

Dermaseptin

Chemical Properties

CAS No. : 136212-91-4

Formula: C152H257N43O44S2

Molecular Weight: 3455.1

ALWKTMKKLGTMLHAGKAALGAAADTISQGTQ

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	Dermaseptin is a peptide expressed by the frog skin glands with a potent antimicrobial activity against bacteria, fungi and protozoa.
Targets(IC50)	Antibacterial,Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2894 mL	1.4471 mL	2.8943 mL
5 mM	0.0579 mL	0.2894 mL	0.5789 mL
10 mM	0.0289 mL	0.1447 mL	0.2894 mL
50 mM	0.0058 mL	0.0289 mL	0.0579 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.

Reference

Mor A, et al. Isolation, amino acid sequence, and synthesis of dermaseptin, a novel antimicrobial peptide of amphibian skin. Biochemistry. 1991 Sep 10;30(36):8824-30.

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