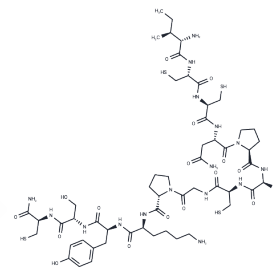


$\alpha$ -Conotoxin SI

## Chemical Properties

CAS No. :	115797-06-3
Formula:	C55H88N16O16S4
Molecular Weight:	1357.64
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	$\alpha$ -Conotoxin SI, a nicotinic acetylcholine receptor (nAChRs) blocker, is derived from cone snails and marine conus. It is utilized in researching neurological disorders.
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7366 mL	3.6829 mL	7.3657 mL
5 mM	0.1473 mL	0.7366 mL	1.4731 mL
10 mM	0.0737 mL	0.3683 mL	0.7366 mL
50 mM	0.0147 mL	0.0737 mL	0.1473 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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