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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

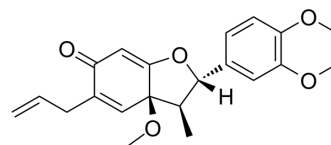
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

(-)-Denudatin B

Cat. No.:	HY-N3729
CAS No.:	87402-88-8
Molecular Formula:	C ₂₁ H ₂₄ O ₅
Molecular Weight:	356.41
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
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 (140.29 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.8058 mL	14.0288 mL	28.0576 mL	
		5 mM	0.5612 mL	2.8058 mL	5.6115 mL	
		10 mM	0.2806 mL	1.4029 mL	2.8058 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (3.51 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (3.51 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	(-)-Denudatin B is an antiplatelet agent. (-)-Denudatin B relaxed vascular smooth muscle by inhibiting the Ca ²⁺ influx through voltage-gated and receptor-operated Ca ²⁺ channels ^[1] . And (-)-Denudatin B has nonspecific antiplatelet action
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REFERENCES

- [1]. Yu SM, et al. Vasorelaxing effect in rat thoracic aorta caused by denudatin B, isolated from the Chinese herb, magnolia fargesii. Eur J Pharmacol. 1990;187(1):39-47.
- [2]. Teng CM, et al. Inhibition of thrombin- and collagen-induced phosphoinositides breakdown in rabbit platelets by a PAF antagonist--denudatin B, an isomer of kadsurenone. Thromb Res. 1990;59(1):121-130.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA