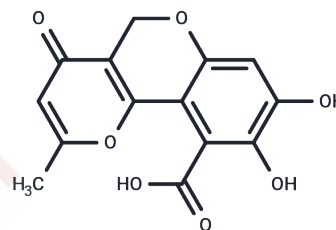


Citromycetin

Chemical Properties

CAS No. :	478-60-4
Formula:	C ₁₄ H ₁₀ O ₇
Molecular Weight:	290.23
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	Citromycetin is a fungal metabolite originally isolated from Australian <i>P. frequentans</i> . It has antibiotic activity against the Gram-negative bacteria <i>V. cholerae</i> and <i>S. flexneri</i> and the Gram-positive bacteria <i>S. aureus</i> .
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4455 mL	17.2277 mL	34.4554 mL
5 mM	0.6891 mL	3.4455 mL	6.8911 mL
10 mM	0.3446 mL	1.7228 mL	3.4455 mL
50 mM	0.0689 mL	0.3446 mL	0.6891 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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