



# 1,3,5-Trihydroxyxanthone Datasheet

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

## [ Product Information ]

**Name:** 1,3,5-Trihydroxyxanthone

**Catalog No.:** CFN92399

**Cas No.:** 6732-85-0

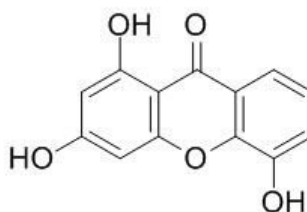
**Purity:** > 95%

**M.F:** C<sub>13</sub>H<sub>8</sub>O<sub>5</sub>

**M.W:** 244.2

**Physical Description:** Yellow powder

**Synonyms:** 1,3,5-Trihydroxy-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 *Calophyllum inophyllum* L.

## [ Biological Activity or Inhibitors ]

1,3,5-Trihydroxyxanthone shows high cytotoxic activity.<sup>[1]</sup>

1,3,5-Trihydroxyxanthone has anticholinesterase activity on acetylcholinesterase (AChE) .<sup>[2]</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]Lannang A M, Louh G N, Biloa B M, *et al. Planta Med.*, 2006, 72(4):289-94.

[2] Louh G N, Lannang A M, Mbazona C D, *et al. Phytochemistry*, 2008, 69(4):1013-7.

### **[ Contact ]**

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