

Aa1 toxin

Chemical Properties

CAS No. :

Formula: C156H260N54O49S6

Molecular Weight: 3868.46

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 | Aa1 toxin, sourced from Androctonus australis Garzoni venom, is a neurotoxic peptide that specifically blocks potassium channels and has applications in neurological disease research [1]. |
| Targets(IC50) | Potassium Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2585 mL | 1.2925 mL | 2.585 mL |
| 5 mM | 0.0517 mL | 0.2585 mL | 0.517 mL |
| 10 mM | 0.0259 mL | 0.1293 mL | 0.2585 mL |
| 50 mM | 0.0052 mL | 0.0259 mL | 0.0517 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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