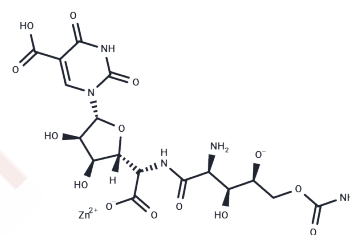


Polyoxin D zinc

Chemical Properties

CAS No. :	146659-78-1
Formula:	C ₁₇ H ₂₁ N ₅ O ₁₄ Zn
Molecular Weight:	584.78
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	Polyoxin D (zinc) (Polyoxorim (zinc)), a fungicidal antibiotic belonging to the polyoxin class, acts as a potent inhibitor of chitin synthetase (chitin synthetase).
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.710 mL	8.5502 mL	17.1004 mL
5 mM	0.342 mL	1.710 mL	3.4201 mL
10 mM	0.171 mL	0.855 mL	1.710 mL
50 mM	0.0342 mL	0.171 mL	0.342 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

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