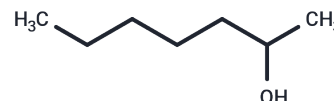


2-Heptanol

Chemical Properties

CAS No. :	543-49-7
Formula:	C ₇ H ₁₆ O
Molecular Weight:	116.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2-Heptanol (s-Heptyl alcohol) is a chemical compound found in the essential oil extracted from the rhizome of <i>Curcuma angustifolia</i> and <i>Curcuma zedoaria</i> . The rhizome essential oil demonstrates noteworthy antimicrobial and antioxidant properties.
Targets(IC50)	Antioxidant,Antibacterial

Solubility Information

Solubility	DMSO: 90 mg/mL (774.5 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.6059 mL	43.0293 mL	86.0585 mL
5 mM	1.7212 mL	8.6059 mL	17.2117 mL
10 mM	0.8606 mL	4.3029 mL	8.6059 mL
50 mM	0.1721 mL	0.8606 mL	1.7212 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Sudipta Jena, et al. Deeper insight into the volatile profile of essential oil of two *Curcuma* species and their antioxidant and antimicrobial activities. *Industrial Crops and Products*. Volume 155, 1 November 2020, 112830.

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