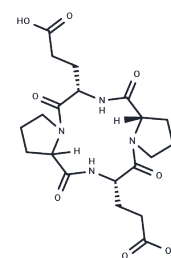


Cyclopeptide 1

Chemical Properties

CAS No. :	82081-23-0
Formula:	C ₂₀ H ₂₈ N ₄ O ₈
Molecular Weight:	452.46
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	Cyclopeptide 1 (Compound 1) is an antimicrobial peptide exhibiting moderate efficacy in inhibiting <i>B. subtilis</i> , presenting a minimum inhibitory concentration (MIC) of 25 µg/mL [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2101 mL	11.0507 mL	22.1014 mL
5 mM	0.442 mL	2.2101 mL	4.4203 mL
10 mM	0.221 mL	1.1051 mL	2.2101 mL
50 mM	0.0442 mL	0.221 mL	0.442 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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