

Maximin H2

Chemical Properties

CAS No. :

Formula: C97H176N24O23S

Molecular Weight: 2078.65

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 H2, an antimicrobial peptide originating from the skin secretions of the Chinese red belly toad (<i>Bombina maxima</i>), exhibits inhibitory effects on a range of microorganisms, specifically <i>Escherichia coli</i> (ATCC25922), <i>Staphylococcus aureus</i> (ATCC2592), <i>Bacillus pyocyaneus</i> (CMCCB1010), and <i>Candida albicans</i> (ATCC2002). The respective minimum inhibitory concentration (MIC) values are reported as 20, 2, 4, and 2 µg/ml [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4811 mL	2.4054 mL	4.8108 mL
5 mM	0.0962 mL	0.4811 mL	0.9622 mL
10 mM	0.0481 mL	0.2405 mL	0.4811 mL
50 mM	0.0096 mL	0.0481 mL	0.0962 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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