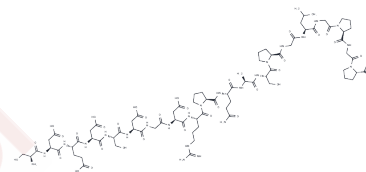


Chromostatin (bovine)

Chemical Properties

CAS No. :	133633-11-1
Formula:	C78H120N24O35
Molecular Weight:	1953.93
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Chromostatin bovine, a chromogranin A (CGA) derivative peptide, inhibits potassium- or carbamoylcholine-induced catecholamine release with an ID50 of 5 nM, reduces calcium flux, enhances the desensitization process of the cholinergic-evoked secretory response, and modulates the endocrine response associated with catecholamine [1].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5118 mL	2.5589 mL	5.1179 mL
5 mM	0.1024 mL	0.5118 mL	1.0236 mL
10 mM	0.0512 mL	0.2559 mL	0.5118 mL
50 mM	0.0102 mL	0.0512 mL	0.1024 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