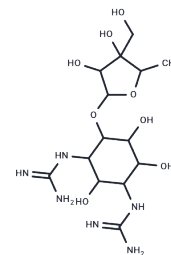


AC 4437

Chemical Properties

CAS No. : 63487-84-3
 Formula: C₁₄H₂₈N₆O₈
 Molecular Weight: 408.412
 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	AC 4437 is an aminoglycoside antibiotic.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4485 mL	12.2426 mL	24.4852 mL
5 mM	0.4897 mL	2.4485 mL	4.897 mL
10 mM	0.2449 mL	1.2243 mL	2.4485 mL
50 mM	0.049 mL	0.2449 mL	0.4897 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

Awata M, Muto N, Hayashi M, Yaginuma S. A new aminoglycoside antibiotic, substance AC4437. J Antibiot (Tokyo). 1986 May;39(5):724-6. PubMed PMID: 3733522.

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