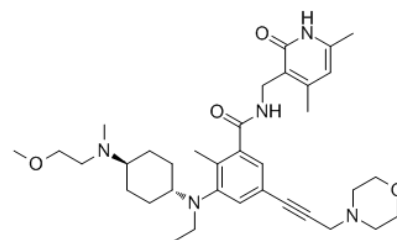


**Product Name** : EPZ-011989  
**Cat. No.** : PC-45114  
**CAS No.** : 1598383-40-4  
**Molecular Formula** : C<sub>35</sub>H<sub>51</sub>N<sub>5</sub>O<sub>4</sub>  
**Molecular Weight** : 605.8105  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : DMSO: ≥ 33 mg/mL



## Biological Activity

EPZ-011989 (EPZ011989) is a potent, selective, orally bioavailable inhibitor of **EZH2** with  $K_i$  of < 3 nM. EPZ-011989 equipotently inhibits mutant and wild-type EZH2, displays >15-fold selectivity over EZH1 and >3000-fold selectivity over other HMTs. EPZ-011989 demonstrates significant tumor growth inhibition in a mouse xenograft model of human B cell lymphoma.

## References

- Campbell JE, et al. *ACS Med Chem Lett.* 2015 Mar 4;6(5):491-5.  
Gardner EE, et al. *Cancer Cell.* 2017 Feb 13;31(2):286-299.

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

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