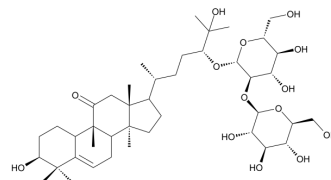


## 11-Oxomogroside IIa

Cat. No.:	HY-N7041
Molecular Formula:	C <sub>42</sub> H <sub>70</sub> O <sub>14</sub>
Molecular Weight:	799
Target:	HSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

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<sup>[1]</sup>.

### REFERENCES

[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.**

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