



## 4,5-Dihydroblumenol A Datasheet

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

### [ Product Information ]

**Name:** 4,5-Dihydroblumenol A

**Catalog No.:** CFN99657

**Cas No.:** 155418-97-6

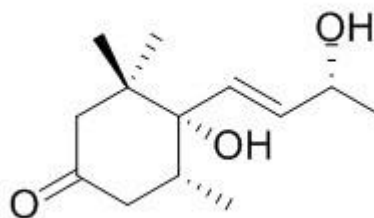
**Purity:** > 95%

**M.F:** C<sub>13</sub>H<sub>22</sub>O<sub>3</sub>

**M.W:** 226.3

**Physical Description:** Powder

**Synonyms:** (4S,5R)-4-Hydroxy-4-[(1E,3R)-3-hydroxy-1-buten-1-yl]-3,3,5-trimethylcyclohexanone.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Rosa multiflora* Thunb.

### [ Biological Activity or Inhibitors ]

4, 5-Dihydroblumenol shows significant inhibition against HepG2 cells transected with cloned hepatitis B virus DNA.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Acetonitrile-H<sub>2</sub>O=32:68 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 230 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Fang J B, Liu Y W, Zhang Y W, *et al. Chinese Traditional & Herbal Drugs*, 2007, 38(7): 976-9.

[2] Dai L P, Zhao M, Zhao J J, *et al. Journal of Beijing University of Traditional Chinese Medicine*, 2016, 39(6):494-7.

## **[ 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)