

GeX-2

## Chemical Properties

CAS No. : 2900996-95-2

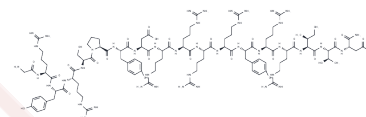
Formula: C103H169N43O27

Molecular Weight: 2441.72

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	GeX-2 is a truncated analogue of $\alpha$ O-conotoxin. It has the ability to activate GABAB receptors and inhibit $\alpha$ 9 $\alpha$ 10nAChR as well as CaV2.2 channels. Additionally, GeX-2 is effective in alleviating pain in a rat model of chronic constriction injury.
Targets(IC50)	Calcium Channel,GABA Receptor,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4095 mL	2.0477 mL	4.0955 mL
5 mM	0.0819 mL	0.4095 mL	0.8191 mL
10 mM	0.041 mL	0.2048 mL	0.4095 mL
50 mM	0.0082 mL	0.041 mL	0.0819 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.

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