

Lynronne-1

Chemical Properties

CAS No. :

Formula: C113H183N35O23

Molecular Weight: 2399.88

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-1, an antimicrobial peptide, exhibits activity against Gram-positive bacteria, including multi-drug resistant (MDR) strains, with a minimal inhibitory concentration (MIC) of 8-32 µg/mL for methicillin-resistant MRSA strains. Additionally, it effectively reduces the bacterial load in a murine model of MRSA-infected wounds and demonstrates efficacy against P. aeruginosa infections [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4167 mL	2.0834 mL	4.1669 mL
5 mM	0.0833 mL	0.4167 mL	0.8334 mL
10 mM	0.0417 mL	0.2083 mL	0.4167 mL
50 mM	0.0083 mL	0.0417 mL	0.0833 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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