

Hb 98-114

Chemical Properties

CAS No. :

Formula: C89H146N22O22

Molecular Weight: 1876.25

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	Hb 98-114, the segment comprising amino acids 98-114 of the bovine hemoglobin alpha subunit, functions as an antimicrobial peptide with demonstrated activity against a spectrum of yeast and filamentous fungi, exhibiting minimum inhibitory concentrations (MIC) ranging from 2.1 μ M to 12.5 μ M [1].
Targets(IC50)	Antibacterial,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.533 mL	2.6649 mL	5.3298 mL
5 mM	0.1066 mL	0.533 mL	1.066 mL
10 mM	0.0533 mL	0.2665 mL	0.533 mL
50 mM	0.0107 mL	0.0533 mL	0.1066 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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