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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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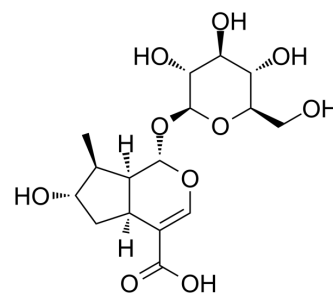
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8-Epiloganic acid

Cat. No.:	HY-N8314
CAS No.:	82509-41-9
Molecular Formula:	C ₁₆ H ₂₄ O ₁₀
Molecular Weight:	376.36
Target:	Others
Pathway:	Others
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 (132.85 mM; ultrasonic and warming and heat to 60°C)					
	H ₂ O : 4.81 mg/mL (12.78 mM; ultrasonic and warming and adjust pH to 11 with 1 M NaOH and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.6570 mL	13.2852 mL	26.5703 mL
		5 mM		0.5314 mL	2.6570 mL	5.3141 mL
10 mM			0.2657 mL	1.3285 mL	2.6570 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 (6.64 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	8-Epiloganic acid, an iridoid glucoside, can be found in <i>Linaria cymbalaria</i> (Scrophulariaceae) ^[1] .
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REFERENCES

[1]. Bianco A, et, al. 8-epiloganic acid and 7-beta-hydroxy-8-epiiridodial glucoside. *Planta Med.* 1982 Sep;46(1):38-41.

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

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