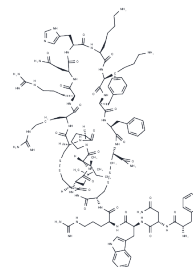


NMB-1

Chemical Properties

CAS No. : 2843557-76-4
 Formula: C₁₁₁H₁₆₄N₃₆O₂₁S₄
 Molecular Weight: 2466.98
 Storage: Keep away from moisture
 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	NMB-1, a conopeptide analogue, selectively inhibits sustained mechanically activated currents in sensory neurons with an IC ₅₀ of 1 μM, attenuating mechanical pain. It is utilized in research pertaining to hearing and pressure-evoked pain [1] [2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4054 mL	2.0268 mL	4.0535 mL
5 mM	0.0811 mL	0.4054 mL	0.8107 mL
10 mM	0.0405 mL	0.2027 mL	0.4054 mL
50 mM	0.0081 mL	0.0405 mL	0.0811 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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