

Phlo1a

Chemical Properties

CAS No. :

Formula: C178H262N52O49S6

Molecular Weight: 4106.69

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 | Phlo1a (μ -TrTx-Phlo1a), a 35-amino acid peptide toxin, demonstrates a weak inhibitory effect on Nav1.2 and Nav1.5 channels [1]. Meanwhile, Phlo1b acts as a selective inhibitor of the Nav1.7 channel. |
| Targets(IC50) | Sodium Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2435 mL | 1.2175 mL | 2.4351 mL |
| 5 mM | 0.0487 mL | 0.2435 mL | 0.487 mL |
| 10 mM | 0.0244 mL | 0.1218 mL | 0.2435 mL |
| 50 mM | 0.0049 mL | 0.0244 mL | 0.0487 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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