Ganoderol A Datasheet

[ **Product Information** ]

**Name:** Ganoderol A  
**Catalog No.:** CFN99065  
**Cas No.:** 104700-97-2  
**Purity:** > 98%  
**M.F:** C30H46O2  
**M.W:** 438.7  
**Physical Description:** Powder  
**Synonyms:** Gaderol A; Ganodermenonol; 26-Hydroxylanosta-7,9(11),24E-trien-3-one.

[ **Intended Use** ]

1. Reference standards;  
2. Pharmacological research;  
3. Food and cosmetic research;  
4. Synthetic precursor compounds;  
5. Ingredient in supplements, beverages;  
6. Intermediates & Fine Chemicals;  
7. Others.

[ **Source** ]

The fruit body of *Ganoderma lucidum* (Curtis) P. Karst.

[ **Biological Activity or Inhibitors** ]
Ganoderol A, isolated from *Ganadermalucidum*, has significant anti-inflammatory activity and protection against UVA damage, thus suggesting that the compound is a candidate for the development of a suitable product to protect skin from UV-induced photoaging.

Ganoderols A, the 70% MeOH extract of *Ganoderma lucidum*, has an inhibitory effect on angiotensin converting enzyme activity.

Ganoderal A inhibits cholesterol biosynthesis via conversion of acetate or mevalonate as a precursor of cholesterol.

Ganoderone A and luctialdehyde B exhibit potent inhibitory activity against herpes simplex virus.

**[Solvent]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO.

**[HPLC Method]**

Mobile phase: Methanol -H2O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 20 ℃;

The wave length of determination: 254 nm.

**[Storage]**

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

**[References]**


Contact

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