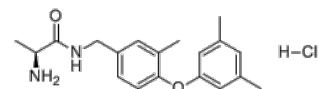


Product Name : SGC2085 hydrochloride
Cat. No. : PC-38535
CAS No. : 1821908-49-9
Molecular Formula : C₁₉H₂₅ClN₂O₂
Molecular Weight : 348.871
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

SGC-2085 hydrochloride is a potent, selective protein arginine methyltransferase PRMT4 (**CARM1**) inhibitor with IC₅₀ of 50 nM, displays >100-fold selectivity over other PRMTs (PRMT6 IC₅₀=5.3 μM).

SGC-2085 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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