

# Dihydrocurcumin Datasheet

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

## [ Product Information ]

**Name:** Dihydrocurcumin

**Catalog No.:** CFN99540

**Cas No.:** 76474-56-1

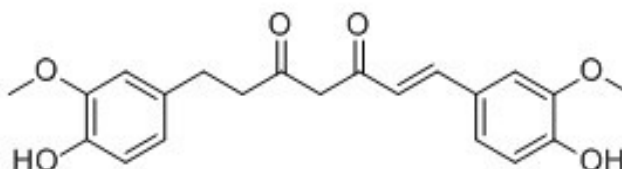
**Purity:** >=98%

**M.F:** C<sub>21</sub>H<sub>22</sub>O<sub>6</sub>

**M.W:** 370.40

**Physical Description:** Powder

**Synonyms:** (4Z,6E)-5-Hydroxy-1,7-bis(4-hydroxy-3-methoxyphenyl)-4,6-heptadien-3-one;  
Letestuienin B.



## [ Intended Use ]

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

## [ Source ]

The rhizome of *Curcuma longa* L.

## [ Biological Activity or Inhibitors ]

Not data available.

## **[ Solvent ]**

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

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

Mobile phase: Methanol-5% Acetic acid in H<sub>2</sub>O=85:15;

Flow rate: 0.5 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 420 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Zhang J F, Hou S X, Liu H L, *et al. Chinese Pharmaceutical Journal*, 2007, 127(9): 1485-90.

## **[ Contact ]**

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