



# 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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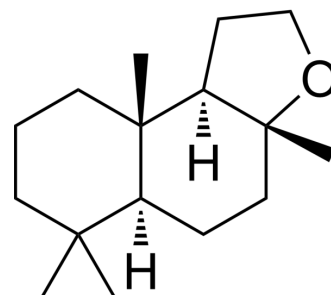
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## Ambroxide

<b>Cat. No.:</b>	HY-N1384		
<b>CAS No.:</b>	6790-58-5		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>28</sub> O		
<b>Molecular Weight:</b>	236.39		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (105.76 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.2303 mL	21.1515 mL	42.3030 mL
	5 mM		0.8461 mL	4.2303 mL	8.4606 mL
	10 mM		0.4230 mL	2.1151 mL	4.2303 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (10.58 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (10.58 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Ambroxide is a naturally occurring terpenoid. Ambroxide is one of the key constituents of ambergris.

### REFERENCES

- [1]. Zerbe P, et al. Enzymes for synthetic biology of ambroxide-related diterpenoid fragrance compounds. *Adv Biochem Eng Biotechnol.* 2015;148:427-47.

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

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