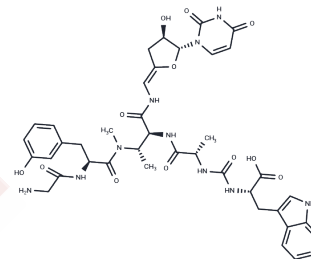


## Pacidamycin 6

## Chemical Properties

CAS No. :	121838-92-4
Formula:	C40H48N10O12
Molecular Weight:	860.87
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 6 exhibits inhibitory effects against <i>Pseudomonas aeruginosa</i> and also affects a limited range of strains, including <i>Staphylococcus pyogenes</i> and <i>Escherichia coli</i> . Its antibacterial activity is reduced in the presence of serum and is influenced by pH levels.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1616 mL	5.8081 mL	11.6162 mL
5 mM	0.2323 mL	1.1616 mL	2.3232 mL
10 mM	0.1162 mL	0.5808 mL	1.1616 mL
50 mM	0.0232 mL	0.1162 mL	0.2323 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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