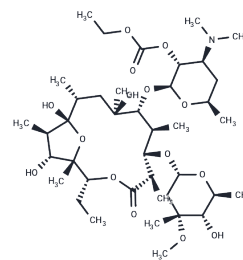


Erythromycin ethyl carbonate

Chemical Properties

CAS No. :	914076-30-5
Formula:	C ₄₀ H ₇₁ NO ₁₅
Molecular Weight:	806.0
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	Erythromycin ethyl carbonate is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2407 mL	6.2035 mL	12.4069 mL
5 mM	0.2481 mL	1.2407 mL	2.4814 mL
10 mM	0.1241 mL	0.6203 mL	1.2407 mL
50 mM	0.0248 mL	0.1241 mL	0.2481 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

GRIFFITH RS. The ratio of antimicrobial activity between propionyl erythromycin lauryl sulfate and erythromycin ethyl carbonate. *Antibiot Chemother* (Northfield). 1961 Sep;11:555-9. PubMed PMID: 13901862.

GRIFFITH RS. Comparison of antibacterial activity in the sera of subjects ingesting propionyl erythromycin lauryl sulfate and erythromycin ethyl carbonate. *Antibiotic Med Clin Ther* (New York). 1960 May;7:320-6. PubMed PMID: 13851768.

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