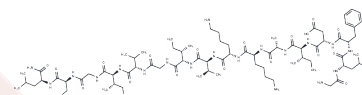


## Aurein 2.6

## Chemical Properties

CAS No. :	302343-10-8
Formula:	C77H133N19O19
Molecular Weight:	1629
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	Aurein 2.6, an antibiotic antimicrobial peptide, exhibits activity against various Gram-positive bacteria with minimum inhibitory concentrations (MIC) of 25, 25, 30, 25, and 30 $\mu$ M for <i>M. luteus</i> , <i>S. aureus</i> , <i>S. epidermis</i> , <i>S. mutans</i> , and <i>B. subtilis</i> , respectively [1][2].
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6139 mL	3.0694 mL	6.1387 mL
5 mM	0.1228 mL	0.6139 mL	1.2277 mL
10 mM	0.0614 mL	0.3069 mL	0.6139 mL
50 mM	0.0123 mL	0.0614 mL	0.1228 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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