

$\alpha$ -Conotoxin PnIA TFA

## Chemical Properties

CAS No. :

Formula: C67H96F3N19O24S4

Molecular Weight: 1736.82

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 PnIA TFA, a potent and selective antagonist of the mammalian $\alpha 7$ nAChR, shows promise for neurological research, particularly in the study of neuropathic pain and Alzheimer's disease [1].
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5758 mL	2.8788 mL	5.7576 mL
5 mM	0.1152 mL	0.5758 mL	1.1515 mL
10 mM	0.0576 mL	0.2879 mL	0.5758 mL
50 mM	0.0115 mL	0.0576 mL	0.1152 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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