

## 7,3',4'-Trihydroxy-3-benzyl-2H-chromene Datasheet

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

### [ Product Information ]

**Name:** 7,3',4'-Trihydroxy-3-benzyl-2H-chromene

**Catalog No.:** CFN99209

**Cas No.:** 1111897-60-9

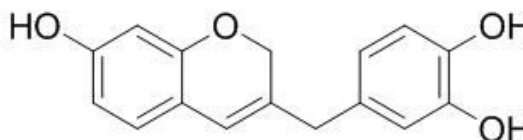
**Purity:** > 95%

**M.F:** C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

**M.W:** 270.3

**Physical Description:** Powder

**Synonyms:** 4-((7-Hydroxy-2H-chromen-3-yl)methyl)benzene-1,2-diol.



### [ Intended Use ]

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

### [ Source ]

The heartwoods of *Caesalpinia sappan* L.

### [ Biological Activity or Inhibitors ]

7,3',4'-Trihydroxy-3-benzyl-2H-chromene, 3-deoxysappanone B, sappanchalcone and

protosappanin A show xanthine oxidase inhibitory activity.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[1]</sup>**

Mobile phase: 0.02 M KH<sub>2</sub>PO<sub>4</sub> (1% methanol), gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 30°C;

The wave length of determination: 254 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Sun Y, Zhao H, Bai H. *Chinese Journal of Pharmaceutical Analysis*, 2014, 34(8):1391

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## **[ Contact ]**

### **Address:**

S5-3 Building, No. 111, Dongfeng Rd.,  
Wuhan Economic and Technological Development Zone,  
Wuhan, Hubei 430056,  
China

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)