



SZABO SCANDIC

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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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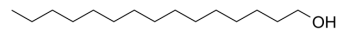
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1-Pentadecanol

Cat. No.:	HY-W004295		
CAS No.:	629-76-5		
Molecular Formula:	C ₁₅ H ₃₂ O		
Molecular Weight:	228.41		
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 : 33.33 mg/mL (145.92 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.3781 mL	21.8905 mL	43.7809 mL
	5 mM	0.8756 mL	4.3781 mL	8.7562 mL
	10 mM	0.4378 mL	2.1890 mL	4.3781 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 (10.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (10.95 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

1-Pentadecanol is a naturally occurring antiacne agent^[1].

REFERENCES

- [1]. I Kubo, et al. Naturally occurring antiacne agents. J Nat Prod. 1994 Jan;57(1):9-17.

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

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