
Product Data Sheet

Product Name: Polyporenic acid C

Cat. No.: GC39041

Chemical Properties

Cas. No. 465-18-9

SMILES C[C@]12[C@@]([C@]([C@H](C(O)=O)CCC(C(C)C)=C)([H])[C@H](O)C1)(CC=C3C2=CC[C@](C4(C)C)([H])[C@@]3(CCC4=O)C)CFormula C₃₁H₄₆O₄ M.Wt 482.69

Solubility Soluble in DMSO 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**

Polyporenic acid C is a lanostane-type triterpenoid isolated from *P. cocos*. Polyporenic acid C induces cell apoptosis through the death receptor-mediated apoptotic pathway without the involvement of the mitochondria. Polyporenic acid C is promising agent for lung cancer therapy[1].

[1]. Ling H, et al. Polyporenic acid C induces caspase-8-mediated apoptosis in human lung cancer A549 cells. *Mol Carcinog.* 2009 Jun;48(6):498-507.

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