

KRN 5500

Chemical Properties

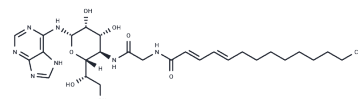
CAS No. : 151276-95-8

Formula: C₂₈H₄₃N₇O₇

Molecular Weight: 589.68

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	KRN 5500, a derivative of the nucleoside antibiotic spicamycin, has a wide range of antitumor activity against human cancer cell lines.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6958 mL	8.4792 mL	16.9584 mL
5 mM	0.3392 mL	1.6958 mL	3.3917 mL
10 mM	0.1696 mL	0.8479 mL	1.6958 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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.

Reference

Kawai H. [Protein synthesis inhibitor--antitumor activity and mode of action of KRN 5500]. Gan To Kagaku Ryoho. 1997 Sep;24(11):1571-7. Review. Japanese. PubMed PMID: 9309156.

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