

## Maximin 41

## Chemical Properties

CAS No. :

Formula: C110H187N31O30

Molecular Weight: 2423.85

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	Maximin 41, an antimicrobial peptide, exhibits antibacterial activity against <i>S. aureus</i> with a minimum inhibitory concentration (MIC) of 75 µg/mL and demonstrates hemolytic activities against human red cells [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4126 mL	2.0628 mL	4.1257 mL
5 mM	0.0825 mL	0.4126 mL	0.8251 mL
10 mM	0.0413 mL	0.2063 mL	0.4126 mL
50 mM	0.0083 mL	0.0413 mL	0.0825 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