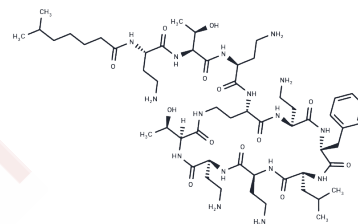


Polymyxin B2

Chemical Properties

CAS No. :	34503-87-2
Formula:	C ₅₅ H ₉₆ N ₁₆ O ₁₃
Molecular Weight:	1189.45
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 B2 is an antibiotic primarily utilized for resistant Gram-negative infections. It is derived from the bacterium Bacillus polymyxa.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8407 mL	4.2036 mL	8.4072 mL
5 mM	0.1681 mL	0.8407 mL	1.6814 mL
10 mM	0.0841 mL	0.4204 mL	0.8407 mL
50 mM	0.0168 mL	0.0841 mL	0.1681 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.

Reference

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