

## Lynronne-3

## Chemical Properties

CAS No. :

Formula: C119H187N43O25S

Molecular Weight: 2652.1

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	Lynronne-3, an antimicrobial peptide, demonstrates activity against Gram-positive bacteria, including multi-drug resistant (MDR) strains, with a minimum inhibitory concentration (MIC) ranging from 32-128 µg/mL for methicillin-resistant Staphylococcus aureus (MRSA) strains. Additionally, Lynronne-3 is efficacious in combating Pseudomonas aeruginosa infections [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3771 mL	1.8853 mL	3.7706 mL
5 mM	0.0754 mL	0.3771 mL	0.7541 mL
10 mM	0.0377 mL	0.1885 mL	0.3771 mL
50 mM	0.0075 mL	0.0377 mL	0.0754 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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