



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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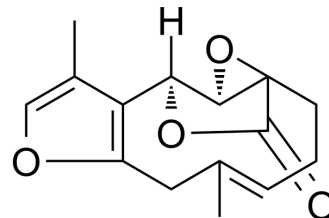
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Linderane

Cat. No.:	HY-N0688
CAS No.:	13476-25-0
Molecular Formula:	C ₁₅ H ₁₆ O ₄
Molecular Weight:	260.29
Target:	Cytochrome P450
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 : 100 mg/mL (384.19 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	3.8419 mL	19.2093 mL	38.4187 mL
				5 mM	0.7684 mL	3.8419 mL	7.6837 mL
				10 mM	0.3842 mL	1.9209 mL	3.8419 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.60 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Linderane, isolated from the root of <i>Lindera aggregata</i> , is an irreversible inhibitor cytochrome P450 2C9 (CYP2C9). Linderane has the potential to relieve pain and cramp ^[1] .
IC ₅₀ & Target	CYP2

REFERENCES

[1]. Wang H, et al. Mechanism-based inactivation of CYP2C9 by linderane. *Xenobiotica*. 2015;45(12):1037-46.

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

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