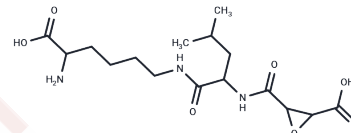


AM 4299 B

Chemical Properties

CAS No. : 160825-49-0
 Formula: C₁₆H₂₇N₃O₇
 Molecular Weight: 373.4
 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	AM 4299 B is a novel inhibitor of a thiol protease.
Targets(IC50)	Others,Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6781 mL	13.3905 mL	26.7809 mL
5 mM	0.5356 mL	2.6781 mL	5.3562 mL
10 mM	0.2678 mL	1.339 mL	2.6781 mL
50 mM	0.0536 mL	0.2678 mL	0.5356 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

Morishita A, Ishikawa S, Ito Y, Ogawa K, Takada M, Yaginuma S, Yamamoto S. AM4299 A and B, novel thiol protease inhibitors. J Antibiot (Tokyo). 1994 Sep;47(9):1065-8. PubMed PMID: 7928694.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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