

GP-2B

Chemical Properties

CAS No. :

Formula: C₁₃H₂₀N₄O₉S

Molecular Weight: 408.38

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	GP-2B, an antimicrobial peptide, exhibits antibacterial activity against Gram-positive strains, with a minimum inhibitory concentration (MIC) ranging from 8 to 128 µg/mL for <i>S. aureus</i> and <i>Enterococcus faecalis</i> [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4487 mL	12.2435 mL	24.487 mL
5 mM	0.4897 mL	2.4487 mL	4.8974 mL
10 mM	0.2449 mL	1.2243 mL	2.4487 mL
50 mM	0.049 mL	0.2449 mL	0.4897 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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