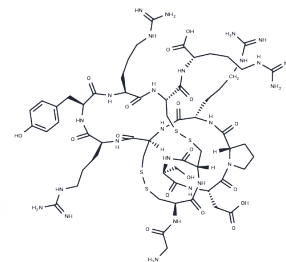


$\alpha$ -Conotoxin RgIA

## Chemical Properties

CAS No. :	876728-23-3
Formula:	C59H95N25O18S4
Molecular Weight:	1570.8
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 RgIA ( $\alpha$ -RgIA), a specific $\alpha_9\alpha_{10}$ nAChR antagonist, is derived from the venom of <i>Conus regius</i> and has applications in researching neurological diseases [1].
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6366 mL	3.1831 mL	6.3662 mL
5 mM	0.1273 mL	0.6366 mL	1.2732 mL
10 mM	0.0637 mL	0.3183 mL	0.6366 mL
50 mM	0.0127 mL	0.0637 mL	0.1273 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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