

IKFQFHFD

Chemical Properties

CAS No. : 2169935-95-7

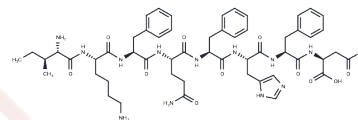
Formula: C54H72N12O12

Molecular Weight: 1081.22

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	IKFQFHFD is a pH-responsive self-assembling peptide. It exhibits biocompatibility at neutral pH and adopts an antimicrobial peptide-like molecular structure only at acidic pH. IKFQFHFD can be used to treat chronic wounds caused by biofilm infections, such as venous ulcers, diabetic ulcers, and pressure sores.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9249 mL	4.6244 mL	9.2488 mL
5 mM	0.185 mL	0.9249 mL	1.8498 mL
10 mM	0.0925 mL	0.4624 mL	0.9249 mL
50 mM	0.0185 mL	0.0925 mL	0.185 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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