

## Histatin 8 TFA

## Chemical Properties

CAS No. :

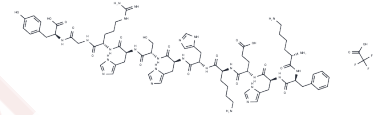
Formula: C70H99N25O17.XCF3COOH

Molecular Weight: 1562.69

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 8, a salivary antimicrobial peptide derived from proteolytic fragments of histatin 3 and histatin 5, exhibits activity against <i>A. baumannii</i> strains, both colistin-susceptible and -resistant, at a concentration of 32 µg/ml. Additionally, it is effective against <i>C. albicans</i> and <i>C. tropicalis</i> , with minimum inhibitory concentrations (MICs) of 1 and 5 mg/ml, respectively.
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## Solubility Information

Solubility	DMSO: 10 mg/mL (6.4 mM), Sonication is recommended. PBS pH 7.2: 10 mg/mL (6.4 mM), Sonication is recommended. Ethanol: Slightly soluble Chloroform: Slightly soluble DMF: 10 mg/mL (6.4 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6399 mL	3.1996 mL	6.3992 mL
5 mM	0.128 mL	0.6399 mL	1.2798 mL
10 mM	0.064 mL	0.320 mL	0.6399 mL
50 mM	0.0128 mL	0.064 mL	0.128 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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