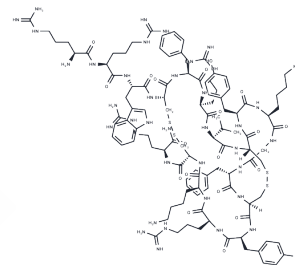


Polyphemusin II

Chemical Properties

CAS No. :	125139-68-6
Formula:	C108H161N37O20S4
Molecular Weight:	2425.93
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	Polyphemusin II is an antimicrobial peptide isolated from the blood cells of the American horseshoe crab. It exhibits antimicrobial activity against a variety of Gram-positive and Gram-negative bacteria, as well as fungi.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4122 mL	2.0611 mL	4.1221 mL
5 mM	0.0824 mL	0.4122 mL	0.8244 mL
10 mM	0.0412 mL	0.2061 mL	0.4122 mL
50 mM	0.0082 mL	0.0412 mL	0.0824 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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