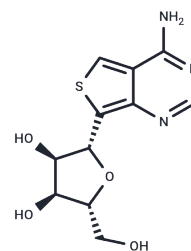


PRMT5-IN-4

## Chemical Properties

CAS No. : 152615-84-4  
 Formula: C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 283.3  
 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-4 (compound AAA-1) is a PRMT5 inhibitor. This chemical compound specifically impedes the activity of PRMT5, an enzyme involved in the methylation of arginine residues on target proteins, which plays a critical role in various cellular processes.
Targets(IC50)	Others,Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5298 mL	17.6491 mL	35.2983 mL
5 mM	0.706 mL	3.5298 mL	7.0597 mL
10 mM	0.353 mL	1.7649 mL	3.5298 mL
50 mM	0.0706 mL	0.353 mL	0.706 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.

## Reference

John Howard Tatlock, et al. Substituted nucleoside derivatives useful as anticancer agents. US20160244475A1.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481