



# 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

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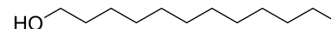
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## 1-Dodecanol

Cat. No.:	HY-Y0289
CAS No.:	112-53-8
Molecular Formula:	C <sub>12</sub> H <sub>26</sub> O
Molecular Weight:	186.33
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Store at room temperature 3 years
	In solvent -80°C 2 years
	-20°C 1 year



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (536.68 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	5.3668 mL	26.8341 mL	53.6682 mL
			5 mM	1.0734 mL	5.3668 mL	10.7336 mL
		10 mM	0.5367 mL	2.6834 mL	5.3668 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.42 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.42 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.42 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	1-Dodecanol is an endogenous metabolite.	
IC <sub>50</sub> & Target	Microbial Metabolite	Human Endogenous Metabolite

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

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