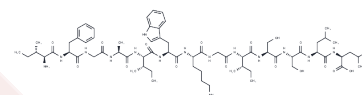


Pantinin-2

Chemical Properties

CAS No. :	2383115-01-1
Formula:	C69H109N15O16
Molecular Weight:	1404.69
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Pantinin-2, a cysteine-free toxic peptide from the emperor scorpion (paninus imperator), exhibits high activity against Gram-positive bacteria and relatively low activity against Gram-negative bacteria. In addition, Pantinin-2 also has some activity against Candida tropicalis and exhibits mild hemolytic activity against human erythrocytes. This compound has the potential to treat drug-resistant pathogens.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7119 mL	3.5595 mL	7.119 mL
5 mM	0.1424 mL	0.7119 mL	1.4238 mL
10 mM	0.0712 mL	0.356 mL	0.7119 mL
50 mM	0.0142 mL	0.0712 mL	0.1424 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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