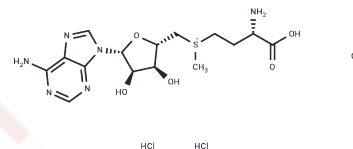


S-Adenosyl-L-methionine chloride dihydrochloride

Chemical Properties

CAS No. :	86867-01-8
Formula:	C ₁₅ H ₂₅ Cl ₃ N ₆ O ₅ S
Molecular Weight:	507.81
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-Adenosyl-L-methionine (S-Adenosyl methionine) chloride dihydrochloride functions as a methyl donor and cofactor.
Targets(IC50)	Endogenous Metabolite
In vitro	5,10-Methylenetetrahydrofolate undergoes two sequential catalytic reactions, facilitated by methylenetetrahydrofolate reductase (MTHFR) and methionine synthase (MTR), to be converted into S-Adenosyl-L-methionine (SAM).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9692 mL	9.8462 mL	19.6924 mL
5 mM	0.3938 mL	1.9692 mL	3.9385 mL
10 mM	0.1969 mL	0.9846 mL	1.9692 mL
50 mM	0.0394 mL	0.1969 mL	0.3938 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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