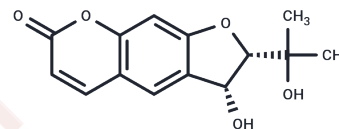


Smyrindiol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 87725-60-8 |
| Formula: | C ₁₄ H ₁₄ O ₅ |
| Molecular Weight: | 262.26 |
| 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 | Smyrindiol is a compound identified in <i>Dorstenia turbinata</i> . It exhibits anti-inflammatory and antibacterial properties by inhibiting the secretion of tumor-related protease (MMP-2). Smyrindiol can be utilized in research related to brain tumors such as glioblastoma. |
| Targets(IC50) | MMP |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 3.813 mL | 19.065 mL | 38.1301 mL |
| 5 mM | 0.7626 mL | 3.813 mL | 7.626 mL |
| 10 mM | 0.3813 mL | 1.9065 mL | 3.813 mL |
| 50 mM | 0.0763 mL | 0.3813 mL | 0.7626 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

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