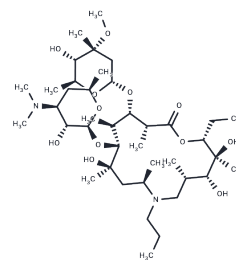


Gamithromycin

Chemical Properties

CAS No. :	145435-72-9
Formula:	C ₄₀ H ₇₆ N ₂ O ₁₂
Molecular Weight:	777.04
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Gamithromycin (ML-1709460) is a macrolide compound with antibacterial activity.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 91 mg/mL(117.1 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2869 mL	6.4347 mL	12.8694 mL
5 mM	0.2574 mL	1.2869 mL	2.5739 mL
10 mM	0.1287 mL	0.6435 mL	1.2869 mL
50 mM	0.0257 mL	0.1287 mL	0.2574 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.

Reference

Mahendran SA, et al. Randomised positive control trial of NSAID and antimicrobial treatment for calf fever caused by pneumonia. Vet Rec. 2017 Apr 21. pii: vetrec-2016-104057.

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