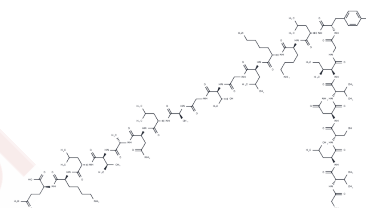


GVLSNVIGYLKKLGTGALNAVLKQ

## Chemical Properties

CAS No. : 136831-50-0  
 Formula: C112H194N30O31  
 Molecular Weight: 2456.92  
 Storage: Keep away from moisture  
 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	GVLSNVIGYLKKLGTGALNAVLKQ (PGQ) is a 24-amino acid antimicrobial peptide capable of forming an $\alpha$ -helix structure. It exhibits activity against both Gram-negative and Gram-positive bacteria, as well as the yeast <i>Candida albicans</i> [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.407 mL	2.0351 mL	4.0701 mL
5 mM	0.0814 mL	0.407 mL	0.814 mL
10 mM	0.0407 mL	0.2035 mL	0.407 mL
50 mM	0.0081 mL	0.0407 mL	0.0814 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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