

## 2',4'-Dihydroxy-3',6'-dimethoxychalcone Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** 2',4'-Dihydroxy-3',6'-dimethoxychalcone

**Catalog No.:** CFN99391

**Cas No.:** 129724-43-2

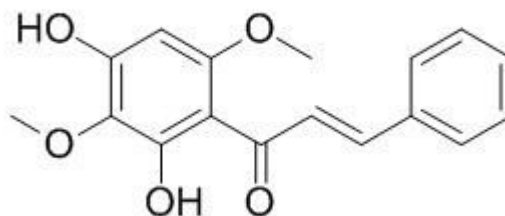
**Purity:** > 95%

**M.F:** C<sub>17</sub>H<sub>16</sub>O<sub>5</sub>

**M.W:** 300.3

**Physical Description:** Yellow powder

**Synonyms:** 2-Propen-1-one, 1-(2,4-dihydroxy-3,6-dimethoxyphenyl)-3-phenyl-, (2E)-.



### [ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

### [ Source ]

The herbs of *Chloranthus spicatus*.

### [ Biological Activity or Inhibitors ]

2',4'-Dihydroxy-3',6'-dimethoxychalcone has cytotoxic activities against cancer cells.<sup>[1]</sup>

2',4'-Dihydroxy-3',6'-dimethoxychalcone has anti-inflammatory activity and anti-cholinesterase activity, it has significant NO inhibitory activity.<sup>[2]</sup>

### **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

### **[ References ]**

[1] Nwodo J N, Ibezim A, Simoben C V, *et al. Anti-cancer Agent Me.*, 2015, 16(1):108-27.

[2] Dzoyem J P, Nkuete A H L, Ngameni B, *et al. Arch. Pharm. Res.*, 2015:1-17.

### **[ Contact ]**

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