

Thiostrepton

Catalog No: #S1679

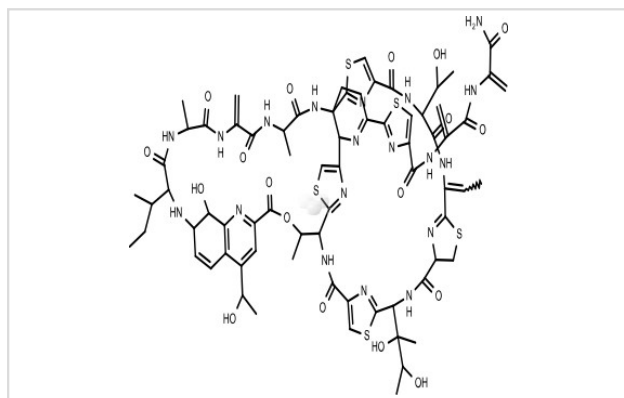
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Description

Product Name	Thiostrepton
Brief Description	Inhibitors
Purification	90%+
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	1664.89
Formulation	C72H85N19O18S5
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: CCC(C)C1C(=O)NC(C(=O)NC(=C)C(=O)NC(C(=O)NC23CCC(=NC2C4=CSC(=N4)C(C(OC(=O)C5=NC6=C(C=CC(C6O)N1)C(=C5)C(C)O)C)NC(=O)C7=CSC(=N7)C(NC(=O)C8CSC(=N8)/C(=C\C)/NC(=O)C(NC(=O)C9=CSC3=N9)C(C)O)C(C)(C(C)O)O)C1=NC(=CS1)C(=O)NC(=C)C(=O)NC(=C)C(=O)N)C)C Pathways: DNA Damage/DNA Repair Receptor: DNA synthesis Boiling pt: Melting pt: 248-257°C Solubility: DMSO: 40mg/mL Appearance: White 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 month.

References

1. Kuiper EG, Conn GL. J Biol Chem. 2014 Sep 19;289(38):26189-200.

Note: This product is for in vitro research use only