

## CysHHC10 acetate

## Chemical Properties

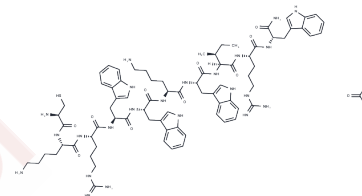
CAS No. :

Formula: C79H111N23O12S

Molecular Weight: 1606.94

Storage: Store at low temperature, Keep away from moisture  
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 acetate shows antibacterial activities against both Gram-positive and Gram-negative bacteria with MIC of 10.1, 20.2, 2.5, and 1.3 mM for E. coli, P. aeruginosa, S. aureus, and S. epidermidis, respectively.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6223 mL	3.1115 mL	6.223 mL
5 mM	0.1245 mL	0.6223 mL	1.2446 mL
10 mM	0.0622 mL	0.3112 mL	0.6223 mL
50 mM	0.0124 mL	0.0622 mL	0.1245 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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