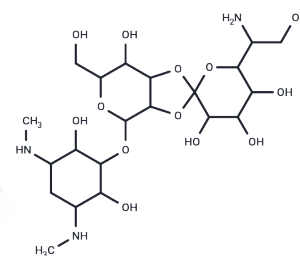


A 16316-C

## Chemical Properties

CAS No. : 11005-98-4  
 Formula: C<sub>21</sub>H<sub>39</sub>N<sub>3</sub>O<sub>13</sub>  
 Molecular Weight: 541.551  
 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	A 16316-C is a water soluble basic antibiotic, it is isolated from Streptoverticillium eurocidicus.
Targets(IC50)	Others,Antibiotic,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8466 mL	9.2328 mL	18.4655 mL
5 mM	0.3693 mL	1.8466 mL	3.6931 mL
10 mM	0.1847 mL	0.9233 mL	1.8466 mL
50 mM	0.0369 mL	0.1847 mL	0.3693 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

Tamura A, Furuta R, Kotani H. Antibiotic A-16316-C, a new water-soluble basic antibiotic. J Antibiot (Tokyo). 1975 Apr;28(4):260-5. PubMed PMID: 1097383.

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