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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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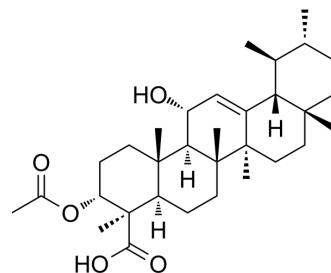
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3-O-Acetyl-11-hydroxy-beta-boswellic acid

Cat. No.:	HY-N7162
CAS No.:	146019-25-2
Molecular Formula:	C ₃₂ H ₅₀ O ₅
Molecular Weight:	514.74
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (242.84 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.9427 mL	9.7136 mL	19.4273 mL
		5 mM	0.3885 mL	1.9427 mL	3.8855 mL
	10 mM	0.1943 mL	0.9714 mL	1.9427 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: ≥ 2.08 mg/mL (4.04 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.04 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	3-O-Acetyl-11-hydroxy-beta-boswellic acid is a potent 5-lipoxygenase (5-LO) inhibitor ^[1] .
IC ₅₀ & Target	5-LOX

REFERENCES

[1]. Mahe Alam, et al. A review on Phytochemical and Pharmacological studies of Kundur (Boswellia serrata Roxb ex Colebr.) -A Unani drug.

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

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