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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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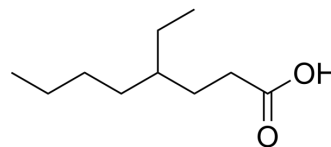
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4-Ethyl octanoic acid

Cat. No.:	HY-W015307		
CAS No.:	16493-80-4		
Molecular Formula:	C ₁₀ H ₂₀ O ₂		
Molecular Weight:	172.27		
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 (580.48 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.8048 mL	29.0242 mL	58.0484 mL
		5 mM	1.1610 mL	5.8048 mL	11.6097 mL
10 mM		0.5805 mL	2.9024 mL	5.8048 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.51 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.51 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	4-Ethyl octanoic acid is a natural compound first isolated from <i>Saussurea lappa</i> Clarke, widely used as a safe flavoring compound and acts as food additive ^[1] .
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REFERENCES

[1]. Liu YP, et al. Rapid synthesis of flavor compound 4-ethyl octanoic acid under microwave irradiation. *Int J Mol Sci.* 2010 Oct 25;11(10):4165-74.

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

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