

## Statine

## Chemical Properties

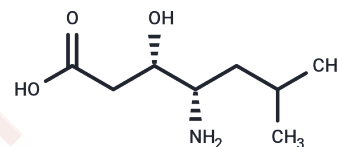
CAS No. : 49642-07-1

Formula: C<sub>8</sub>H<sub>17</sub>NO<sub>3</sub>

Molecular Weight: 175.23

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	Statine is a protease inhibitor that is active against pepsin and other acid proteases.
Targets(IC50)	Others,Amino Acids and Derivatives

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7068 mL	28.5339 mL	57.0679 mL
5 mM	1.1414 mL	5.7068 mL	11.4136 mL
10 mM	0.5707 mL	2.8534 mL	5.7068 mL
50 mM	0.1141 mL	0.5707 mL	1.1414 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

Marciniszyn J Jr, et al. Mode of inhibition of acid proteases by pepstatin. J Biol Chem. 1976 Nov 25;251(22):7088-94.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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