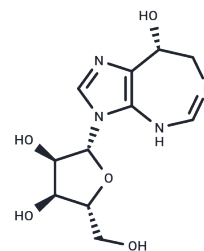


Coformycin

Chemical Properties

CAS No. :	11033-22-0
Formula:	C ₁₁ H ₁₆ N ₄ O ₅
Molecular Weight:	284.27
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	Coformycin is a ribonucleoside antibiotic synergist and adenosine deaminase inhibitor.
Targets(IC50)	Others, Antibacterial, Antibiotic, Adenosine Deaminase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5178 mL	17.5889 mL	35.1778 mL
5 mM	0.7036 mL	3.5178 mL	7.0356 mL
10 mM	0.3518 mL	1.7589 mL	3.5178 mL
50 mM	0.0704 mL	0.3518 mL	0.7036 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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Danton MJ, Coleman MS. Isolation of mutant adenosine deaminase by coformycin affinity chromatography. *Anal Biochem*. 1986 Nov 15;159(1):233-9. PubMed PMID: 3492941.

Han BW, Bingman CA, Mahnke DK, Sabina RL, Phillips GN Jr. Crystallization and preliminary X-ray crystallographic analysis of adenosine 5'-monophosphate deaminase (AMPD) from *Arabidopsis thaliana* in complex with coformycin 5'-phosphate. *Acta Crystallogr Sect F Struct Biol Cryst Commun*. 2005 Aug 1;61(Pt 8):740-2. Epub 2005 Jul 8. PubMed PMID: 16511144; PubMed Central PMCID: PMC1952363.

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