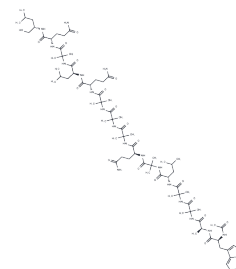


Ampullosporin A

Chemical Properties

CAS No. :	197960-94-4
Formula:	C77H127N19O19
Molecular Weight:	1622.95
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	Ampullosporin A is a peptaibol-type polypeptide isolated from the fungus <i>Sepedonium ampullosporum</i> (HKI-0053), exhibiting neuromodulatory activity. It inhibits hyperactivity induced by the NMDA receptor antagonist MK-801 and ameliorates social behavior abnormalities caused by subchronic ketamine treatment. Ampullosporin A modulates glutamate receptor activity without affecting dopamine D1 and D2 receptors.
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6162 mL	3.0808 mL	6.1616 mL
5 mM	0.1232 mL	0.6162 mL	1.2323 mL
10 mM	0.0616 mL	0.3081 mL	0.6162 mL
50 mM	0.0123 mL	0.0616 mL	0.1232 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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