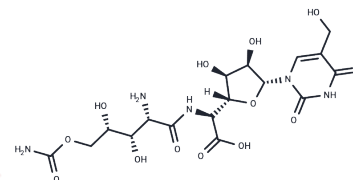


Polyoxin B

Chemical Properties

CAS No. : 19396-06-6
Formula: C₁₇H₂₅N₅O₁₃
Molecular Weight: 507.41
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Polyoxin B is a nucleoside antibiotics composed of heterocyclic moieties containing nitrogen. Polyoxin B inhibits the biosynthesis of chitin.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9708 mL	9.854 mL	19.7079 mL
5 mM	0.3942 mL	1.9708 mL	3.9416 mL
10 mM	0.1971 mL	0.9854 mL	1.9708 mL
50 mM	0.0394 mL	0.1971 mL	0.3942 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.

Reference

Ji Q, Ge Z, Ge Z, Chen K, Wu H, Liu X, Huang Y, Yuan L, Yang X, Liao F. Synthesis and biological evaluation of novel phosphoramidate derivatives of coumarin as chitin synthase inhibitors and antifungal agents. Eur J Med Chem.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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