

Hispidalin

Chemical Properties

CAS No. :	2243219-67-0
Formula:	C ₂₅ H ₃₇ N ₇ O ₇
Molecular Weight:	5700.17
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Hispidalin, a novel antimicrobial peptide, exhibits broad and efficient antibacterial and antifungal properties against diverse pathogens, making it an effective antibacterial agent and food preservative [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1754 mL	0.8772 mL	1.7543 mL
5 mM	0.0351 mL	0.1754 mL	0.3509 mL
10 mM	0.0175 mL	0.0877 mL	0.1754 mL
50 mM	0.0035 mL	0.0175 mL	0.0351 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481