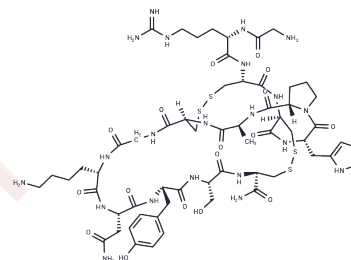


α -Conotoxin M I

Chemical Properties

CAS No. :	88217-10-1
Formula:	C58H88N22O17S4
Molecular Weight:	1493.72
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	α -Conotoxin M I selectively inhibits mAChR and α 1 β 1 γ δ nAChR without affecting nicotine-stimulated dopamine release. It belongs to the α -conotoxins class, which are small, disulfide-rich peptides known to competitively inhibit muscle and neuronal nicotinic AChRs [1] [2].
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6695 mL	3.3473 mL	6.6947 mL
5 mM	0.1339 mL	0.6695 mL	1.3389 mL
10 mM	0.0669 mL	0.3347 mL	0.6695 mL
50 mM	0.0134 mL	0.0669 mL	0.1339 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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