

## Quercetin 3,3'-dimethyl ether

## Chemical Properties

CAS No. : 4382-17-6

Formula: C<sub>17</sub>H<sub>14</sub>O<sub>7</sub>

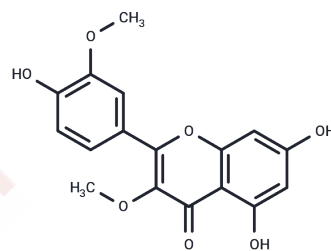
Molecular Weight: 330.29

Storage:

Store at low temperature, Keep away from moisture,  
Keep away from direct sunlight

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   | Quercetin 3,3'-dimethyl ether (3,3'-Di-O-methylquercetin) is an aromatic compound from the fruits of <i>Nartheceum ossifragum</i> L with antioxidant activity. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.0276 mL | 15.1382 mL | 30.2764 mL |
| 5 mM  | 0.6055 mL | 3.0276 mL  | 6.0553 mL  |
| 10 mM | 0.3028 mL | 1.5138 mL  | 3.0276 mL  |
| 50 mM | 0.0606 mL | 0.3028 mL  | 0.6055 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

Nassar, et al. A benzoquinone and flavonoids from *Cyperus alopecuroides*. *Phytochemistry* 60.4 (2002): 385-387.

Brandão, et al. Two methoxylated flavone glycosides from *Bidens pilosa*. *Phytochemistry* 48.2 (1998): 397-399.

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