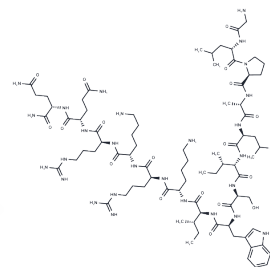


MCF

Chemical Properties

CAS No. : 579474-25-2
 Formula: C₈₄H₁₄₄N₂₈O₁₉
 Molecular Weight: 1850.22
 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	MCF, an antimicrobial peptide originating from bee venom, exhibits activity against E. coli W 160-37, S. aureus 8530, and B. subtilis, with minimum inhibitory concentration (MIC) values of 35-45 µg/ml, 25-35 µg/ml, and 15-25 µg/ml, respectively [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5405 mL	2.7024 mL	5.4048 mL
5 mM	0.1081 mL	0.5405 mL	1.081 mL
10 mM	0.054 mL	0.2702 mL	0.5405 mL
50 mM	0.0108 mL	0.054 mL	0.1081 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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