

## 24-Methylenecycloartan-3-ol Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

### [ Product Information ]

**Name:** 24-Methylenecycloartan-3-ol

**Catalog No.:** CFN99496

**Cas No.:** 1449-09-8

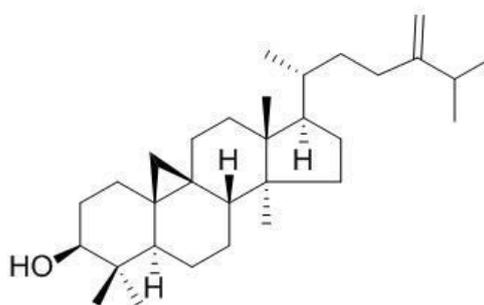
**Purity:** > 95%

**M.F:** C<sub>31</sub>H<sub>52</sub>O

**M.W:** 440.8

**Physical Description:** Powder

**Synonyms:** 24-Methylene-9,19-cyclolanostan-3-ol.



### [ Intended Use ]

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

### [ Source ]

The barks of *Larix kaemferi*.

### [ Biological Activity or Inhibitors ]

24-Methylenecycloartan-3-ol and methyl caffeate, isolated coumarins were previously obtained from *M. paniculata*, show weak activity against *Staphylococcus aureus* and *Escherichia coli*.<sup>[1]</sup>

### **[ Solvent ]**

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

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

GC-MS Method

Gas Conditions:

Column temperature: 50 °C (hold 1min), with 5 °C / min rate is increased to 302 °C (hold 2min);

Pre-column pressure: 7.62psi;

Vaporization chamber temperature: 250 °C;

Flow rate of gas (He): 1.0L / min;

MS conditions:

Ion source temperature: 230 °C;

Quadrupole temperature: 150;

Electronics Energy: 70eV;

Emission current: 34.6uA;

Multiplier voltage: 1037V;

Interface temperature: 280 °C.

### **[ Storage ]**

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

### **[ References ]**

[1] Mesquita S G, Martinez M F, Romoff P, *et al.* *Rev. Bras Farmacogn.*, 2008, 18(4):

563-8.

[2] Mei Z G, Liu S Z, Xiao X Z, *et al. Journal of Tropical Crops* , 2011, 32 (02): 315-9.

## **[ 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)