**Ganoderic acid F Datasheet**

4th Edition (Revised in July, 2016)

[**Product Information**]

**Name:** Ganoderic acid F

**Catalog No.:** CFN92055

**Cas No.:** 98665-14-6

**Purity:** > 95%

**M.F:** C_{30}H_{40}O_{7}

**M.W:** 512.6

**Physical Description:** Powder

**Synonyms:** 3,7,11,15,23-Pentaoxolanost-8-en-26-oic acid.

[**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 acid, from Ganoderma lucidum, has anti-hepatitis B activities, at 8 ug/ml inhibits replication of hepatitis B virus (HBV) in HepG2215 cells over 8 days, it also significantly protects the mice from liver injury induced by M. bovis BCG plus lipopolysaccharide (from Escherichia coli 0127:B8).[1] Ganoderic acid extract has the neuroprotective potential against magnesium-free induced epilepsy in primary hippocampal neurons. [2] Ganoderic acid F exhibits the highest effect to lower and normalizes the blood pressure. [3]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][4]
Mobile phase: Acetonitrile- 0.04% Formic acid H2O, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 15 °C;
The wavelength of determination: 254 nm.

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

[ References ]

[ Contact ]
Address:  
S5-3 Building, No. 111, Dongfeng Rd.,  
Wuhan Economic and Technological Development Zone,  
Wuhan, Hubei 430056,  
China

Email: info@chemfaces.com  
Tel: +86-27-84237783  
Fax: +86-27-84254680  
Web: www.chemfaces.com  
Tech Support: service@chemfaces.com