

PRMT4-IN-3

Chemical Properties

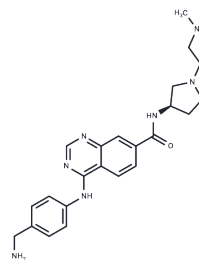
CAS No. :

Formula: C₂₃H₂₉N₇O

Molecular Weight: 419.52

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	PRMT4-IN-3 (compound 56) is a potent class I protein arginine methyltransferase (PRMT) inhibitor, specifically targeting PRMT4 with an IC ₅₀ of 37 nM, while exhibiting weaker inhibition of PRMT6 with an IC ₅₀ of 253 nM [1].
Targets(IC ₅₀)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3837 mL	11.9184 mL	23.8368 mL
5 mM	0.4767 mL	2.3837 mL	4.7674 mL
10 mM	0.2384 mL	1.1918 mL	2.3837 mL
50 mM	0.0477 mL	0.2384 mL	0.4767 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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