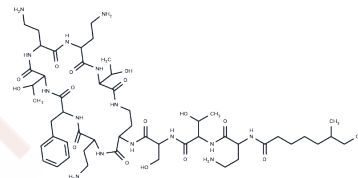


## Polymyxin S1

## Chemical Properties

CAS No. :	63700-38-9
Formula:	C <sub>53</sub> H <sub>91</sub> N <sub>15</sub> O <sub>15</sub>
Molecular Weight:	1178.38
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 S1, produced by Bacillus polymyxa RS-6, exhibits resistance against Gram-positive bacteria.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8486 mL	4.2431 mL	8.4862 mL
5 mM	0.1697 mL	0.8486 mL	1.6972 mL
10 mM	0.0849 mL	0.4243 mL	0.8486 mL
50 mM	0.017 mL	0.0849 mL	0.1697 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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