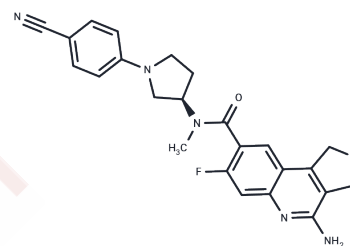


PRMT5-IN-47

Chemical Properties

CAS No. : 3065081-87-7
 Formula: C₂₄H₂₂FN₅O₂
 Molecular Weight: 431.462
 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	PRMT5-IN-47 (compound 20) is a potent, selective, and orally active MTA co-operative PRMT5 inhibitor, with an IC ₅₀ value of 15 nM. It exhibits antiproliferative and anticancer activity.
Targets(IC ₅₀)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3177 mL	11.5886 mL	23.1771 mL
5 mM	0.4635 mL	2.3177 mL	4.6354 mL
10 mM	0.2318 mL	1.1589 mL	2.3177 mL
50 mM	0.0464 mL	0.2318 mL	0.4635 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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