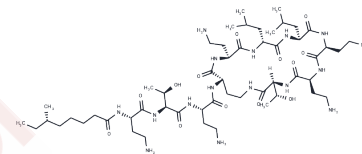


Colistin A

Chemical Properties

CAS No. :	7722-44-3
Formula:	C ₅₃ H ₁₀₀ N ₁₆ O ₁₃
Molecular Weight:	1169.46
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Colistin A is an antibiotic generated by certain strains of the bacteria Paenibacillus polymyxa. Colistin is a mixture of the cyclic polypeptides colistin A and B and belongs to the class of polypeptide antibiotics known as polymyxins. Colistin is effective against most Gram-negative bacilli.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8551 mL	4.2755 mL	8.551 mL
5 mM	0.171 mL	0.8551 mL	1.7102 mL
10 mM	0.0855 mL	0.4275 mL	0.8551 mL
50 mM	0.0171 mL	0.0855 mL	0.171 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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