

## Tectoquinone Datasheet

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

### [ Product Information ]

**Name:** Tectoquinone

**Catalog No.:** CFN92570

**Cas No.:** 84-54-8

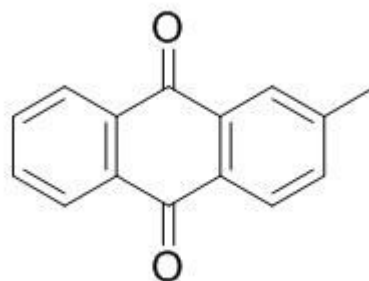
**Purity:** > 98%

**M.F:** C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>

**M.W:** 222.2

**Physical Description:** Yellow cryst.

**Synonyms:** 2-Methyl anthraquinone;2-Methylantra-9,10-quinone.



### [ Intended Use ]

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

### [ Source ]

The roots of *Morinda umbellata* L.

### [ Biological Activity or Inhibitors ]

Tectoquinone has larvicidal activity against the fourth-instar larvae of *Aedes aegypti* and *Aedes albopictus*.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[1]</sup>**

Mobile phase: Hexane-Ethyl acetate-Dichloromethane=80:15:5 ;

Flow rate: 2.0 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] Cheng S S, Huang C G, Chen W J, *et al. Bioresour. Technol.*, 2008, 99(9):3617-22.

## **[ Contact ]**

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