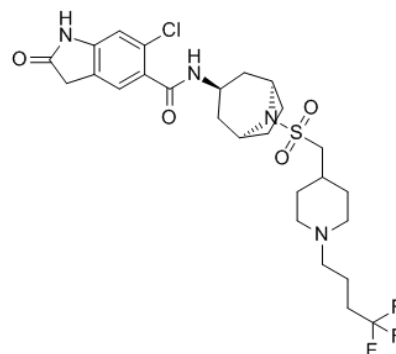


Product Name : EPZ-031686
Cat. No. : PC-45608
CAS No. : 1808011-22-4
Molecular Formula : C₂₆H₃₄ClF₃N₄O₄S
Molecular Weight : 591.0858
Target : Histone Methyltransferase (HMTase)
Solubility : DMSO: ≥ 5.9 mg/mL



Biological Activity

EPZ-031686 (EPZ 031686) is a potent, selective, small molecule **SMYD3** inhibitor (Biochem IC₅₀=3 nM, Cell IC₅₀= 36 nM). EPZ-031686 displays <30% inhibition against 16 histone methyltransferase targets at 10 μM. EPZ-031686 shows good oral bioavailability and more favorable ADME profile than EPZ030456; orally active.

References

Mitchell LH, et al. *ACS Med Chem Lett.* 2015 Aug 27;7(2):134-8.

Rajajeyabalachandran G, et al. *Expert Opin Ther Targets.* 2017 Feb;21(2):145-157.

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

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