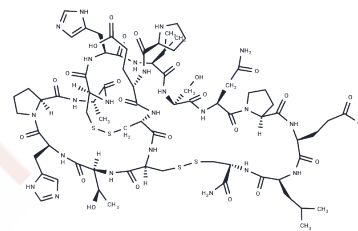


$\alpha$ -Conotoxin Mr1C

## Chemical Properties

CAS No. :	1417816-41-1
Formula:	C74H111N23O24S4
Molecular Weight:	1835.07
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 Mr1C is a biased agonist selective for the $\alpha 7$ nicotinic acetylcholine receptor (nAChR), with activation contingent upon the presence of type II positive allosteric modulators, such as PNU120596. It is utilized to investigate neurological disorders and delineate the pharmacological characteristics of the $\alpha 7$ nAChR [1].
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5449 mL	2.7247 mL	5.4494 mL
5 mM	0.109 mL	0.5449 mL	1.0899 mL
10 mM	0.0545 mL	0.2725 mL	0.5449 mL
50 mM	0.0109 mL	0.0545 mL	0.109 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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