

## 1,4,5,6-Tetrahydroxy-7,8-diprenylxanthone Datasheet

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

### [ Product Information ]

**Name:** 1,4,5,6-Tetrahydroxy-7,8-diprenylxanthone

**Catalog No.:** CFN97260

**Cas No.:** 776325-66-7

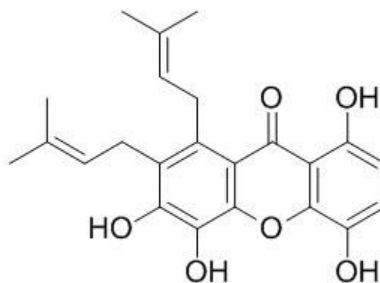
**Purity:** > 95%

**M.F:** C<sub>23</sub>H<sub>24</sub>O<sub>6</sub>

**M.W:** 396.4

**Physical Description:** Yellow powder

**Synonyms:** 3,4,5,8-Tetrahydroxy-1,2-bis(3-methyl-2-buten-1-yl)-9H-xanthen-9-one.



### [ Intended Use ]

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

### [ Source ]

The herbs of *Garcinia xanthochymus*.

### [ Biological Activity or Inhibitors ]

1,4,5,6-Tetrahydroxy-7,8-diprenylxanthone shows moderate cytotoxicities against breast

cancer (MDA-MB-435S) and lung adenocarcinoma (A549) cell lines.<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] Han Q B, Qiao C F, Song J Z, *et al. Chem. Biodivers.*, 2007, 4(5):940-6.

### **[ 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)