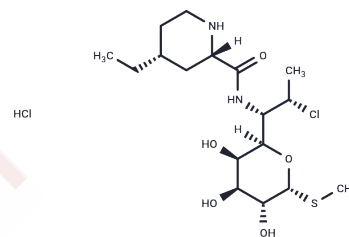


Pirlimycin HCl

Chemical Properties

CAS No. :	78822-40-9
Formula:	C ₁₇ H ₃₂ Cl ₂ N ₂ O ₅ S
Molecular Weight:	447.42
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	Pirlimycin Hydrochloride, a Clindamycin analog, is a semi-synthetic lincosaminide antibiotic.
Targets(IC50)	Others, Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.235 mL	11.1752 mL	22.3504 mL
5 mM	0.447 mL	2.235 mL	4.4701 mL
10 mM	0.2235 mL	1.1175 mL	2.235 mL
50 mM	0.0447 mL	0.2235 mL	0.447 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

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Jiang W, Beier RC, Luo P, Zhai P, Wu N, Lin G, Wang X, Xu G. Analysis of Pirlimycin Residues in Beef Muscle, Milk, and Honey by a Biotin-Streptavidin-Amplified Enzyme-Linked Immunosorbent Assay. *J Agric Food Chem*. 2016 Jan 13;64(1):364-70. doi: 10.1021/acs.jafc.5b05711. Epub 2015 Dec 31. PubMed PMID: 26671277.

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