

## 5,7-Naringenin dimethyl ether

## Chemical Properties

CAS No. : 72704-06-4

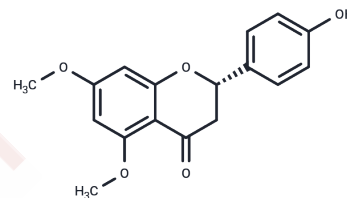
Formula: C<sub>17</sub>H<sub>16</sub>O<sub>5</sub>

Molecular Weight: 300.31

Storage: Keep away from direct sunlight, Keep away from moisture

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   | 5,7-Naringenin dimethyl ether is a natural product exhibiting anti-glycation activity by inhibiting the formation of advanced glycation end products (AGEs). |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.3299 mL | 16.6495 mL | 33.2989 mL |
| 5 mM  | 0.666 mL  | 3.3299 mL  | 6.6598 mL  |
| 10 mM | 0.333 mL  | 1.6649 mL  | 3.3299 mL  |
| 50 mM | 0.0666 mL | 0.333 mL   | 0.666 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.

## Reference

Choudhary MI, Maher S, Begum A, et al. Characterization and antiglycation activity of phenolic constituents from *Viscum album* (European Mistletoe). *Chem Pharm Bull* (Tokyo). 2010;58(7):980-982. doi:10.1248/cpb.58.980

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