat. No.	: PC-43301
CAS No.	: 2070015-25-5
Molecular Formula	: C ₂₅ H ₃₉ ClN ₄ O ₃
Molecular Weight	: 479.0551
Target	: Histone Methyltransferase (HMTase)
Solubility	: H ₂ O: ≥ 41 mg/mL



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 μ M, 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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