

Product Data Sheet

Product Name: Ganoderol A

Cat. No.: GC72017

Chemical Properties

Cas. No. 104700-97-2

Formula $C_{30}H_{46}O_2$

M.Wt 438.69

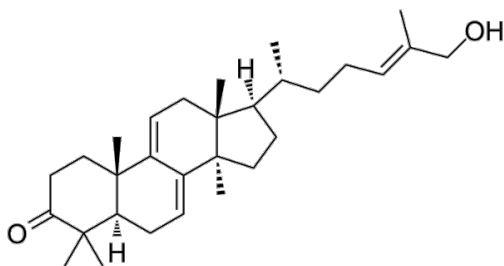
Solubility

Storage 4°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Ganoderol A is a terpenoid extracted from *Ganoderma lucidum* with antimicrobial activities. Ganoderol A inhibits cholesterol synthesis pathway and has significant anti-inflammatory activity and protection against ultraviolet A (UVA) damage.

References:

- [1]. Hassan Hajja, et al. Effect of 26-oxygenosterols From *Ganoderma Lucidum* and Their Activity as Cholesterol Synthesis Inhibitors. *Appl Environ Microbiol.* 2005 Jul;71(7):3653-8.
- [2]. Fujun Jin, et al. In vitro Protective Effect of Ganoderol A Isolated from *Ganoderma lucidum*

Caution: Product has not been fully validated for medical applications. For research use only.

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Against Ultraviolet A Radiation and its Anti-inflammatory Properties. Trop. J. Pharm. Res., 2015, 14(3):412-21.

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