

## CysHHC10

## Chemical Properties

CAS No. : 1408311-03-4

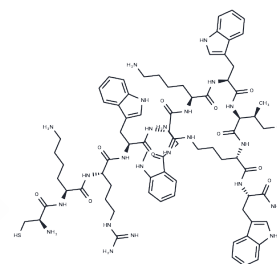
Formula: C77H107N23O10S

Molecular Weight: 1546.89

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	CysHHC10 is a synthetic antimicrobial peptide (AMP) that exhibits strong antimicrobial properties against both Gram-positive and Gram-negative bacteria.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6465 mL	3.2323 mL	6.4646 mL
5 mM	0.1293 mL	0.6465 mL	1.2929 mL
10 mM	0.0646 mL	0.3232 mL	0.6465 mL
50 mM	0.0129 mL	0.0646 mL	0.1293 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.

## Reference

Li NN, et al. An antimicrobial peptide with an aggregation-induced emission (AIE) luminogen for studying bacterial membrane interactions and antibacterial actions. Chem Commun (Camb). 2017 Mar 16;53(23):3315-3318.

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