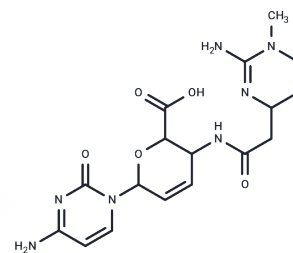


Cytomycin

Chemical Properties

CAS No. :	2005-98-3
Formula:	C ₁₇ H ₂₃ N ₇ O ₅
Molecular Weight:	405.41
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	Cytomycin is a blasticidin S derivative.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4666 mL	12.3332 mL	24.6664 mL
5 mM	0.4933 mL	2.4666 mL	4.9333 mL
10 mM	0.2467 mL	1.2333 mL	2.4666 mL
50 mM	0.0493 mL	0.2467 mL	0.4933 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

- Firouznia K, Ghanaati H, Alavian SM, Azadeh P, Nasiri Toosi M, Haj Mirzaian A, Najafi S, Shakiba M, Jalali AH. Transcatheter arterial chemoembolization therapy for patients with unresectable hepatocellular carcinoma. *Hepat Mon.* 2014 Dec 28;14(12):e25792. doi: 10.5812/hepatmon.25792. eCollection 2014 Dec. PubMed PMID: 25737732; PubMed Central PMCID: PMC4329238.
- Yamaguchi I, Shibata H, Seto H, Misato T. Isolation and purification of blasticidin S deaminase from *Aspergillus terreus*. *J Antibiot (Tokyo)*. 1975 Jan;28(1):7-14. PubMed PMID: 236272.

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