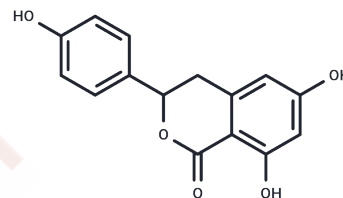


## Thunberginol C

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 147517-06-4   |
| Formula:          | C <sub>15</sub> H <sub>12</sub> O <sub>5</sub>  |
| Molecular Weight: | 272.25  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Thunberginol C exhibits antimicrobial activity against oral bacteria. It shows antiallergic activity in the in vitro bioassay using the Schults-Dale reaction in sensitized guinea pig bronchial muscle. |
| Targets(IC50) | Antibacterial, Antifection   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.6731 mL | 18.3655 mL | 36.7309 mL |
| 5 mM  | 0.7346 mL | 3.6731 mL  | 7.3462 mL  |
| 10 mM | 0.3673 mL | 1.8365 mL  | 3.6731 mL  |
| 50 mM | 0.0735 mL | 0.3673 mL  | 0.7346 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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