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**Product Data Sheet**


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Product Name: Ganoderal A

Cat. No.: GC36111

**Chemical Properties**

Cas. No. 104700-98-3

SMILES CC1(C)C(CC[C@]2(C)C3=CC[C@]4(C)[C@@H]([C@H](C)CC/C=C(C)/C=O)CC[C@](C)4C3=CC[C@@]12[H])=O

Formula C<sub>30</sub>H<sub>44</sub>O<sub>2</sub>

M.Wt 436.67

Solubility DMSO : 5.26 mg/mL (12.05 mM; ultrasonic and warming and heat to 60°C)

Storage Store at -20°C

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**

Ganoderal A, an oxygenated sterol from *G. lucidum*, is a cholesterol synthesis inhibitor[1].

[1]. Hajjaj H, 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.

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

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