

Daptomycin

Catalog No: #S1665

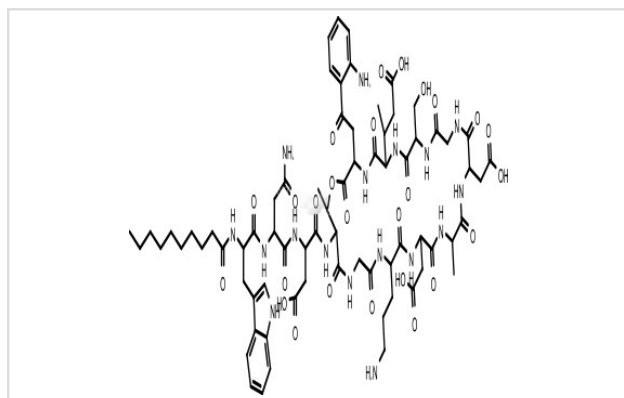
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Description

Product Name	Daptomycin
Brief Description	Inhibitors
Purification	99.50%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	1620.68
Formulation	C72H101N17O26
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: CCCCCCCCC(=O)N[C@@H](CC1=CNC2=CC=CC=C21)C(=O)N[C@@H](CC(=O)N)C(=O)N[C@@H](CC(=O)O)C(=O)NC3C(OC(=O)[C@@H](NC(=O)[C@@H](NC(=O)[C@H](NC(=O)CNC(=O)[C@@H](NC(=O)[C@H](NC(=O)[C@@H](NC(=O)[C@@H](NC(=O)CNC3=O)CCCN)CC(=O)O)C)CC(=O)O)CO)C(C)CC(=O)O)CC(=O)C4=CC=CC=C4N)C Pathways: DNA Damage/DNA Repair Receptor: DNA synthesis

Boling pt: 2078.2 °C Melting pt: 202-204 °C Solubility: Water: 100 mg/mL (61.7 mM) Appearance: Yellow Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Silverman JA, et al. Antimicrob Agents Chem Others, 2003, 47(8), 2538-2544.

Note: This product is for in vitro research use only