

RP-1

Chemical Properties

CAS No. : 239114-03-5

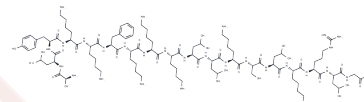
Formula: C104H184N28O21

Molecular Weight: 2162.75

Keep away from moisture

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	RP-1, an antimicrobial peptide, exhibits activity against a range of pathogens, including <i>S. aureus</i> , <i>S. typhimurium</i> , <i>E. coli</i> , and <i>C. albicans</i> [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4624 mL	2.3119 mL	4.6237 mL
5 mM	0.0925 mL	0.4624 mL	0.9247 mL
10 mM	0.0462 mL	0.2312 mL	0.4624 mL
50 mM	0.0092 mL	0.0462 mL	0.0925 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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