

$\alpha$ -Conotoxin LtIA

## Chemical Properties

CAS No. :

Formula: C62H101N23O19S4

Molecular Weight: 1600.87

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	$\alpha$ -Conotoxin LtIA, an $\alpha 3\beta 2$ nAChR blocker with an IC50 value of 9.8 nM, is derived from <i>Conus litteratus</i> venom and is utilized in researching neurological diseases, including Parkinson's disease and pain [1].
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6247 mL	3.1233 mL	6.2466 mL
5 mM	0.1249 mL	0.6247 mL	1.2493 mL
10 mM	0.0625 mL	0.3123 mL	0.6247 mL
50 mM	0.0125 mL	0.0625 mL	0.1249 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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