

## Ganoderic acid K Datasheet

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

### [ Product Information ]

**Name:** Ganoderic acid K

**Catalog No.:** CFN92057

**Cas No.:** 104700-95-0

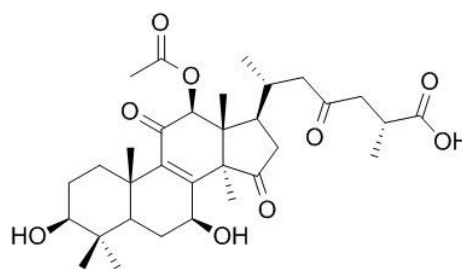
**Purity:** > 95%

**M.F:** C<sub>32</sub>H<sub>46</sub>O<sub>9</sub>

**M.W:** 574.7

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The fruiting bodys of *Ganoderma lucidum*.

### [ Biological Activity or Inhibitors ]

Ganoderic acids K, the 70% MeOH extract of *Ganoderma lucidum*, has an inhibitory effect on angiotensin converting enzyme activity.<sup>[1]</sup>

## **[ Solvent ]**

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

## **[ HPLC Method ]<sup>[2]</sup>**

Mobile phase: Acetonitrile - 0.03% Aqueous phosphoric acid ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

The wave length of determination: 252 nm.

## **[ Storage ]**

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

## **[ References ]**

[1] Morigiwa A, Kitabatake K, Fujimoto Y, *et al. Chem. Pharm. Bull.*, 1986, 34(7):3025-8.

[2] Wang X, Liu R, Sun J, *et al. Biomed. Chromatogr.*, 2007, 21(4):389-96.

## **[ Contact ]**

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