

Phlo1b

Chemical Properties

CAS No. :

Formula: C181H260N52O49S6

Molecular Weight: 4140.71

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	Phlo1b (μ -TrTx-Phlo1b), a 35-amino acid peptide toxin, selectively inhibits Nav1.7 channels with minimal inhibition of Nav1.2 and Nav1.5 [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2415 mL	1.2075 mL	2.415 mL
5 mM	0.0483 mL	0.2415 mL	0.483 mL
10 mM	0.0242 mL	0.1208 mL	0.2415 mL
50 mM	0.0048 mL	0.0242 mL	0.0483 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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