

## Acetylepipodophyllotoxin Datasheet

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

### [ Product Information ]

**Name:** Acetylepipodophyllotoxin

**Catalog No.:** CFN99279

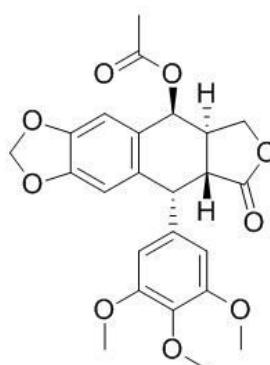
**Cas No.:** 1180-35-4

**Purity:** > 95%

**M.F:** C<sub>24</sub>H<sub>24</sub>O<sub>9</sub>

**M.W:** 456.5

**Physical Description:** Powder



**Synonyms:** (5S,5aR,8aR,9R)-8-Oxo-9-(3,4,5-trimethoxyphenyl)-5,5a,6,8,8a,9-hexahydrofuro[3',4':6,7]naphtho[2,3-d][1,3]dioxol-5-yl acetate.

### [ Intended Use ]

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

### [ Source ]

The roots of *Dysosma versipellis* (Hance) M.Cheng ex Ying.

### [ Biological Activity or Inhibitors ]

Acetylepipodophyllotoxin has insecticidal activity.<sup>[1]</sup>

Acetylpodophyllotoxin and epipodophyllotoxin are potent inhibitors of the IGF-1R phosphorylation.<sup>[2]</sup>

### **[ Solvent ]**

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

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

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

### **[ References ]**

[1] Feng R H, Yan H Y, Ma Z Q, *et al. Journal of Northwest Sci-Tech Univ of Agr and Forest.*, 2007, 35(9):117-22.

[2] Gunzinger J, Leander K. *WO, US7875631[P].* 2011.

### **[ Contact ]**

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