



## 7-Geranyloxy-6-methoxycoumarin Datasheet

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

### [ Product Information ]

**Name:** 7-Geranyloxy-6-methoxycoumarin

**Catalog No.:** CFN98348

**Cas No.:** 28587-43-1

**Purity:** > 95%

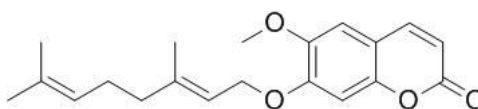
**M.F:** C<sub>20</sub>H<sub>24</sub>O<sub>4</sub>

**M.W:** 328.4

**Physical Description:** Powder

**Synonyms:** 7-[(2E)-3,7-dimethylocta-2,6-dienoxy]-6-methoxychromen-2-one;

7-O-Geranyl-esculetin.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Murraya tetramera* Huang.

### [ Biological Activity or Inhibitors ]

7-Geranyloxy-6-methoxycoumarin shows significant cytotoxicity against three cell lines (A549, SMMC-7721 and BALL-1), it may be potential lead compounds for the treatment of cancer.<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] You C X, Yang K, Wang C F, *et al. Molecules*, 2014, 19(9):13225-34.

### **[ Contact ]**

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