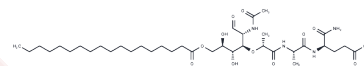


L18-MDP

## Chemical Properties

CAS No. : 60398-08-5  
 Formula: C<sub>37</sub>H<sub>66</sub>N<sub>4</sub>O<sub>12</sub>  
 Molecular Weight: 758.94  
 Storage: Keep away from moisture  
 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	L18-MDP, a derivative of the antibacterial agent muramyl dipeptide, exhibits antibacterial activity and shows promise for use in treating bacterial and fungal infections [1].
Targets(IC50)	Antibacterial, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3176 mL	6.5881 mL	13.1763 mL
5 mM	0.2635 mL	1.3176 mL	2.6353 mL
10 mM	0.1318 mL	0.6588 mL	1.3176 mL
50 mM	0.0264 mL	0.1318 mL	0.2635 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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