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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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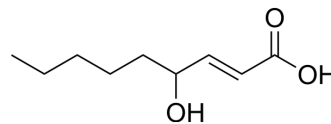
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trans-4-Hydroxy-2-nonenic acid

Cat. No.:	HY-N10923
CAS No.:	95087-42-6
Molecular Formula:	C ₉ H ₁₆ O ₃
Molecular Weight:	172.22
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (580.65 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.8065 mL	29.0326 mL	58.0653 mL
		5 mM	1.1613 mL	5.8065 mL	11.6131 mL
		10 mM	0.5807 mL	2.9033 mL	5.8065 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: ≥ 7 mg/mL (40.65 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 7 mg/mL (40.65 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	trans-4-Hydroxy-2-nonenic acid (compound 4) is a nature product that could be isolated from the genus <i>Pottsia</i> ^[1] .
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REFERENCES

[1]. Hua ML, et, al. Chemical constituents of the roots of *Pottsia laxiflora*. Chemistry of Natural Compounds volume. 2013 Feb 17;48:1004-7.

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

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