

## 9-Hydroxy-13E-labden-15-oic acid Datasheet

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

### [ Product Information ]

**Name:** 9-Hydroxy-13E-labden-15-oic acid

**Catalog No.:** CFN99412

**Cas No.:** 132915-47-0

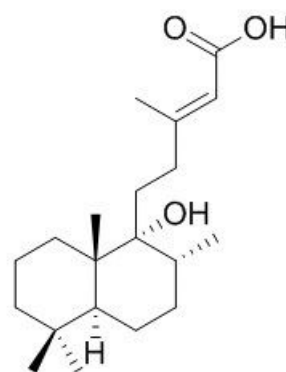
**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>34</sub>O<sub>3</sub>

**M.W:** 322.5

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The herbs of *Leyssera gnaphaloides*.

### [ Biological Activity or Inhibitors ]

9-Hydroxy-13E-labden-15-oic acid shows inhibitory activity against Plasmodium falciparum with the IC(50) values between 1.55 and 4.67 microg/ml in vitro. [1]

### **[ Solvent ]**

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

### **[ HPLC Method ]**

Mobile phase: Methanol-0.5% Acetic acid H2O gradient elution;

Flow rate: 1.0 ml/min;

The wave length of determination: 210 nm.

### **[ Storage ]**

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

### **[ References ]**

[1] Mambu L, Grellier P, Florent L, *et al. Phytochemistry*, 2006, 67(5):444-51.

### **[ Contact ]**

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