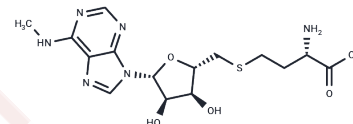


S-N6-Methyladenosylhomocysteine

Chemical Properties

CAS No. :	53228-06-1
Formula:	C15H22N6O5S
Molecular Weight:	398.437
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	S-N6-Methyladenosylhomocysteine (Chart 1-1) is a potent inhibitor of the histone methyltransferase DOT1L, with an IC50 of 0.29 μ M. This compound plays a significant role in cancer research.
Targets(IC50)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5098 mL	12.5489 mL	25.0979 mL
5 mM	0.502 mL	2.5098 mL	5.0196 mL
10 mM	0.251 mL	1.2549 mL	2.5098 mL
50 mM	0.0502 mL	0.251 mL	0.502 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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