

5-methylnonan-5-ol

Chemical Properties

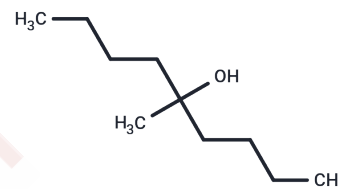
CAS No. : 33933-78-7

Formula: C₁₀H₂₂O

Molecular Weight: 158.28

Keep away from moisture, Store under nitrogen
 Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	5-methylnonan-5-ol (5-methyl-5-nonanol) is an intermediate in the production of 5-nonanol-5-methyl-5-methacrylate and is a volatile substance in the endophyte MC_25L of orange leaves.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3179 mL	31.5896 mL	63.1792 mL
5 mM	1.2636 mL	6.3179 mL	12.6358 mL
10 mM	0.6318 mL	3.159 mL	6.3179 mL
50 mM	0.1264 mL	0.6318 mL	1.2636 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

Besada, C., Salvador, A., Sdiri, S. et al. A combination of physiological and chemometrics analyses reveals the main associations between quality and ripening traits and volatiles in two loquat cultivars. *Metabolomics* 9, 324-336 (2013).

Lu C, et al. Novel distance-based atom-type topological indices DAI for QSPR/QSAR studies of alcohols. *J Mol Model.* 2006 Sep;12(6):749-56.

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