

## 5'-Demethylaquillochin Datasheet

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

### [ Product Information ]

**Name:** 5'-Demethylaquillochin

**Catalog No.:** CFN98388

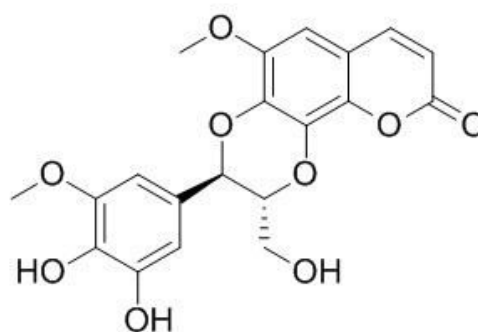
**Cas No.:** 305364-91-4

**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>18</sub>O<sub>9</sub>

**M.W:** 402.4

**Physical Description:** Powder



**Synonyms:** (2R,3R)-3-(3,4-Dihydroxy-5-methoxyphenyl)-2-(hydroxymethyl)-5-methoxy-2,3-dihydro-9H-[1,4]dioxino[2,3-h]chromen-9-one.

### [ Intended Use ]

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

### [ Source ]

The herbs of *Mallotus apelta*.

### [ Biological Activity or Inhibitors ]

5'-Demethyloquillochin and its isomer have potential as chemopreventive agents through induction of detoxification enzymes.<sup>[1]</sup>

### **[ Solvent ]**

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

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

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

### **[ References ]**

[1] Cheng L, Zhang X, Zhang M, *et al. J. Chromatogr. A*, 2009 Jun 12;1216(24):4859-67.

### **[ Contact ]**

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