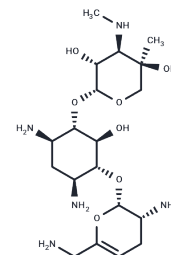


Sisomicin

Chemical Properties

CAS No. :	32385-11-8
Formula:	C ₁₉ H ₃₇ N ₅ O ₇
Molecular Weight:	447.53
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	Sisomicin, a broad-spectrum aminoglycoside antibiotic isolated from *Micromonospora inyoensis*, is highly active against staphylococci.
Targets(IC50)	Others,Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2345 mL	11.1724 mL	22.3449 mL
5 mM	0.4469 mL	2.2345 mL	4.469 mL
10 mM	0.2234 mL	1.1172 mL	2.2345 mL
50 mM	0.0447 mL	0.2234 mL	0.4469 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

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