

## Murraol Datasheet

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

### [ Product Information ]

**Name:** Murraol

**Catalog No.:** CFN99097

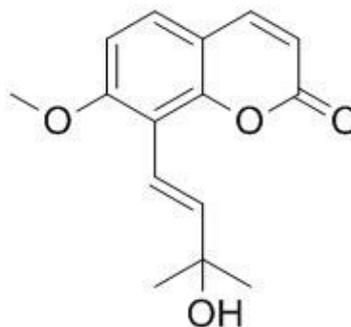
**Cas No.:** 109741-38-0

**Purity:** > 95%

**M.F:** C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>

**M.W:** 260.3

**Physical Description:** Cryst.



**Synonyms:**8-[(1E)-3-Hydroxy-3-methyl-1-buten-1-yl]-7-methoxy-2H-chromen-2-one;

7-Ethoxygeraniol;7-Ethoxy-3,7-dimethyl-2-octen-1-ol.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Murraya exotica*.

### [ Biological Activity or Inhibitors ]

Murraol shows the significant proliferative activities on osteoblast-like UMR106 cells lines at the concentration of  $1 \times 10^{-10}$  mol/L.<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] Duan X H, He P, Pen L, *et al. Zhong Cao Yao, 2016, 47(17):2993-6.*

### **[ Contact ]**

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