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## Product Data Sheet

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Product Name: Ganoderenic acid D

Cat. No.: GC36114

### Chemical Properties

Cas. No. 100665-43-8

SMILES CC1(C)C(CCC2(C)C3=C(C4(C(CC(C4(CC3=O)C)/C(C)=C/C(CC(C)C(O)=O)=O)=O)C)C(O)CC12)=O

Formula  $C_{30}H_{40}O_7$  M.Wt 512.63

Solubility Soluble in DMSO Storage Store at -20°C

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

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

Structure

### Background

Ganoderenic acid D is a triterpene identified from the effective compounds of Ganoderma lucidum extract (GLE). Ganoderenic acid D inhibits the proliferation of cancer cells by inducing cell cycle arrest and apoptosis[1].

[1]. Zhao RL, et al. Network pharmacology analysis of the anti-cancer pharmacological mechanisms of Ganoderma lucidum extract with experimental support using Hepa1-6-bearing C57 BL/6 mice. J Ethnopharmacol. 2018 Jan 10;210:287-295.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA