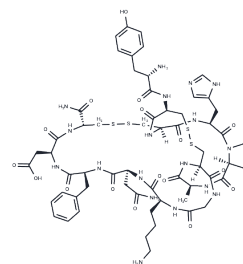


α -Conotoxin S IA

Chemical Properties

CAS No. :	135190-31-7
Formula:	C60H82N18O17S4
Molecular Weight:	1455.66
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 SIA is a selective antagonist of the nicotinic acetylcholine receptor (nAChR), with high affinity specifically for the muscle subtype. It preferentially binds to the α/δ interface in mouse muscle nAChR, whereas in Torpedo nAChR, its affinity is significantly greater for the α/γ interface than for the α/δ interface [1].
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.687 mL	3.4349 mL	6.8697 mL
5 mM	0.1374 mL	0.687 mL	1.3739 mL
10 mM	0.0687 mL	0.3435 mL	0.687 mL
50 mM	0.0137 mL	0.0687 mL	0.1374 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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