

Bactenecin TFA

Chemical Properties

CAS No. :

Formula: C₆₅H₁₁₉F₃N₂₄O₁₅S₂

Molecular Weight: 1597.94

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	Bactenecin TFA (Bactenecin, bovine TFA), a potent 12-aa looped antimicrobial peptide derived from bovine neutrophils, effectively inhibits bacterial and yeast growth, eradicates <i>Trichophyton rubrum</i> fungus, enhances membrane permeability, and suppresses <i>B. pseudomallei</i> growth and biofilm formation [1] [2] [3].
Targets(IC50)	Others, Antibacterial, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6258 mL	3.129 mL	6.2581 mL
5 mM	0.1252 mL	0.6258 mL	1.2516 mL
10 mM	0.0626 mL	0.3129 mL	0.6258 mL
50 mM	0.0125 mL	0.0626 mL	0.1252 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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