

Product Data Sheet

Product Name: Mogroside VI B

Cat. No.: GC72037

Chemical Properties

Cas. No. 2149606-17-5

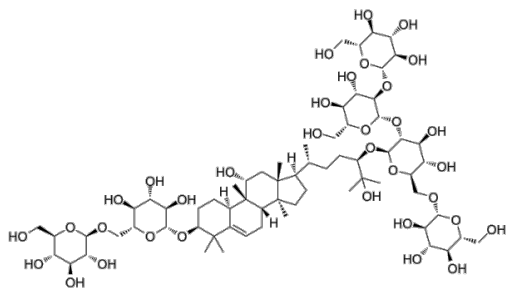
Formula $C_{66}H_{112}O_{34}$ M.Wt 1449.58

Solubility DMSO : 50 mg/mL (34.49 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage -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

Mogroside VI B, a cucurbitane glucoside, separated from the crude extract of *Siraitia grosvenorii*. Mogroside VI B shows effect on activating PGC-1 α transcription.

Mogroside VI B shows moderate effects on PGC-1 α promoter activity. At the concentration of 20 μ M,

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

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Mogroside VI B has PGC-1 α promoter activity^[1].

References:

[1]. Niu B, et al. Cucurbitane Glucosides from the Crude Extract of *Siraitia grosvenorii* with Moderate Effects on PGC-1 α Promoter Activity. *J Nat Prod.* 2017;80(5):1428-1435.

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