

## 6-Hydroxyrubiadin Datasheet

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

### [ Product Information ]

**Name:** 6-Hydroxyrubiadin

**Catalog No.:** CFN97444

**Cas No.:** 87686-86-0

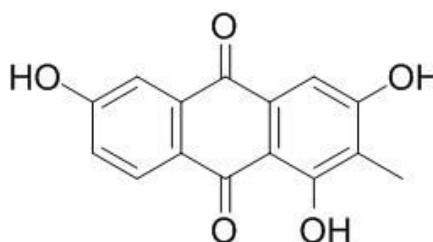
**Purity:** > 95%

**M.F:** C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>

**M.W:** 270.24

**Physical Description:** Yellow powder

**Synonyms:** 1,3,6-Trihydroxy-2-methylantraquinone.



### [ Intended Use ]

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

### [ Source ]

The roots of *Rubia cordifolia* L.

### [ Biological Activity or Inhibitors ]

6-Hydroxyrubiadin has antioxidant activity, EC(50) is 14.7ug/ml.<sup>[1]</sup>

## **[ Solvent ]**

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

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

Mobile phase: Methanol- 0.3% Formic acid in water, gradient elution ;

Flow rate: 0.2 ml/min;

Column temperature: 30 °C;

The wave length of determination: 276 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Kang W Y, Zang X Y, Li L. *Journal of Henan University*, 2006, 25(3):6-8.

[2] Chen X, Wang K, Shan M Q, *et al. China Journal of Chinese Materia Medica*, 2012, 37(19):2922-5.

## **[ Contact ]**

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