

MS117

Chemical Properties

CAS No. :

Formula: C17H22N4O

Molecular Weight: 298.38

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	MS117 is a first-in-class, cell-active, irreversible covalent inhibitor of protein arginine methyltransferase 6 (PRMT6) with an IC50 of 18 nM [1].
Targets(IC50)	Others,Histone Methyltransferase
In vitro	MS117 (Compound 4) selectively inhibits the activity of the PRMT6 methyltransferase in a time-dependent manner, exhibiting moderate 6-fold selectivity for PRMT6 over PRMT1 (IC50 = 0.1 ± 0.025 μM) and PRMT8 (IC50 = 0.11 ± 0.01 μM) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3514 mL	16.7572 mL	33.5143 mL
5 mM	0.6703 mL	3.3514 mL	6.7029 mL
10 mM	0.3351 mL	1.6757 mL	3.3514 mL
50 mM	0.067 mL	0.3351 mL	0.6703 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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