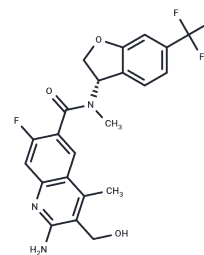


PRMT5-MTA-IN-1

Chemical Properties

CAS No. : 3048425-88-0
 Formula: C₂₂H₁₉F₄N₃O₃
 Molecular Weight: 449.40
 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-MTA-IN-1 (Compound A9a) is an inhibitor of the protein arginine methyltransferase PRMT5-MTA. It suppresses the proliferation of colorectal cancer cells HCT116, both wild-type and MTAP del mutants, with IC ₅₀ values of 16 nM and 2.47 μM, respectively. Additionally, PRMT5-MTA-IN-1 demonstrates favorable hepatic microsomal stability, membrane permeability, and pharmacokinetic properties in CD-1 mice.
Targets(IC ₅₀)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2252 mL	11.1259 mL	22.2519 mL
5 mM	0.445 mL	2.2252 mL	4.4504 mL
10 mM	0.2225 mL	1.1126 mL	2.2252 mL
50 mM	0.0445 mL	0.2225 mL	0.445 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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