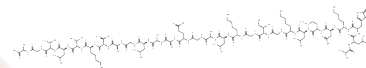


Dermaseptin-B3

Chemical Properties

CAS No. :	210890-55-4
Formula:	C127H219N35O32S
Molecular Weight:	2780.38
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	Dermaseptin-B3 is an antimicrobial peptide that exhibits inhibitory effects against both Gram-positive and Gram-negative bacterial strains, with minimum inhibitory concentrations (MICs) of 1.3, 2.3, 5.0, 2.6, and 2.3 μ M for <i>S. aureus</i> , <i>P. aeruginosa</i> , <i>E. (ATCC 25922)</i> , and <i>E. (54127)</i> respectively. Additionally, this compound demonstrates antiproliferative activity against tumor cells [1] [2].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3597 mL	1.7983 mL	3.5966 mL
5 mM	0.0719 mL	0.3597 mL	0.7193 mL
10 mM	0.036 mL	0.1798 mL	0.3597 mL
50 mM	0.0072 mL	0.036 mL	0.0719 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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