

PP113

## Chemical Properties

CAS No. :

Formula: C229H355N71O59

Molecular Weight: 5046.71

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	PP113 is an antimicrobial peptide with activity against both Gram-negative and Gram-positive bacteria, exhibiting minimum inhibitory concentrations (MICs) of 73.3 $\mu$ M for E. coli, 23.3 $\mu$ M for B. subtilis, 13 $\mu$ M for S. aureus, 16.7 $\mu$ M for S. lutea, and 23.3 $\mu$ M for B. pumilus [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1981 mL	0.9907 mL	1.9815 mL
5 mM	0.0396 mL	0.1981 mL	0.3963 mL
10 mM	0.0198 mL	0.0991 mL	0.1981 mL
50 mM	0.004 mL	0.0198 mL	0.0396 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

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