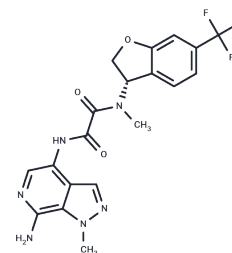


PRMT5-MTA-IN-3

## Chemical Properties

CAS No. : 3028674-29-2  
 Formula: C19H17F3N6O3  
 Molecular Weight: 434.372  
 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-3 (Compound P2A) is an orally active and selective inhibitor of protein arginine methyltransferase 5 (PRMT5). It inhibits the proliferation of MTAP-deficient colorectal cancer HCT-116 cell line with an IC50 value of 5 nM. PRMT5-MTA-IN-3 holds potential for research in cancers, particularly in MTAP-deficient tumors such as colorectal cancer, non-small cell lung cancer, and pancreatic cancer.
Targets(IC50)	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3022 mL	11.5109 mL	23.0218 mL
5 mM	0.4604 mL	2.3022 mL	4.6044 mL
10 mM	0.2302 mL	1.1511 mL	2.3022 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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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