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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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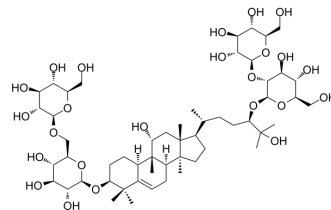
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Mogroside IV

Cat. No.:	HY-N6945
CAS No.:	89590-95-4
Molecular Formula:	C ₅₄ H ₉₂ O ₂₄
Molecular Weight:	1125.29
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (88.87 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	0.8887 mL	4.4433 mL	8.8866 mL
				5 mM	0.1777 mL	0.8887 mL	1.7773 mL
				10 mM	0.0889 mL	0.4443 mL	0.8887 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: ≥ 2.5 mg/mL (2.22 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.22 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.22 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Mogroside IV, a triterpenoid glycoside isolated from the extracts of Luo Han Guo, is a nonsugar sweetener. Mogrosides are sweeter than sucrose. Mogrosides exhibit antioxidant, antidiabetic and anticancer activities ^[1] .
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REFERENCES

[1]. Qi XY, et al. Mogrosides extract from *Siraitia grosvenori* scavenges free radicals in vitro and lowers oxidative stress, serum glucose, and lipid levels in alloxan-induced diabetic mice. *Nutr Res.* 2008 Apr;28(4):278-84.

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

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