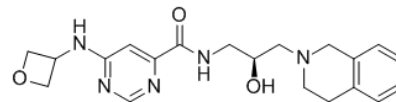


**Product Name** : EPZ015666  
**Cat. No.** : PC-43165  
**CAS No.** : 1616391-65-1  
**Molecular Formula** : C<sub>20</sub>H<sub>25</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 383.4442  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : DMSO: 10 mM (3.8 mg/mL)



## Biological Activity

EPZ015666 (GSK3235025) is a potent, selective, orally available inhibitor of **PRMT5** with  $K_i/IC_{50}$  of 5/22 nM, displays broad selectivity against a panel of other histone methyltransferases.

EPZ015666 (GSK3235025) inhibits SmD3 methylation and causes cell death in MCL cell lines ( $IC_{50}$ =61-904 nM).

EPZ015666 (GSK3235025) demonstrates potent concentration-dependent antiproliferative effects against Z-138 and Maver-1 cells with  $IC_{50}$  of 96 and 450 nM, respectively.

EPZ015666 (GSK3235025) exhibits antitumor activity in multiple MCL xenograft models.

## References

Chan-Penebre E, et al. *Nat Chem Biol*. 2015 Jun;11(6):432-7.

Kryukov GV, et al. *Science*. 2016 Mar 11;351(6278):1214-8.

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

Gullà A, et al. *Leukemia*. 2018 Apr;32(4):996-1002.

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

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