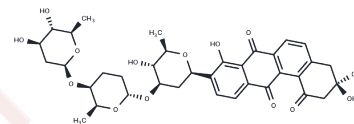


Urdamycin B

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 104542-46-3 |
| Formula: | C37H44O13 |
| Molecular Weight: | 696.74 |
| 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 | Urdamycin B, an antibiotic derived from the metabolic products of <i>Streptomyces fradiae</i> , effectively inhibits fungi and bacteria, and exhibits anti-proliferative activity against mouse leukemia cells L1210. Its potential uses include research on cancer, bacterial, and fungal infections [1] [2]. |
| Targets(IC50) | Others,Antibacterial,Antibiotic,Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.4353 mL | 7.1763 mL | 14.3526 mL |
| 5 mM | 0.2871 mL | 1.4353 mL | 2.8705 mL |
| 10 mM | 0.1435 mL | 0.7176 mL | 1.4353 mL |
| 50 mM | 0.0287 mL | 0.1435 mL | 0.2871 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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