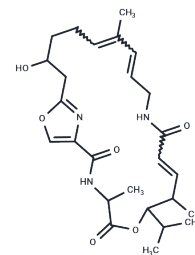


A 17002 C

## Chemical Properties

CAS No. : 71843-98-6  
 Formula: C<sub>26</sub>H<sub>37</sub>N<sub>3</sub>O<sub>6</sub>  
 Molecular Weight: 487.59  
 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 17002 C is a form of madumycin I. It is a metabolite produced by Actinoplanes strains, structurally related to the virginiamycin factor M.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0509 mL	10.2545 mL	20.509 mL
5 mM	0.4102 mL	2.0509 mL	4.1018 mL
10 mM	0.2051 mL	1.0255 mL	2.0509 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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

Martinelli E, Zerilli LF, Volpe G, Pagani H, Cavalleri B. New antibiotics from Actinoplanes strains. Structure of A 17002 C. J Antibiot (Tokyo). 1979 Feb;32(2):108-14. PubMed PMID: 438098.

Kochetkova GV, Maksimova TS, Il'chenko GB, Ol'khovtova OL. [Madumycin biosynthesis by an Actinomadure flava culture under conditions of varying aeration]. Antibiotiki. 1976 Apr;21(4):296-8. Russian. PubMed PMID: 1275478.

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