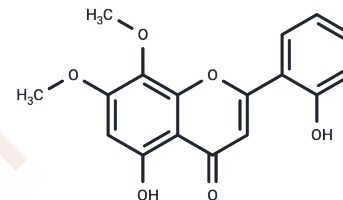


## Skullcapflavone I

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 41060-16-6  |
| Formula:          | C17H14O6  |
| Molecular Weight: | 314.29  |
| 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   | Skullcapflavone I has anti-inflammatory and anti-allergic potential, it can significantly inhibit LPS stimulated NO and PGE(2) release in J774A.1 macrophages and inhibit LPS induced IL-6 production in a concentration dependent manner. Skullcapflavone I selectively induces apoptosis in T-HSC/Cl-6 cells via caspase-3 and caspase-9 activation. |
| Targets(IC50) | Caspase,IL Receptor,Prostaglandin Receptor,Serine Protease,MicroRNA  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1818 mL | 15.9089 mL | 31.8177 mL |
| 5 mM  | 0.6364 mL | 3.1818 mL  | 6.3635 mL  |
| 10 mM | 0.3182 mL | 1.5909 mL  | 3.1818 mL  |
| 50 mM | 0.0636 mL | 0.3182 mL  | 0.6364 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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