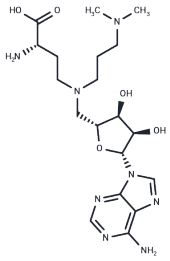
Data Sheet (Cat.No.T69738)

TargetMol

GSK-2807 free base

Chemical Properties



CAS No. : 2245255-65-4

Formula: C19H32N8O5

Molecular Weight: 452.51

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	GSK2807 is a potent and selective, SAM-competitive inhibitor of SMYD3 (Ki = 14 nM). GSK2807 bridges the gap between the SAM-binding pocket and the substrate lysine tunnel of SMYD3. GSK2807 may be useful for cancer treatment.
Targets(IC50)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2099 mL	11.0495 mL	22.099 mL
5 mM	0.442 mL	2.2099 mL	4.4198 mL
10 mM	0.221 mL	1.1049 mL	2.2099 mL
50 mM	0.0442 mL	0.221 mL	0.442 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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