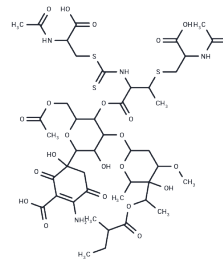


Paldimycin A

Chemical Properties

CAS No. :	101411-70-5
Formula:	C ₄₄ H ₆₄ N ₄ O ₂₃ S ₃
Molecular Weight:	1113.18
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	Paldimycin A is a semi-synthetic antibiotic from Streptomyces paulus.
Targets(IC50)	Others, Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8983 mL	4.4916 mL	8.9833 mL
5 mM	0.1797 mL	0.8983 mL	1.7967 mL
10 mM	0.0898 mL	0.4492 mL	0.8983 mL
50 mM	0.018 mL	0.0898 mL	0.1797 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.

Reference

Argoudelis AD, Baczynskyj L, Mizzsak SA, Shilliday FB, Spinelli PA, DeZwaan J. Paldimycins A and B and antibiotics 273a2 alpha and 273a2 beta. Synthesis and characterization. J Antibiot (Tokyo). 1987 Apr;40(4):419-36. PubMed PMID: 3294773.

Brumfitt W, Hamilton-Miller JM, Whiter G. Paldimycin: a novel antibiotic highly active against Gram-positive bacteria. J Antimicrob Chemother. 1987 Mar;19(3):405-6. PubMed PMID: 3571055.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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