
Product Data Sheet

Product Name: Ganoderenic acid C

Cat. No.: GC36113

Chemical Properties

Cas. No. 100665-42-7

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

Formula C₃₀H₄₄O₇ M.Wt 516.67

Solubility Methanol: soluble Storage Store at -20°C

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

Structure

Background

Ganoderenic acid C is a triterpene that has been found in *G. lucidum*.¹ It is cytotoxic to H460 cancer cells (IC₅₀ = 93 μM).

1. Komoda, Y., Nakamura, H., Ishihara, S., et al. Structures of new terpenoid constituents of *Ganoderma lucidum* (Fr.) KARST (Polyporaceae) *Chem. Pharm. Bull.* 33(11)4829-4835(1985)

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

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