

OP-145

## Chemical Properties

CAS No. : 732984-81-5

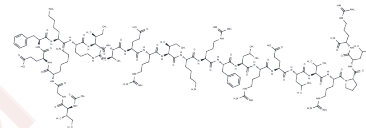
Formula: C142H246N46O31

Molecular Weight: 3093.76

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	OP-145 is a derivative of the antimicrobial peptide LL-37, known for its antibacterial properties against multiple MRSA strains. This compound is applicable in studies on chronic suppurative otitis media.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3232 mL	1.6162 mL	3.2323 mL
5 mM	0.0646 mL	0.3232 mL	0.6465 mL
10 mM	0.0323 mL	0.1616 mL	0.3232 mL
50 mM	0.0065 mL	0.0323 mL	0.0646 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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