

1-Nonadecanol

Chemical Properties

CAS No. :	1454-84-8
Formula:	C ₁₉ H ₄₀ O
Molecular Weight:	284.52
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	1-Nonadecanol is a saturated fatty alcohol. 1-Nonadecanol is one of the compositions of supercritical carbon dioxide (SC-CO ₂) essential oil of <i>Heracleum thomsonii</i> . 1-Nonadecanol is also an important aroma compound in <i>Neotinea ustulata</i> .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5147 mL	17.5735 mL	35.1469 mL
5 mM	0.7029 mL	3.5147 mL	7.0294 mL
10 mM	0.3515 mL	1.7573 mL	3.5147 mL
50 mM	0.0703 mL	0.3515 mL	0.7029 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

D'Auria M , Fascetti S , Racioppi R , et al. Orchids from Basilicata: The Scent[M]. 2020.

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