

## Murrayone Datasheet

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

### [ Product Information ]

**Name:** Murrayone

**Catalog No.:** CFN98505

**Cas No.:** 19668-69-0

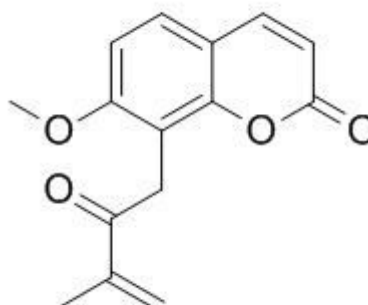
**Purity:** >=98%

**M.F:** C<sub>15</sub>H<sub>14</sub>O<sub>4</sub>

**M.W:** 258.27

**Physical Description:** White cryst.

**Synonyms:** 7-Methoxy-8-(3-methyl-2-oxo-but-3-enyl)-chromen-2-one.



### [ Intended Use ]

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

### [ Source ]

The leaves of *Murraya koenigii*.

### [ Biological Activity or Inhibitors ]

Murrayone can significantly inhibit the abnormal increase of platelet aggregation induced

by ADP.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Methanol -H<sub>2</sub>O=60:40;

Flow rate:1.0 ml/min;

Column temperature: 30℃;

The wave length of determination:332 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Yang H, Zhou Q M, Peng C, *et al. Zhongguo Zhong Yao Za Zhi*,2014 Nov;39(22):4356-9.

[2] Jiang P C, Li J, Huang J Y, *et al.Chinese Journal of Experimental Traditional Medical Formulae*,2010, 16(16):36-8.

## **[ Contact ]**

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