



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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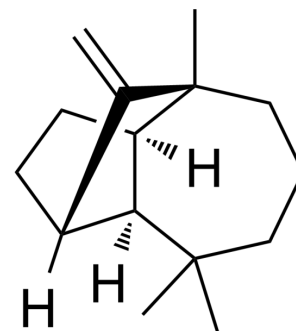
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## (+)-Longifolene

<b>Cat. No.:</b>	HY-N6662		
<b>CAS No.:</b>	475-20-7		
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>24</sub>		
<b>Molecular Weight:</b>	204.35		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (489.36 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.8936 mL	24.4678 mL	48.9356 mL
5 mM	0.9787 mL	4.8936 mL	9.7871 mL
10 mM	0.4894 mL	2.4468 mL	4.8936 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

(+)-Longifolene is a sesquiterpenoid and a metabolite in rabbits. (+)-Longifolene is converted to primary, secondary or tertiary alcohols in rabbits, among which the primary alcohol is predominant<sup>[1]</sup>.

### REFERENCES

[1]. Asakawa Y, Terpenoid biotransformation in mammals. IV Biotransformation of (+)-longifolene, (-)-caryophyllene, (-)-caryophyllene oxide, (-)-cyclocolorenone, (+)-nootkatone, (-)-elemol, (-)-abiatic acid and (+)-dehydroabiatic acid in rabbits. *Xenobiotica*. 1986 Aug;16(8):753-67.

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

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