

Colistin A sulfate hydrate

Chemical Properties

CAS No. :

Formula: C53H104N16O18S

Molecular Weight: 1285.55

Keep away from moisture

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	Colistin A sulfate hydrate, a key constituent of the polymyxin antibiotic Colistin, effectively combats infections from challenging gram-negative bacteria [1].
Targets(IC50)	Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7779 mL	3.8894 mL	7.7788 mL
5 mM	0.1556 mL	0.7779 mL	1.5558 mL
10 mM	0.0778 mL	0.3889 mL	0.7779 mL
50 mM	0.0156 mL	0.0778 mL	0.1556 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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