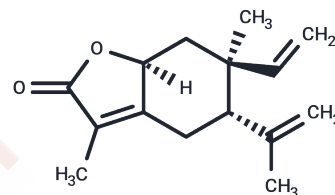


Isogermafurenolide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 20267-89-4 |
| Formula: | C ₁₅ H ₂₀ O ₂ |
| Molecular Weight: | 232.32 |
| Storage: | Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | Isogermafurenolide is a natural terpenoid exhibiting inhibitory activity against human ovarian cancer A2780 cells (IC ₅₀ = 4.5 µg/mL) and LSD1/KDM1A (IC ₅₀ = 3.97 µM). |
| Targets(IC50) | Histone Demethylase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 4.3044 mL | 21.522 mL | 43.0441 mL |
| 5 mM | 0.8609 mL | 4.3044 mL | 8.6088 mL |
| 10 mM | 0.4304 mL | 2.1522 mL | 4.3044 mL |
| 50 mM | 0.0861 mL | 0.4304 mL | 0.8609 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

Chaturvedula VS, et al. New cytotoxic terpenoids from the wood of *Vepris punctata* from the Madagascar Rainforest. *J Nat Prod.* 2004 May;67(5):895-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481