

## Deoxylapachol Datasheet

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

### [ Product Information ]

**Name:** Deoxylapachol

**Catalog No.:** CFN98473

**Cas No.:** 3568-90-9

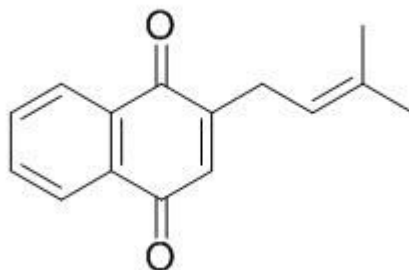
**Purity:** > 95%

**M.F:** C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>

**M.W:** 226.3

**Physical Description:** Yellow oil

**Synonyms:** 2-(3-Methylbut-2-enyl)naphthalene-1,4-dione; 2-Prenyl-1,4-naphthoquinone.



### [ Intended Use ]

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

### [ Source ]

The leaves of *Catalpa ovata* G. Don.

### [ Biological Activity or Inhibitors ]

Deoxylapachol has anti-wood rot activity, it can inhibit the brown rot fungi *Gloeophyllum* *sepiarium* CBS 353.74 and *Gloeophyllum* *trabeum* CBS 318.50 and the white rot fungi *Merulius* *tremellosus* CBS 280.73 and *Phlebia* *brevispora* CBS 509.92.<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] Pattarawadee S, Romanr R G, Robert V. J. *Wood Chem.Technol.*,2008, 28(4):247-60.

### **[ 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)