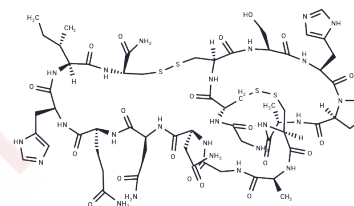


α -Conotoxin GIC

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 757236-92-3 |
| Formula: | C61H92N24O20S4 |
| Molecular Weight: | 1609.79 |
| 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 -Conotoxin GIC is a selective and potent antagonist of the $\alpha\beta 2$ nicotinic acetylcholine receptor, exhibiting an inhibition constant (IC ₅₀) of 1.1 nM [1]. |
| Targets(IC ₅₀) | AChR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6212 mL | 3.106 mL | 6.212 mL |
| 5 mM | 0.1242 mL | 0.6212 mL | 1.2424 mL |
| 10 mM | 0.0621 mL | 0.3106 mL | 0.6212 mL |
| 50 mM | 0.0124 mL | 0.0621 mL | 0.1242 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481