

## Laterocidine

## Chemical Properties

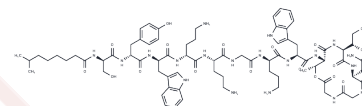
CAS No. :

Formula: C78H113N19O18

Molecular Weight: 1604.85

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	Laterocidine is a potent macrolide lipopeptide antibiotic, primarily effective against Gram-negative bacteria including *Pseudomonas aeruginosa* and colistin-resistant *E. coli*. The compound also poses a low risk for the development of antibiotic resistance.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6231 mL	3.1156 mL	6.2311 mL
5 mM	0.1246 mL	0.6231 mL	1.2462 mL
10 mM	0.0623 mL	0.3116 mL	0.6231 mL
50 mM	0.0125 mL	0.0623 mL	0.1246 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.

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