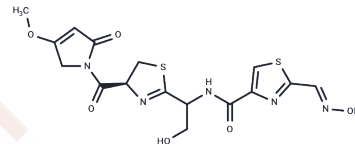


Althiomycin

Chemical Properties

CAS No. :	12656-40-5
Formula:	C ₁₆ H ₁₇ N ₅ O ₆ S ₂
Molecular Weight:	439.46
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	Althiomycin is an antibiotic.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2755 mL	11.3776 mL	22.7552 mL
5 mM	0.4551 mL	2.2755 mL	4.551 mL
10 mM	0.2276 mL	1.1378 mL	2.2755 mL
50 mM	0.0455 mL	0.2276 mL	0.4551 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

Gerc AJ, Song L, Challis GL, Stanley-Wall NR, Coulthurst SJ. The insect pathogen *Serratia marcescens* Db10 uses a hybrid non-ribosomal peptide synthetase-polyketide synthase to produce the antibiotic althiomycin. *PLoS One*. 2012;7(9):e44673. doi: 10.1371/journal.pone.0044673. Epub 2012 Sep 18. PubMed PMID: 23028578; PubMed Central PMCID: PMC3445576.

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