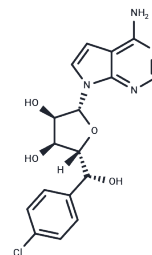


PRT543

## Chemical Properties

CAS No. : 1989620-03-2  
 Formula: C<sub>17</sub>H<sub>17</sub>ClN<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 376.79  
 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	PRT543 is a potent selective inhibitor of the protein arginine methyltransferase 5 (PRMT5), showing a wide range of antitumor activities in vitro and in vivo. The compound also showed an inhibitory effect on methyltransferase activity of the PRMT5/MEP50 complex with an IC <sub>50</sub> value of 10.8 nM.
Targets(IC <sub>50</sub> )	Others,Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.654 mL	13.270 mL	26.540 mL
5 mM	0.5308 mL	2.654 mL	5.308 mL
10 mM	0.2654 mL	1.327 mL	2.654 mL
50 mM	0.0531 mL	0.2654 mL	0.5308 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481