

CysHHC10 TFA(1408311-03-4 free base)

Chemical Properties

CAS No. :

Formula: C79H108F3N23O12S

Molecular Weight: 1660.91

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 TFA is a synthetic antimicrobial peptide (AMP), and exhibits strong anti-microbial properties against both Gram-positive and Gram-negative bacteria.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6021 mL	3.0104 mL	6.0208 mL
5 mM	0.1204 mL	0.6021 mL	1.2042 mL
10 mM	0.0602 mL	0.301 mL	0.6021 mL
50 mM	0.012 mL	0.0602 mL	0.1204 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481