

## Gageotetrin C

## Chemical Properties

CAS No. : 1536405-84-1

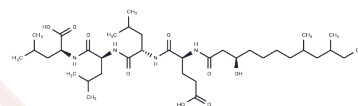
Formula: C37H68N4O9

Molecular Weight: 712.96

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	Gageotetrin C, an antimicrobial peptide sourced from the marine bacterium <i>Bacillus subtilis</i> , exhibits significant antifungal activity with a minimal inhibitory concentration (MIC) value of 0.02-0.04 $\mu$ M [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4026 mL	7.013 mL	14.026 mL
5 mM	0.2805 mL	1.4026 mL	2.8052 mL
10 mM	0.1403 mL	0.7013 mL	1.4026 mL
50 mM	0.0281 mL	0.1403 mL	0.2805 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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481