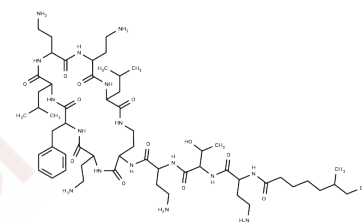


Polymyxin T1

Chemical Properties

CAS No. :	63700-39-0
Formula:	C ₅₈ H ₁₀₂ N ₁₆ O ₁₂
Molecular Weight:	1215.53
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	Polymyxin T1 is an antibiotic produced by <i>Bacillus polymyxa</i> (E-12) that is effective against Gram-negative bacteria, while its efficacy against Gram-positive bacteria is relatively weaker.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8227 mL	4.1134 mL	8.2269 mL
5 mM	0.1645 mL	0.8227 mL	1.6454 mL
10 mM	0.0823 mL	0.4113 mL	0.8227 mL
50 mM	0.0165 mL	0.0823 mL	0.1645 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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