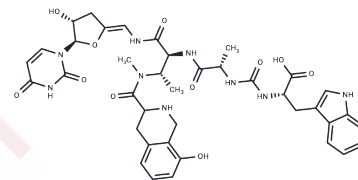


## Pacidamycin 4N

## Chemical Properties

CAS No. :	328110-91-4
Formula:	C39H45N9O11
Molecular Weight:	815.83
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 4N is an antibiotic belonging to the pacidamycin class that exhibits activity against <i>Pseudomonas aeruginosa</i> , with a minimum inhibitory concentration (MIC) ranging from 4 to 16 µg/mL. It is ineffective against other Gram-negative and Gram-positive bacteria, as well as against resistant strains of <i>Pseudomonas aeruginosa</i> .
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2257 mL	6.1287 mL	12.2575 mL
5 mM	0.2451 mL	1.2257 mL	2.4515 mL
10 mM	0.1226 mL	0.6129 mL	1.2257 mL
50 mM	0.0245 mL	0.1226 mL	0.2451 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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