
Product Data Sheet

Product Name: 11-Oxomogroside IIa

Cat. No.: GC35050

Chemical Properties

Cas. No.

SMILES C[C@H](CC[C@@H](O[C@H]1[C@H](O[C@@H]2[C@@H](O)[C@H](O)[C@@H](O)[C@H](CO)O2)[C@@H](O)[C@H](O)[C@@H](CO)O1)C(C)(O)C)C3CC[C@@]([C@]3(C)C4)(C)C5CC=C6C(C)(C)[C@@H](O)CCC6[C@]5(C)C4=O

Formula C₄₂H₇₀O₁₄

M.Wt

799

Solubility Soluble in DMSO

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**

11-Oxomogroside IIa (11-oxomogroside II A1) is a cucurbitane glycoside extracted from the fruits of *Siraitia grosvenorii*. 11-Oxomogroside IIa has inhibitory effects against the Epstein-Barr virus early antigen (EBV-EA) activation induced by 12-O-tetradecanoylphorbol-13-acetate (TPA), shows weak inhibitory effects on activation of (+/-)-(E)-methyl-2-[(E)-hydroxyimino]-5-nitro-6-methoxy-3-hexemide (NOR 1), a nitric oxide (NO) donor[1].

[1]. Akihisa T, et al. Cucurbitane glycosides from the fruits of *Siraitia grosvenorii* and their inhibitory effects on Epstein-Barr virus activation. *J Nat Prod.* 2007 May;70(5):783-8. Epub 2007 May 4.

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
