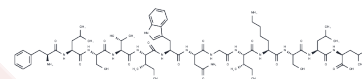


Pantinin-3

Chemical Properties

CAS No. :	2383115-06-6
Formula:	C72H114N16O18
Molecular Weight:	1491.77
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-3, an antibacterial peptide with antitumor activity, is found in the venom of the Emperor Scorpion (Pandinus imperator). This compound exhibits selective toxicity towards breast cancer cells (MDA-MB-231) and prostate cancer cells (DU-145). It can induce apoptosis in tumor cells, making Pantinin-3 a valuable candidate for cancer research.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6703 mL	3.3517 mL	6.7034 mL
5 mM	0.1341 mL	0.6703 mL	1.3407 mL
10 mM	0.067 mL	0.3352 mL	0.6703 mL
50 mM	0.0134 mL	0.067 mL	0.1341 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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