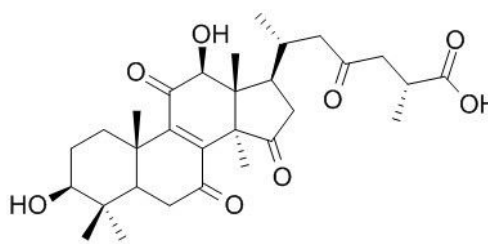


Ganoderic acid C6 Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ganoderic acid C6**Catalog No.:** CFN92290**Cas No.:** 105742-76-5**Purity:** > 95%**M.F:** C₃₀H₄₂O₈**M.W:** 530.7**Physical Description:** Powder**Synonyms:** (3β,12β)-3,12-Dihydroxy-7,11,15,23-tetraoxo-lanost-8-en-26-oic acid; 12-Deacetyl-ganoderic acid H.

[Intended Use]

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

[Source]

The fruit body of *Ganoderma lucidum*.

[Biological Activity or Inhibitors]

Ganoderic acid (GA), produced by submerged culture of *Ganoderma lucidum*, at 500 microg/ml, caused nearly a 70% inhibition of the growth of human hepatoma cell line BEL7402 but not of a normal human liver cell line L02. [1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 0.03% H_3PO_4 , 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] Yang H L. *Biotechnol. Lett.*, 2005, 27(12):835-8.

[2] Zhao J, Chen X, Kaishun B I. *China journal of Chinese materia medica*, 2009, 34(17):2220-2.

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