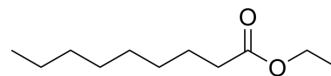


Ethyl nonanoate

Cat. No.:	HY-129623		
CAS No.:	123-29-5		
Molecular Formula:	C ₁₁ H ₂₂ O ₂		
Molecular Weight:	186.29		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 (536.80 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.3680 mL	26.8399 mL	53.6797 mL
	5 mM	1.0736 mL	5.3680 mL	10.7359 mL
	10 mM	0.5368 mL	2.6840 mL	5.3680 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 (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
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (13.42 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Ethyl nonanoate is a rich ester in spirits and its presence is commonly related to the pleasant fruity bouquet of alcoholic beverages. Ethyl nonanoate is an endogenous metabolite^[1].

REFERENCES

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