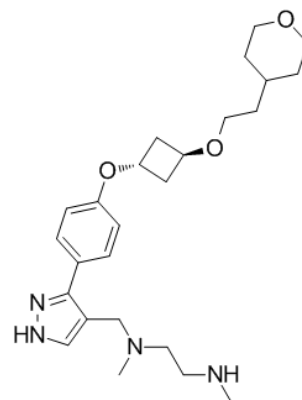


**Product Name** : EPZ020411  
**Cat. No.** : PC-43300  
**CAS No.** : 1700663-41-7  
**Molecular Formula** : C<sub>25</sub>H<sub>38</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 442.5942  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



## Biological Activity

EPZ020411 is a potent, selective **PRMT6** inhibitor with IC<sub>50</sub> 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 IC<sub>50</sub> 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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