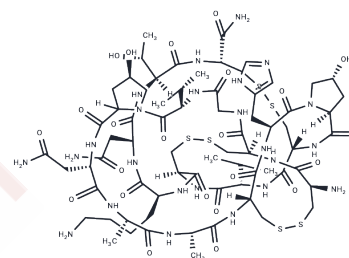


α A-Conotoxin OIVA

Chemical Properties

CAS No. :	878027-87-3
Formula:	C70H110N24O23S6
Molecular Weight:	1848.16
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 A-Conotoxin OIVA (α A-OIVA), a peptide derived from conotoxin, is a selective nAChR antagonist with an IC ₅₀ of 56 nM against mammalian fetal muscle nAChR, resulting in muscle paralysis [1] [2].
Targets(IC ₅₀)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5411 mL	2.7054 mL	5.4108 mL
5 mM	0.1082 mL	0.5411 mL	1.0822 mL
10 mM	0.0541 mL	0.2705 mL	0.5411 mL
50 mM	0.0108 mL	0.0541 mL	0.1082 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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