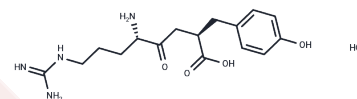


Arphamenine B

Chemical Properties

CAS No. : 88465-81-0
 Formula: C₁₆H₂₅ClN₄O₄
 Molecular Weight: 372.847
 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	Arphamenine B is a Zn ²⁺ -dependent exopeptidase that selectively removes arginine and/or lysine residues from the NH ₂ terminus of several peptide substrates. It is an aminopeptidase B inhibitor isolated from bacteria. Arphamenine B enhances immune responses and is utilized for characterizing novel proteases.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.682 mL	13.4102 mL	26.8204 mL
5 mM	0.5364 mL	2.682 mL	5.3641 mL
10 mM	0.2682 mL	1.341 mL	2.682 mL
50 mM	0.0536 mL	0.2682 mL	0.5364 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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