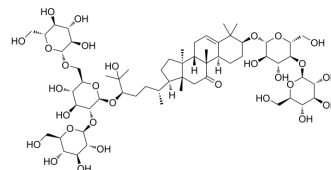


11-Oxoisomogroside V

Cat. No.:	HY-N12011
CAS No.:	2149606-15-3
Molecular Formula:	C ₆₀ H ₁₀₀ O ₂₉
Molecular Weight:	1285.42
Target:	PGC-1 α
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

11-Oxoisomogroside V (compound 3) is a cucurbitacin isolated from the crude extract of Luo Han Guo. 11-Oxoisomogroside V activates the transcriptional activity of PGC-1 α . In the luciferase experiment, the results showed that 10 μ M and 20 μ M 11-Oxoisomogroside V could increase the luciferase activity to 133.79% and 143.81%^[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 May 26;80(5):1428-1435.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA