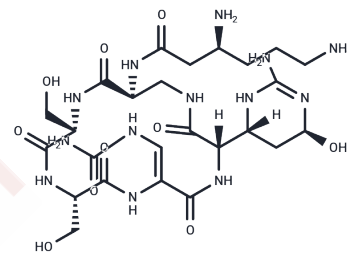


Viomycin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 32988-50-4 |
| Formula: | C ₂₅ H ₄₃ N ₁₃ O ₁₀ |
| Molecular Weight: | 685.69 |
| 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 | Viomycin is a member of the tuberactinomycin family of antibiotics. Viomycin also inhibits group I intron splicing and prokaryotic protein synthesis. Freezes bacterial ribosomes in either the pre- or post-translational state. Facilitates trans-cleavage of the Neurospora VS ribozyme. |
| Targets(IC50) | Others,Antibacterial,Antibiotic |

Solubility Information

| | |
|------------|--|
| Solubility | H ₂ O: <66.14 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.4584 mL | 7.2919 mL | 14.5838 mL |
| 5 mM | 0.2917 mL | 1.4584 mL | 2.9168 mL |
| 10 mM | 0.1458 mL | 0.7292 mL | 1.4584 mL |
| 50 mM | 0.0292 mL | 0.1458 mL | 0.2917 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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