

## 5-Methoxy-7-hydroxycoumarin Datasheet

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

### [ Product Information ]

**Name:** 5-Methoxy-7-hydroxycoumarin

**Catalog No.:** CFN92630

**Cas No.:** 3067-10-5

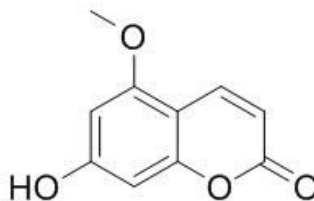
**Purity:** > 95%

**M.F:** C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>

**M.W:** 192.17

**Physical Description:** Powder

**Synonyms:** 7-Hydroxy-5-methoxy-2H-1-benzopyran-2-one.



### [ Intended Use ]

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

### [ Source ]

The peel of *Citrus medica* L.

### [ Biological Activity or Inhibitors ]

7-Hydroxy-5-methoxycoumarin, has been found to be a moderate inhibitor for aldehyde

oxidase, a molybdo-flavoenzymes, it inhibits the release of superoxide anion more efficiently than hydrogen peroxide or substrate oxidation.<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] Alomar M A, Alarifi M N. *J. Biol. Sci.*, 2005, 5(4):525-31.

### **[ Contact ]**

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