

α -Conotoxin AuIB TFA

Chemical Properties

CAS No. :

Formula: C67H90F3N17O23S4

Molecular Weight: 1686.78

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	α -Conotoxin AuIB TFA, a potent selective antagonist of the $\alpha 3\beta 4$ nicotinic acetylcholine receptor (nAChR), effectively inhibits nAChRs expressed in <i>Xenopus</i> oocytes, demonstrating an inhibitory concentration (IC ₅₀) of 0.75 μ M [1].
Targets(IC ₅₀)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5928 mL	2.9642 mL	5.9285 mL
5 mM	0.1186 mL	0.5928 mL	1.1857 mL
10 mM	0.0593 mL	0.2964 mL	0.5928 mL
50 mM	0.0119 mL	0.0593 mL	0.1186 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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