

## Bombinin H1

## Chemical Properties

CAS No. :

Formula: C90H163N23O21S

Molecular Weight: 1935.46

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	Bombinin H1, an antimicrobial peptide originating from the skin of the Bombina variegata moth, exhibits lethal concentrations of 3.8 $\mu$ M against Escherichia coli D21 and 2.1 $\mu$ M against Staphylococcus aureus Cowan 1 [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5167 mL	2.5834 mL	5.1667 mL
5 mM	0.1033 mL	0.5167 mL	1.0333 mL
10 mM	0.0517 mL	0.2583 mL	0.5167 mL
50 mM	0.0103 mL	0.0517 mL	0.1033 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.

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