



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

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) 

1-Nonadecanol

Cat. No.:	HY-W004297		
CAS No.:	1454-84-8		
Molecular Formula:	C ₁₉ H ₄₀ O		
Molecular Weight:	284.52		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 10 mg/mL (35.15 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.5147 mL	17.5735 mL	35.1469 mL
	5 mM	0.7029 mL	3.5147 mL	7.0294 mL
	10 mM	0.3515 mL	1.7573 mL	3.5147 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: 1 mg/mL (3.51 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: 1 mg/mL (3.51 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 1 mg/mL (3.51 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

1-Nonadecanol is one of the compositions of supercritical carbon dioxide (SC-CO₂) essential oil of *Heracleum thomsonii*. 1-Nonadecanol is also an important aroma compound in *Neotinea ustulata*^{[1][2]}.

REFERENCES

[1]. Guleria S, et, al. Composition and antimicrobial activity of the essential oil of *Heracleum thomsonii* (Clarke) from the cold desert of the western Himalayas. *Nat Prod Res.* 2011 Aug;25(13):1250-60.

[2]. D'auria M, et, al. The scent of *Neotinea* orchids from Basilicata (Southern Italy). *Nat Prod Res.* 2021 Jan 19;1-3.

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