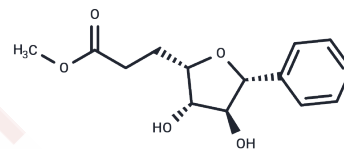


(+)-Goniothalesdiol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 204975-45-1 |
| Formula: | C ₁₄ H ₁₈ O ₅ |
| Molecular Weight: | 266.29 |
| 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 | (+)-Goniothalesdiol, isolated from the bark of the Malaysian tree <i>G. borneensis</i> , is a tetrahydrofuran compound known to have significant cytotoxic effects against P388 mouse leukemia cells and pesticidal activities. It has been shown to have promising cytotoxic activity against p388 mouse leukemia cells (ED ₅₀ ≥30 µg/ml). |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | Ethanol: 30 mg/mL (112.66 mM),Sonication is recommended. PBS (pH 7.2): 2 mg/mL (7.51 mM),Sonication is recommended. DMF: 10 mg/mL (37.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 3.7553 mL | 18.7765 mL | 37.553 mL |
| 5 mM | 0.7511 mL | 3.7553 mL | 7.5106 mL |
| 10 mM | 0.3755 mL | 1.8777 mL | 3.7553 mL |
| 50 mM | 0.0751 mL | 0.3755 mL | 0.7511 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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