

Estatin B

Chemical Properties

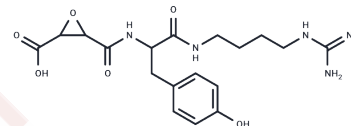
CAS No. : 106396-24-1

Formula: C₁₈H₂₅N₅O₆

Molecular Weight: 407.421

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	Estatin B is a thiol protease inhibitor that can be found in the thermophilic bacterium M4323, and it exhibits specificity towards thiol proteases such as papain, fig protease, and bromelain. In mice, Estatim B suppresses the production of IgE antibodies without affecting the production of IgG.
Targets(IC50)	Antibiotic,Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4545 mL	12.2723 mL	24.5447 mL
5 mM	0.4909 mL	2.4545 mL	4.9089 mL
10 mM	0.2454 mL	1.2272 mL	2.4545 mL
50 mM	0.0491 mL	0.2454 mL	0.4909 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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