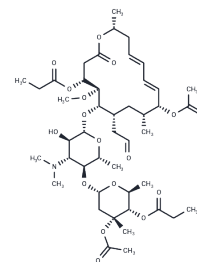


Midecamycin acetate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 55881-07-7 |
| Formula: | C ₄₅ H ₇₁ N ₁₀ O ₁₇ |
| Molecular Weight: | 898.04 |
| 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 | Midecamycin acetate is a broad-spectrum antibiotic active against Gram-positive and some Gram-negative strains. |
| Targets(IC50) | Others, Antibacterial |

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.1135 mL | 5.5677 mL | 11.1354 mL |
| 5 mM | 0.2227 mL | 1.1135 mL | 2.2271 mL |
| 10 mM | 0.1114 mL | 0.5568 mL | 1.1135 mL |
| 50 mM | 0.0223 mL | 0.1114 mL | 0.2227 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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