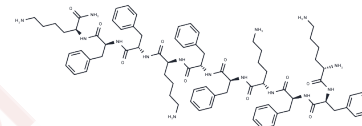


(KFF)3K

## Chemical Properties

CAS No. :	622402-94-2
Formula:	C78H105N15O10
Molecular Weight:	1412.76
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	(KFF)3K is a cell-penetrating peptide that enhances the absorption of other antibiotics by disrupting the outer membrane of bacteria. This compound introduces a hydrocarbon scaffold that induces its antibacterial properties, rendering it an effective antimicrobial peptide. Additionally, (KFF)3K has potential applications in the development of novel antimicrobial agents.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7078 mL	3.5392 mL	7.0783 mL
5 mM	0.1416 mL	0.7078 mL	1.4157 mL
10 mM	0.0708 mL	0.3539 mL	0.7078 mL
50 mM	0.0142 mL	0.0708 mL	0.1416 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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