

Catestatin TFA

Chemical Properties

CAS No. :

Formula: C109H174F3N37O28S

Molecular Weight: 2539.84

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	Catestatin TFA, a 21-amino acid residue peptide, exhibits both cationic and hydrophobic properties. This endogenous peptide plays a crucial role in regulating cardiac function and blood pressure. It functions as a non-competitive nicotinic antagonist by interacting with nicotinic acetylcholine receptors (nAChRs) to inhibit catecholamine release.
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3937 mL	1.9686 mL	3.9373 mL
5 mM	0.0787 mL	0.3937 mL	0.7875 mL
10 mM	0.0394 mL	0.1969 mL	0.3937 mL
50 mM	0.0079 mL	0.0394 mL	0.0787 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