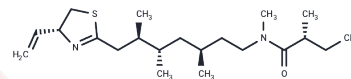


Kalkitoxin

Chemical Properties

CAS No. : 247184-89-0
 Formula: C₂₁H₃₈N₂O₅
 Molecular Weight: 366.6
 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	Kalkitoxin, a toxin sourced from the cyanobacterium <i>Lyngbya majuscula</i> , is known for causing neuronal necrosis through NMDA receptor mediation, blocking voltage-dependent sodium channels, and inducing cellular hypoxia by inhibiting complex 1 of the electron transport chain (ETC).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7278 mL	13.6388 mL	27.2777 mL
5 mM	0.5456 mL	2.7278 mL	5.4555 mL
10 mM	0.2728 mL	1.3639 mL	2.7278 mL
50 mM	0.0546 mL	0.2728 mL	0.5456 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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