

## Ermanin Datasheet

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

### [ Product Information ]

**Name:** Ermanin

**Catalog No.:** CFN98050

**Cas No.:** 20869-95-8

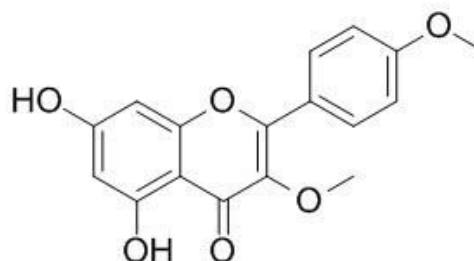
**Purity:** > 98%

**M.F:** C<sub>17</sub>H<sub>14</sub>O<sub>6</sub>

**M.W:** 314.3

**Physical Description:** Yellow powder

**Synonyms:** 5,7-Dihydroxy-3-methoxy-2-(4-methoxyphenyl)-1-benzopyran-4-one.



### [ Intended Use ]

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

### [ Source ]

The herb of *Tanacetum parthenium*.

### [ Biological Activity or Inhibitors ]

Ermanin has a high deterrent activity at 40 ppm against Dione juno larvae.<sup>[1]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]**

Mobile phase: Methanol : H<sub>2</sub>O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

## **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

## **[ References ]**

[1] Echeverri F, Cardona G, Torres F, *et al. Phytochemistry*, 1991, 30(1):153-5.

## **[ Contact ]**

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