

Ganoderal A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Ganoderal A

Catalog No.: CFN90306

Cas No.: 104700-98-3

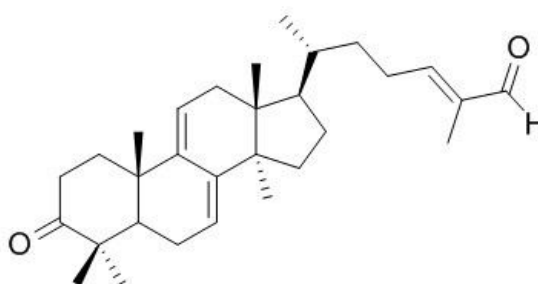
Purity: 98%

M.F: C₃₀H₄₄O₂

M.W: 436.68

Physical Description: White cryst

Synonyms: (24E)-3-Oxo-5 α -lanosta-7,9(11),24-triene-26-al.



[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]

The oxygenated sterols(26-oxygenosterols ganoderol A, ganoderol B, ganoderal A, and

ganoderic acid Y) from *G. lucidum* can inhibit cholesterol biosynthesis via conversion of acetate or mevalonate as a precursor of cholesterol.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25°C;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Hajjaj H, Macé C, Roberts M, *et al. Appl. Environ. Microbiol.*, 2005 Jul; 71(7):3653-8.

[2] Zhao J, Zhang X, Li S, *et al. J. Sep. Sci.*, 2006 Nov; 29(17):2609-15.

[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