

## Artoheterophyllin B Datasheet

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

### [ Product Information ]

**Name:** Artoheterophyllin B

**Catalog No.:** CFN99273

**Cas No.:** 1174017-37-8

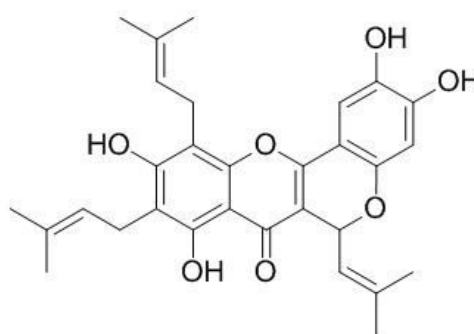
**Purity:** > 95%

**M.F:** C<sub>30</sub>H<sub>32</sub>O<sub>7</sub>

**M.W:** 504.6

**Physical Description:** Yellow powder

**Synonyms:** 2,3,8,10-Tetrahydroxy-9,11-bis(3-methyl-2-buten-1-yl)-6-(2-methyl-1-propen-1-yl)-6H,7H-chromeno[4,3-b]chromen-7-one.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Artocarpus heterophyllus*.

### [ Biological Activity or Inhibitors ]

Artoheterophyllin A and B exhibit antiplasmodial activities with IC<sub>50</sub> values ranging from 1.1uM to 13.7uM.<sup>[1]</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] Bourjot M, Apel C, Martin M T, *et al. Planta Med.*, 2010, 76(14):1600-4.

### **[ 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)