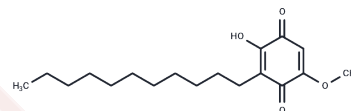


## 5-O-Methylembelin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 56005-10-8  |
| Formula:          | C <sub>18</sub> H <sub>28</sub> O <sub>4</sub>  |
| Molecular Weight: | 308.41  |
| 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   | 5-O-Methylembelin is a natural isocoumarin that inhibits PCSK9, low-density lipoprotein receptor (LDL), and sterol regulatory element binding protein 2 (SREBP2) mRNA expression [1]. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.2424 mL | 16.2122 mL | 32.4244 mL |
| 5 mM  | 0.6485 mL | 3.2424 mL  | 6.4849 mL  |
| 10 mM | 0.3242 mL | 1.6212 mL  | 3.2424 mL  |
| 50 mM | 0.0648 mL | 0.3242 mL  | 0.6485 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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