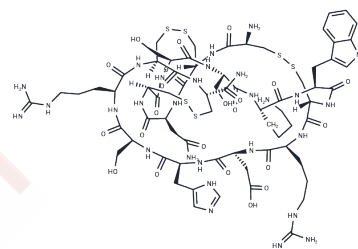


$\mu$ -Conotoxin KIIIA

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 884469-67-4   |
| Formula:          | C70H106N28O22S6   |
| Molecular Weight: | 1884.16   |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |   |
|---------------|---|
| Description   | $\mu$ -Conotoxin KIIIA, an analgesic compound derived from <i>Conus kinoshitai</i> , selectively inhibits mammalian neuronal voltage-gated sodium channels (VGSCs) (Nav1.2), offering potential utility in pain research [1] [2]. |
| Targets(IC50) | Sodium Channel  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.5307 mL | 2.6537 mL | 5.3074 mL |
| 5 mM  | 0.1061 mL | 0.5307 mL | 1.0615 mL |
| 10 mM | 0.0531 mL | 0.2654 mL | 0.5307 mL |
| 50 mM | 0.0106 mL | 0.0531 mL | 0.1061 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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