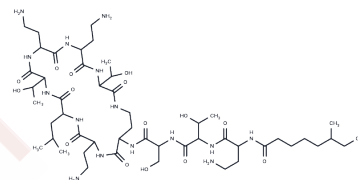


## Polymyxin D1

## Chemical Properties

CAS No. : 10072-50-1  
 Formula: C<sub>50</sub>H<sub>93</sub>N<sub>15</sub>O<sub>15</sub>  
 Molecular Weight: 1144.36  
 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 D1 is a lipopeptide antibiotic that is more effective against Gram-negative bacteria than Gram-positive bacteria.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8739 mL	4.3693 mL	8.7385 mL
5 mM	0.1748 mL	0.8739 mL	1.7477 mL
10 mM	0.0874 mL	0.4369 mL	0.8739 mL
50 mM	0.0175 mL	0.0874 mL	0.1748 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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