



# 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

Quellenstraße 110, A-1100 Wien

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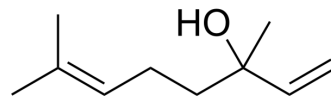
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## Linalool (Standard)

Cat. No.:	HY-N0368R
CAS No.:	78-70-6
Molecular Formula:	C <sub>10</sub> H <sub>18</sub> O
Molecular Weight:	154.25
Target:	iGluR; Apoptosis; Endogenous Metabolite
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Apoptosis; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (648.30 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.4830 mL	32.4149 mL	64.8298 mL
	5 mM	1.2966 mL	6.4830 mL	12.9660 mL
	10 mM	0.6483 mL	3.2415 mL	6.4830 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Linalool (Standard) is the analytical standard of Linalool. This product is intended for research and analytical applications. Linalool is natural monoterpene in essential oils of coriander, acts as a competitive antagonist of N-methyl d-aspartate (NMDA) receptor, with anti-tumor, anti-cardiotoxicity activity<sup>[1]</sup>. Linalool is a PPAR $\alpha$  ligand that reduces plasma TG levels and rewires the hepatic transcriptome and plasma metabolome<sup>[2]</sup>.

#### IC<sub>50</sub> & Target

NMDA Receptor

### CUSTOMER VALIDATION

- Int J Mol Sci. 2023 Aug 29, 24(17), 13386.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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