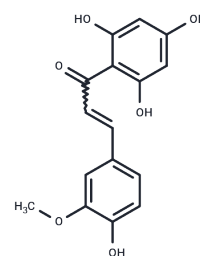


## Homoeriodictyol chalcone

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 52218-19-6  |
| Formula:          | C <sub>16</sub> H <sub>14</sub> O <sub>6</sub>  |
| Molecular Weight: | 302.28  |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |   |
|---------------|---|
| Description   | Homoeriodictyol chalcone (2',4,4',6'-tetrahydroxy-3-methoxychalcone) is a natural chalcone glucoside used in biochemical experiments and organic synthesis. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 3.3082 mL | 16.541 mL | 33.0819 mL |
| 5 mM  | 0.6616 mL | 3.3082 mL | 6.6164 mL  |
| 10 mM | 0.3308 mL | 1.6541 mL | 3.3082 mL  |
| 50 mM | 0.0662 mL | 0.3308 mL | 0.6616 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

Gao, L. W., Jiang, D. H., Yang, Y. X., Li, Y. X., Sun, G. S., Ma, Z. H., & Zhang, C. W. (2016). De novo sequencing and comparative analysis of two Phalaenopsis orchid tissue-specific transcriptomes. *Russian Journal of Plant Physiology*, 63(3), 391–400.

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