

## 9-Methoxy-alpha-lapachone Datasheet

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

### [ Product Information ]

**Name:** 9-Methoxy-alpha-lapachone

**Catalog No.:** CFN98463

**Cas No.:** 35241-80-6

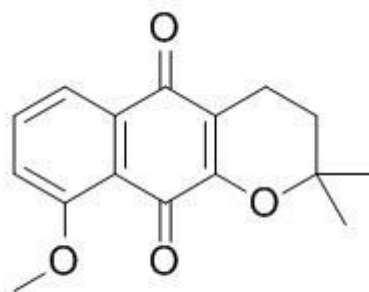
**Purity:** > 95%

**M.F:** C<sub>16</sub>H<sub>16</sub>O<sub>4</sub>

**M.W:** 272.3

**Physical Description:** Yellow powder

**Synonyms:** 9-Methoxy-2,2-dimethyl-3,4-dihydrobenzo[g]chromene-5,10-dione.



### [ Intended Use ]

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

### [ Source ]

The stems of *Catalpa ovata*.

### [ Biological Activity or Inhibitors ]

9-Methoxy-alpha-lapachone has antitumor-promoting effect, it exhibits significant

inhibitory activity against 12-O-tetradecanoylphorbol 13-acetate (TPA)-induced Epstein-Barr virus early antigen (EBV-EA) activation in Raji cells.<sup>[1]</sup>

### **[ Solvent ]**

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

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

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

### **[ References ]**

[1] Fujiwara A, Mori T, Iida A, *et al. J. Nat. Prod.*, 1998 May; 61(5):629-32.

### **[ Contact ]**

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