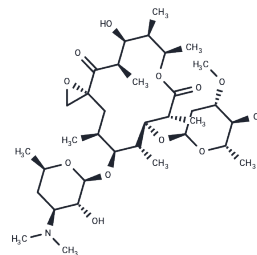


Oleandomycin

Chemical Properties

CAS No. :	3922-90-5
Formula:	C ₃₅ H ₆₁ N ₁ O ₁₂
Molecular Weight:	687.86
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	Oleandomycin, a macrolide antibiotic structurally similar to Erythromycin, exhibits antimicrobial activity.
Targets(IC50)	Others, Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4538 mL	7.2689 mL	14.5378 mL
5 mM	0.2908 mL	1.4538 mL	2.9076 mL
10 mM	0.1454 mL	0.7269 mL	1.4538 mL
50 mM	0.0291 mL	0.1454 mL	0.2908 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

Vilches C, et al. Role of glycosylation and deglycosylation in biosynthesis of and resistance to oleandomycin in the producer organism, *Streptomyces antibioticus*. J Bacteriol. 1992 Jan;174(1):161-5.

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