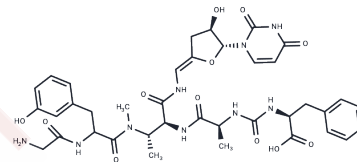


## Pacidamycin 7

## Chemical Properties

CAS No. :	121808-59-1
Formula:	C38H47N9O12
Molecular Weight:	821.83
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	Pacidamycin 7 exhibits inhibitory effects against <i>Pseudomonas aeruginosa</i> . It also acts on a limited number of bacterial strains such as <i>Staphylococcus pyogenes</i> and <i>Escherichia coli</i> . Its antimicrobial activity can be reduced by serum and is further influenced by pH levels.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2168 mL	6.084 mL	12.168 mL
5 mM	0.2434 mL	1.2168 mL	2.4336 mL
10 mM	0.1217 mL	0.6084 mL	1.2168 mL
50 mM	0.0243 mL	0.1217 mL	0.2434 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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