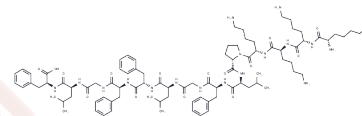


The K4 peptide

Chemical Properties

CAS No. :	1163064-86-5
Formula:	C87H132N18O15
Molecular Weight:	1670.09
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	K4 peptide exhibits potent antimicrobial properties, effectively targeting both Gram-positive and Gram-negative bacteria, particularly pathogenic strains like Staphylococcus aureus and Marine Vibrio species [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5988 mL	2.9939 mL	5.9877 mL
5 mM	0.1198 mL	0.5988 mL	1.1975 mL
10 mM	0.0599 mL	0.2994 mL	0.5988 mL
50 mM	0.012 mL	0.0599 mL	0.1198 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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