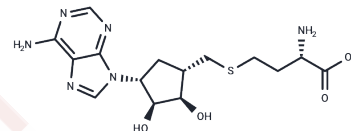


S-Aristeromycinylnhomocysteine

Chemical Properties

CAS No. :	57884-84-1
Formula:	C ₁₅ H ₂₂ N ₆ O ₄ S
Molecular Weight:	382.44
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-Aristeromycinylnhomocysteine is an inhibitor of adenosylmethionine decarboxylase.
Targets(IC50)	Others,DNA Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6148 mL	13.0739 mL	26.1479 mL
5 mM	0.523 mL	2.6148 mL	5.2296 mL
10 mM	0.2615 mL	1.3074 mL	2.6148 mL
50 mM	0.0523 mL	0.2615 mL	0.523 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

Gordon RK, Brown ND, Chiang PK. Inhibition of adenosylmethionine decarboxylase and perturbation of polyamine metabolism by 3-deaza-(+/-)aristeromycin. *Biochem Biophys Res Commun.* 1983 Jul 29;114(2):505-10. PubMed PMID: 6882439.

Garcia-Castro I, Mato JM, Vasanthakumar G, Wiesmann WP, Schiffmann E, Chiang PK. Paradoxical effects of adenosine on neutrophil chemotaxis. *J Biol Chem.* 1983 Apr 10;258(7):4345-9. PubMed PMID: 6833261.

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