



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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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

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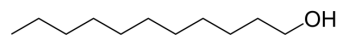
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1-Undecanol

Cat. No.:	HY-W004292		
CAS No.:	112-42-5		
Molecular Formula:	C ₁₁ H ₂₄ O		
Molecular Weight:	172.31		
Target:	Others		
Pathway:	Others		
Storage:	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 (580.35 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.8035 mL	29.0175 mL	58.0349 mL
	5 mM	1.1607 mL	5.8035 mL	11.6070 mL
	10 mM	0.5803 mL	2.9017 mL	5.8035 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: ≥ 4.55 mg/mL (26.41 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (14.51 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (14.51 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

1-Undecanol produced from 2-tridecanol by the organism^[1].

REFERENCES

[1]. Forney FW, et al. Bacterial oxidation of 2-tridecanone to 1-undecanol. J Bacteriol. 1967 Feb;93(2):649-55.

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

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