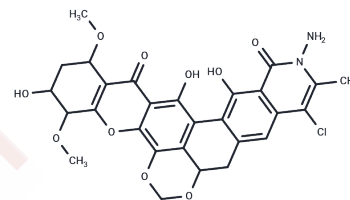


Actinoplanone A

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 115655-86-2 |
| Formula: | C ₂₈ H ₂₅ ClN ₂ O ₁₀ |
| Molecular Weight: | 584.959 |
| 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 | Actinoplanone A is a polycyclic flavonoid antibiotic (antibiotic) with potent antibacterial activity against bacteria and Magnaporthe oryzae. It exhibits cytotoxicity against various tumor cells and inhibits DNA synthesis. |
| Targets(IC50) | Antibacterial, Antibiotic, Antifungal, DNA/RNA Synthesis |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7095 mL | 8.5476 mL | 17.0952 mL |
| 5 mM | 0.3419 mL | 1.7095 mL | 3.419 mL |
| 10 mM | 0.171 mL | 0.8548 mL | 1.7095 mL |
| 50 mM | 0.0342 mL | 0.171 mL | 0.3419 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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