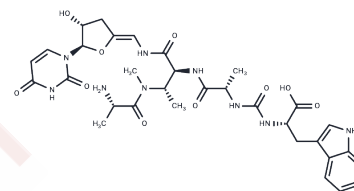


## Pacidamycin D

## Chemical Properties

CAS No. :	287107-95-3
Formula:	C32H41N9O10
Molecular Weight:	711.722
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 D is an antibiotic of the Pacidamycin class, demonstrating activity against <i>Pseudomonas aeruginosa</i> with a minimum inhibitory concentration (MIC) of 4-16 µg/mL. It shows no efficacy against other Gram-negative or Gram-positive bacteria, nor does it affect drug-resistant strains of <i>Pseudomonas aeruginosa</i> .
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.405 mL	7.0252 mL	14.0505 mL
5 mM	0.281 mL	1.405 mL	2.8101 mL
10 mM	0.1405 mL	0.7025 mL	1.405 mL
50 mM	0.0281 mL	0.1405 mL	0.281 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481