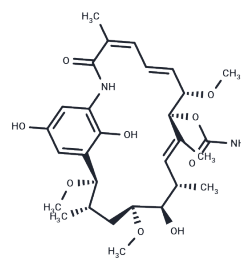


TAN-420C

Chemical Properties

CAS No. : 91700-91-3
 Formula: C₂₉H₄₂N₂O₉
 Molecular Weight: 562.66
 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	TAN-420C is an antibiotic isolated from <i>Streptomyces hygroscopicus</i> with antitumour activity.
Targets(IC50)	Others, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7773 mL	8.8864 mL	17.7727 mL
5 mM	0.3555 mL	1.7773 mL	3.5545 mL
10 mM	0.1777 mL	0.8886 mL	1.7773 mL
50 mM	0.0355 mL	0.1777 mL	0.3555 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

Lin, L.-Z., Blaskó, G., and Cordell, G.A. H-NMR analysis of herbimycins and dihydro-herbimycins. *J. Nat. Prod.* 51(6), 1161-1165 (1988).

Tanida, S., Muroi, M., and Hasegawa, T. Antibiotic tan-420, its production and use. EP0110710 A2, (1990).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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