**5,7-Dimethoxyflavone**

**Cat. No.:** HY-N5011  
**CAS No.:** 21392-57-4  
**Molecular Formula:** C_{17}H_{14}O_{4}  
**Molecular Weight:** 282.29  
**Target:** Cytochrome P450  
**Pathway:** Metabolic Enzyme/Protease  
**Storage:** Please store the product under the recommended conditions in the COA.

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**BIOLOGICAL ACTIVITY**

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<th>Description</th>
<th>IC₅₀ &amp; Target</th>
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| 5,7-Dimethoxyflavone is one of the major components of Kaempferia parviflora, has anti-obesity, anti-inflammatory, and antineoplastic effects. 5,7-Dimethoxyflavone inhibits cytochrome P450 (CYP) 3As. 5,7-Dimethoxyflavone is also a potent Breast Cancer Resistance Protein (BCRP) inhibitor. | CYP3A  
|                                                                              | Breast Cancer Resistance Protein (BCRP) |

**REFERENCES**


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Caution: Product has not been fully validated for medical applications. For research use only.

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