

## Product Data Sheet

Product Name: 3 $\alpha$ -Hydroxymogrol

Cat. No.: GC35124

### Chemical Properties

Cas. No. 1343402-73-2

SMILES C[C@]12[C@@]3([H])[C@]([C@@]4([H])C(C(C)[C@H](O)CC4)C)=CC3)([C@H](O)C[C@@]1([C@]([C@H](C)CC[C@@H](O)C(C)(O)C)([H])CC2)C)C

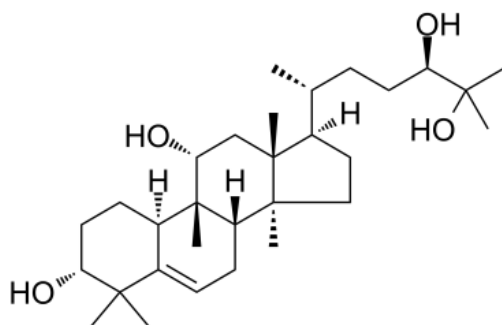
Formula C<sub>30</sub>H<sub>52</sub>O<sub>4</sub> M.Wt 476.73

Solubility DMSO : 100 mg/mL (209.76 mM; Need ultrasonic) 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

3 $\alpha$ -Hydroxymogrol is a triterpenoid isolated from *Siraitia grosvenorii* Swingle, acts as a potent AMPK activator, and enhances AMPK phosphorylation[1]. AMPK

[1]. Chen XB, et al. Potential AMPK activators of cucurbitane triterpenoids from *Siraitia grosvenorii* Swingle. *Bioorg Med Chem*. 2011 Oct 1;19(19):5776-81.

**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

## Product Data Sheet

---

***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](mailto:tech@glpbio.com)***

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