

Maximin H4

Chemical Properties

CAS No. :

Formula: C98H177N25O23

Molecular Weight: 2073.61

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	Maximin H4, an antimicrobial peptide originating from the skin secretions of the Chinese red belly toad (<i>Bombina maxima</i>), exhibits inhibitory activity against a spectrum of microorganisms, including <i>Escherichia coli</i> (ATCC25922), <i>Staphylococcus aureus</i> (ATCC2592), <i>Bacillus pyocyaneus</i> (CMCCB1010), and <i>Candida albicans</i> (ATCC2002), with respective minimum inhibitory concentration (MIC) values of 12, 6, 12, and 6 µg/ml [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4823 mL	2.4113 mL	4.8225 mL
5 mM	0.0965 mL	0.4823 mL	0.9645 mL
10 mM	0.0482 mL	0.2411 mL	0.4823 mL
50 mM	0.0096 mL	0.0482 mL	0.0965 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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