

PSM- β

Chemical Properties

CAS No. :

Formula: C208H338N52O65S

Molecular Weight: 4639.28

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	PSM- β , an active peptide isolated from Staphylococcus epidermidis, acts as an analog of staphylococcal toxins and is also known as a phenol-soluble modulin (PSM). PSM- β exhibits bacteriostatic properties and possesses minimal hemolytic activity [1] [2].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2156 mL	1.0778 mL	2.1555 mL
5 mM	0.0431 mL	0.2156 mL	0.4311 mL
10 mM	0.0216 mL	0.1078 mL	0.2156 mL
50 mM	0.0043 mL	0.0216 mL	0.0431 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.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481