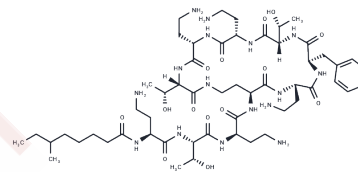


Polymyxin P1

Chemical Properties

CAS No. : 37331-24-1
 Formula: C₅₄H₉₄N₁₆O₁₄
 Molecular Weight: 1191.42
 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 P1 can be produced by Paenibacillus polymyxa T-39 and has the ability to inhibit Gram-positive bacteria.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8393 mL	4.1967 mL	8.3933 mL
5 mM	0.1679 mL	0.8393 mL	1.6787 mL
10 mM	0.0839 mL	0.4197 mL	0.8393 mL
50 mM	0.0168 mL	0.0839 mL	0.1679 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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