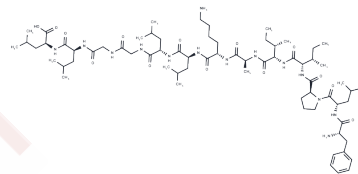


## Peptide 5e

## Chemical Properties

CAS No. :	908065-89-4
Formula:	C <sub>69</sub> H <sub>118</sub> N <sub>14</sub> O <sub>14</sub>
Molecular Weight:	1367.76
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	Peptide 5e, an antimicrobial peptide, exhibits inhibitory activity against E. coli, S. aureus, and C. albicans with respective minimum inhibitory concentration (MIC) values of 30, 5, and 25 µg/mL [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7311 mL	3.6556 mL	7.3112 mL
5 mM	0.1462 mL	0.7311 mL	1.4622 mL
10 mM	0.0731 mL	0.3656 mL	0.7311 mL
50 mM	0.0146 mL	0.0731 mL	0.1462 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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