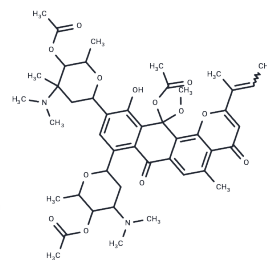


Acetylkidamycin

Chemical Properties

CAS No. :	39293-24-8
Formula:	C ₄₆ H ₅₈ N ₂ O ₁₃
Molecular Weight:	846.971
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	Acetylkidamycin is an antitumor antibiotic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1807 mL	5.9034 mL	11.8068 mL
5 mM	0.2361 mL	1.1807 mL	2.3614 mL
10 mM	0.1181 mL	0.5903 mL	1.1807 mL
50 mM	0.0236 mL	0.1181 mL	0.2361 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

- Umezawa I, Komiyama K, Takeshima H, Hata T, Kono M. A new antitumor antibiotic, kidamycin. IV. Pharmacokinetics of acetyl-kidamycin. J Antibiot (Tokyo). 1973 Nov;26(11):669-75. PubMed PMID: 4792114.
- Kumazawa M, Inada S, Namiki M, Ishii S, Tago K. Mechanism of action of antitumor agents on bacteria. II. Effect of acetyl-kidamycin on nucleic acids. Kitasato Arch Exp Med. 1974 Sep;47(3):79-88. PubMed PMID: 4218625.

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