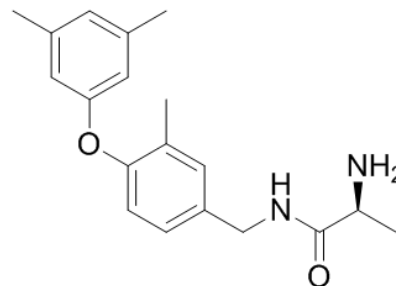


**Product Name** : SGC2085  
**Cat. No.** : PC-42198  
**CAS No.** : 1821908-48-8  
**Molecular Formula** : C<sub>19</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 312.4061  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : DMSO: ≥ 32 mg/mL



### Biological Activity

SGC2085 is a potent, selective protein arginine methyltransferase **PRMT4 (CARM1)** inhibitor with IC<sub>50</sub> of 50 nM, displays >100-fold selectivity over other PRMTs (PRMT6 IC<sub>50</sub>=5.3 μM). SGC2085 also shows complete selectivity against a panel of 21 human protein methyltransferases.

### References

Ferreira de Freitas R, et al. *J Med Chem.* 2016 Jul 28;59(14):6838-47.

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

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