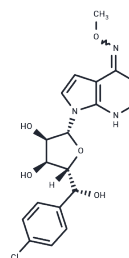


PRMT5-IN-28

Chemical Properties

CAS No. : 2242753-66-6
 Formula: C₁₈H₁₉ClN₄O₅
 Molecular Weight: 406.82
 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-28 (compound 36) serves as an inhibitor of the protein arginine methyltransferase 5 (PRMT5) enzyme, which is involved in gene transcription, mRNA splicing, DNA repair, protein localization, cell fate determination, and signal transduction. Dysregulated PRMT5 activity contributes to oncogenesis by promoting cancer cell proliferation, apoptosis resistance, invasion, metastasis, and impacting immune evasion [1].
Targets(IC50)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4581 mL	12.2904 mL	24.5809 mL
5 mM	0.4916 mL	2.4581 mL	4.9162 mL
10 mM	0.2458 mL	1.229 mL	2.4581 mL
50 mM	0.0492 mL	0.2458 mL	0.4916 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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