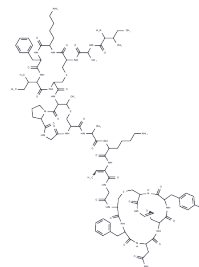


Epidermin

Chemical Properties

CAS No. :	99165-17-0
Formula:	C ₉₈ H ₁₄₁ N ₂₅ O ₂₃ S ₄
Molecular Weight:	2165.58
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	Epidermin is a type A lantibiotic and is a tetracyclic peptide composed of 21 amino acids, exhibiting antibiotic activity against numerous Gram-positive bacteria. Epidermin functions as both a metabolite and an antimicrobial agent.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4618 mL	2.3089 mL	4.6177 mL
5 mM	0.0924 mL	0.4618 mL	0.9235 mL
10 mM	0.0462 mL	0.2309 mL	0.4618 mL
50 mM	0.0092 mL	0.0462 mL	0.0924 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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