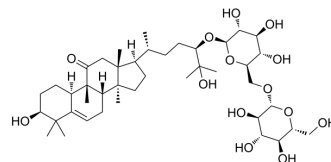


11-Oxomogroside II A1

Cat. No.:	HY-N11009
CAS No.:	942612-74-0
Molecular Formula:	C ₄₂ H ₇₀ O ₁₄
Molecular Weight:	799
Target:	EBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

11-Oxomogroside II A1 (compound 7) is an oxidized cucurbitin. It can be isolated from the ethanol extract of Rohanberry fruit. 11-Oxomogroside II A1 inhibits the activation of Epstein-Barr virus (EBV) early antigen (EBV-EA) induced by 12-O-tetradecanoylphorbol-13-acetate (TPA). 11-Oxomogroside II A1 also weakly inhibits the activation of (±)-(E)-methyl-2-[(E)-hydroxyimino]-5-nitro-6-methoxy-3-hexemide (NOR 1), a nitric oxide (NO) donor^[1].

REFERENCES

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

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