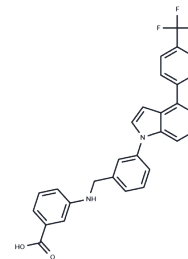


Setin-1

Chemical Properties

CAS No. :	1313802-67-3
Formula:	C ₂₉ H ₂₁ F ₃ N ₂ O ₂
Molecular Weight:	486.48
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Setin-1 is the most potent Set7 inhibitor that acts by inhibiting the KMTase G9a.
Targets(IC50)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0556 mL	10.2779 mL	20.5558 mL
5 mM	0.4111 mL	2.0556 mL	4.1112 mL
10 mM	0.2056 mL	1.0278 mL	2.0556 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Kashyap S, Sandler J, Peters U, Martinez EJ, Kapoor TM. Using 'biased-privileged' scaffolds to identify lysine methyltransferase inhibitors. *Bioorg Med Chem*. 2014 Apr 1;22(7):2253-60. doi: 10.1016/j.bmc.2014.02.024. Epub 2014 Feb 28. PubMed PMID: 24650704; PubMed Central PMCID: PMC4038709.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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