

Histatin 5 TFA

Chemical Properties

CAS No. :

Formula: C135H196N51F3O35

Molecular Weight: 3150.31

Keep away from moisture

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	Histatin 5 TFA effectively inhibits host matrix metalloproteinases (MMP-2) and (MMP-9), demonstrating inhibition concentrations (IC 50s) of 0.57 μ M and 0.25 μ M, respectively.
Targets(IC50)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3174 mL	1.5871 mL	3.1743 mL
5 mM	0.0635 mL	0.3174 mL	0.6349 mL
10 mM	0.0317 mL	0.1587 mL	0.3174 mL
50 mM	0.0063 mL	0.0317 mL	0.0635 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481