



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

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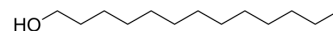
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1-Tridecanol

Cat. No.:	HY-W004293		
CAS No.:	112-70-9		
Molecular Formula:	C ₁₃ H ₂₈ O		
Molecular Weight:	200.36		
Target:	Biochemical Assay Reagents		
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 : 100 mg/mL (499.10 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.9910 mL	24.9551 mL	49.9102 mL
	5 mM	0.9982 mL	4.9910 mL	9.9820 mL
	10 mM	0.4991 mL	2.4955 mL	4.9910 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: ≥ 2.5 mg/mL (12.48 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (12.48 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (12.48 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

1-Tridecanol is an organic compound commonly used as a surfactant, lubricant, and stabilizer, among others. It can be used in some cleaning products, preservatives and plastic additives, and can help enhance their performance and stability. In addition, the compound is used in some industrial fields, for example in the manufacture of products such as cellulose and paints. Although the compound has no direct medical application, it plays an important role in consumer products and industrial production.

In Vitro

1-Tridecanol is a biochemical reagent that can be used as a biological material or organic compound for life science related

research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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