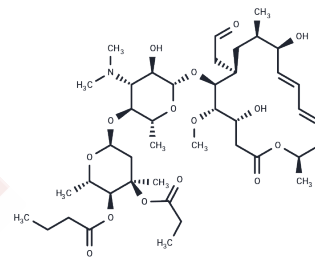


Rokitamycin

Chemical Properties

CAS No. :	74014-51-0
Formula:	C ₄₂ H ₆₉ N ₅ O ₁₅
Molecular Weight:	828.006
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	Rokitamycin is a macrolide antibiotic produced from strains of <i>Streptomyces kitasatoensis</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2077 mL	6.0386 mL	12.0771 mL
5 mM	0.2415 mL	1.2077 mL	2.4154 mL
10 mM	0.1208 mL	0.6039 mL	1.2077 mL
50 mM	0.0242 mL	0.1208 mL	0.2415 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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- Gavini E, Rassa G, Ferraro L, Generosi A, Rau JV, Brunetti A, Giunchedi P, Dalpiaz A. Influence of chitosan glutamate on the in vivo intranasal absorption of rokitamycin from microspheres. *J Pharm Sci*. 2011 Apr;100(4):1488-502. doi: 10.1002/jps.22382. Epub 2010 Oct 29. PubMed PMID: 24081472.
- Colombo U, Pifarotti G, Amidani M, Viezzoli T, Pifarotti P. [Rokitamycin in the treatment of female genital Chlamydia and Mycoplasma infections. Comparative study vs josamycin]. *Minerva Ginecol*. 1998 Nov;50(11):491-7. Review. Italian. PubMed PMID: 9882991.

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