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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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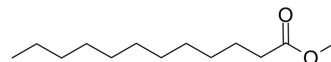
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Methyl laurate

Cat. No.:	HY-W004286		
CAS No.:	111-82-0		
Molecular Formula:	C ₁₃ H ₂₆ O ₂		
Molecular Weight:	214		
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 (467.29 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.6729 mL	23.3645 mL	46.7290 mL
5 mM	0.9346 mL	4.6729 mL	9.3458 mL
10 mM	0.4673 mL	2.3364 mL	4.6729 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 (11.68 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.68 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.68 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Methyl laurate, a 12-carbon saturated fatty acid, is an esterified version of lauric acid^[1].

REFERENCES

[1]. YongWang, et al. Comparison of two different processes to synthesize biodiesel by waste cooking oil. Journal of Molecular Catalysis A: Chemical. Volume 252, Issues

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

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