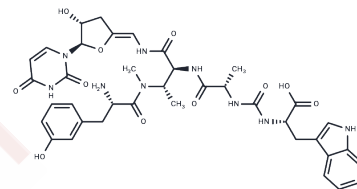


Pacidamycin 4

Chemical Properties

CAS No. :	121808-60-4
Formula:	C ₃₈ H ₄₅ N ₉ O ₁₁
Molecular Weight:	803.82
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 4 exhibits inhibitory effects against <i>Pseudomonas aeruginosa</i> . Additionally, it is effective against certain strains of <i>Staphylococcus pyogenes</i> and <i>Escherichia coli</i> . Its antibacterial activity is reduced in the presence of serum and is also influenced by pH levels.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2441 mL	6.2203 mL	12.4406 mL
5 mM	0.2488 mL	1.2441 mL	2.4881 mL
10 mM	0.1244 mL	0.622 mL	1.2441 mL
50 mM	0.0249 mL	0.1244 mL	0.2488 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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