

## Coccinic acid Datasheet

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

### [ Product Information ]

**Name:** Coccinic acid

**Catalog No.:** CFN99083

**Cas No.:** 107783-45-9

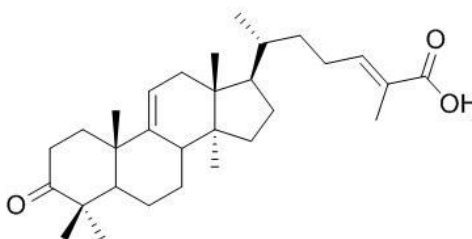
**Purity:** > 95%

**M.F:** C<sub>30</sub>H<sub>46</sub>O<sub>3</sub>

**M.W:** 454.7

**Physical Description:** Powder

**Synonyms:** Lanosta-9(11),24-dien-26-oicacid, 3-oxo-, (24E)-;(+) -Coccinicacid.



### [ Intended Use ]

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

### [ Source ]

The roots of *Kadsura coccinea*.

### [ Biological Activity or Inhibitors ]

Mixture of coccinic acid and anwuweizonic acid shows significant inhibitory activity against

human decidual cells and rat luteal cells in vitro, suggests that it has antifertility activity.<sup>[1]</sup>

Coccinic acid shows inhibitory effects against colorectal carcinoma HCT-15 and oral epithelial cell line KB-3-1.<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] Chen Y G, Lin Z W, Lin C, *et al. Chinese Journal of Modern Applied Pharmacy*, 2002, 19(2):103-5.

[2] Liu K L, Tian R H, Shen XL, *et al. Journal of Guangzhou University of Traditional Chinese Medicine*, 2013, 30(6):843-8.

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