

Kanamycins sulfate

Chemical Properties

CAS No. : 70560-51-9
Formula: C₁₈H₃₈N₄O₁₅S
Molecular Weight: 582.58
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Kanamycin sulfate, a broad-spectrum antibiotic, is effective for treating severe staphylococcal or Gram-negative bacillary infections. This compound has been linked to ototoxicity [1] [2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7165 mL	8.5825 mL	17.165 mL
5 mM	0.3433 mL	1.7165 mL	3.433 mL
10 mM	0.1717 mL	0.8583 mL	1.7165 mL
50 mM	0.0343 mL	0.1717 mL	0.3433 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.

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