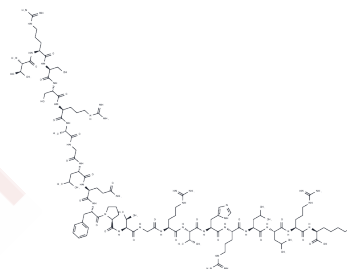


## Buforin II

## Chemical Properties

CAS No. :	172998-24-2
Formula:	C106H184N40O26
Molecular Weight:	2434.85
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	Buforin II, a powerful antimicrobial peptide originating from Buforin I (a protein extracted from the Asian toad Bufo bufo gargarizans's stomach), exhibits broad-spectrum antimicrobial properties against both Gram-positive and Gram-negative bacteria [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4107 mL	2.0535 mL	4.107 mL
5 mM	0.0821 mL	0.4107 mL	0.8214 mL
10 mM	0.0411 mL	0.2054 mL	0.4107 mL
50 mM	0.0082 mL	0.0411 mL	0.0821 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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