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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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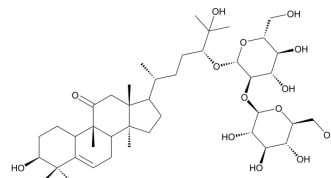
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11-Oxomogroside IIa

Cat. No.:	HY-N7041
Molecular Formula:	C ₄₂ H ₇₀ O ₁₄
Molecular Weight:	799
Target:	HSV; EBV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (62.58 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.2516 mL	6.2578 mL	12.5156 mL
				5 mM	0.2503 mL	1.2516 mL	2.5031 mL
				10 mM	0.1252 mL	0.6258 mL	1.2516 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (1.56 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (1.56 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (1.56 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	11-Oxomogroside IIa (11-oxomogroside II A1) is a cucurbitane glycoside extracted from the fruits of <i>Siraitia grosvenorii</i> . 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-hexamide (NOR 1), a nitric oxide (NO) donor ^[1] .
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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. Epub 2007 May 4.

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

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