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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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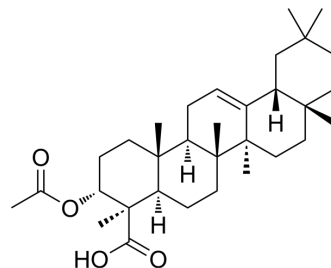
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3-O-Acetyl- α -boswellic acid

Cat. No.:	HY-N3037
CAS No.:	89913-60-0
Molecular Formula:	C ₃₂ H ₅₀ O ₄
Molecular Weight:	498.74
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 : 100 mg/mL (200.51 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.0051 mL	10.0253 mL	20.0505 mL
		5 mM		0.4010 mL	2.0051 mL	4.0101 mL
	10 mM		0.2005 mL	1.0025 mL	2.0051 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: \geq 2.5 mg/mL (5.01 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline) Solubility: 2.5 mg/mL (5.01 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: \geq 2.5 mg/mL (5.01 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	3-O-Acetyl- α -boswellic acid suppresses T cell function ^[1] .
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REFERENCES

[1]. Amy M Zimmermann-Klemd, et al. Boswellia carteri extract and 3-O-acetyl-alpha-boswellic acid suppress T cell function. Fitoterapia. 2020 Oct;146:104694.

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

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