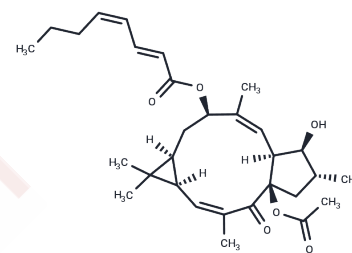


Euphohelioscopin A

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 87064-61-7 |
| Formula: | C ₃₀ H ₄₂ O ₆ |
| Molecular Weight: | 498.66 |
| 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 | Euphohelioscopin A, an activator of protein kinase C (PKC), it inhibits proliferation and induces differentiation of the myeloid leukemia cell lines THP-1 and HL-60. Euphohelioscopin A has anti-inflammatory activity, it exhibits moderate inhibitory activity on the release of cytokine TNF- α (IC ₅₀ = 23.7 \pm 1.7 μ M), IL-6 (IC ₅₀ = 46.1 \pm 1.1 μ M) and chemokine MCP-1 (IC ₅₀ = 33.7 \pm 3.8 μ M) in lipopolysaccharide (LPS) induced RAW 264.7 macrophages without notable cytotoxicity (IC ₅₀ > 80 μ M). |
| Targets(IC50) | P-gp |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0054 mL | 10.0269 mL | 20.0537 mL |
| 5 mM | 0.4011 mL | 2.0054 mL | 4.0107 mL |
| 10 mM | 0.2005 mL | 1.0027 mL | 2.0054 mL |
| 50 mM | 0.0401 mL | 0.2005 mL | 0.4011 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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