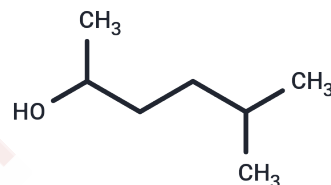


5-Methyl-2-Hexanol

Chemical Properties

CAS No. :	627-59-8
Formula:	C7H16O
Molecular Weight:	116.2
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	5-Methyl-2-Hexanol is a non-crystallizable secondary alcohol used as an internal standard for ultrasonic-assisted extraction of aroma compounds from grape brandies and aqueous-alcoholic wood extracts.
Targets(IC50)	Others

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.

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

Gabriel J, et al. Nature of the Debye-Process in Monohydroxy Alcohols: 5-Methyl-2-Hexanol Investigated by Depolarized Light Scattering and Dielectric Spectroscopy. Phys Rev Lett. 2018 Jul 20;121(3):035501.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481