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Forschungsprodukte & Biochemikalien



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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

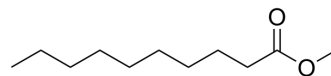
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Methyl decanoate

Cat. No.:	HY-W016172	
CAS No.:	110-42-9	
Molecular Formula:	C ₁₁ H ₂₂ O ₂	
Molecular Weight:	186.3	
Target:	Biochemical Assay Reagents	
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 (536.77 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.3677 mL	26.8384 mL	53.6769 mL
		5 mM	1.0735 mL	5.3677 mL	10.7354 mL
10 mM		0.5368 mL	2.6838 mL	5.3677 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> 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 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 				

BIOLOGICAL ACTIVITY

Description	Methyl decanoate is a class of esters consisting of medium-chain fatty acids, capric acid, esterified with methanol. The compound has a fruity smell and is commonly used as a flavoring in foods such as baked goods, candy and beverages.
In Vitro	<p>Methyl decanoate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

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