

4-Octanol

Chemical Properties

CAS No. : 589-62-8

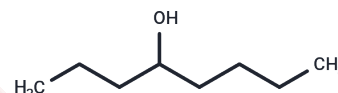
Formula: C₈H₁₈O

Molecular Weight: 130.23

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-Octanol is an alcohol compound suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.6787 mL	38.3936 mL	76.7872 mL
5 mM	1.5357 mL	7.6787 mL	15.3574 mL
10 mM	0.7679 mL	3.8394 mL	7.6787 mL
50 mM	0.1536 mL	0.7679 mL	1.5357 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

- Li H, Qin D, Wu Z, Sun B, Sun X, Huang M, Sun J, Zheng F. Characterization of key aroma compounds in Chinese Guojing sesame-flavor Baijiu by means of molecular sensory science. Food Chem. 2019 Jun 30;284:100-107.
- Xiong Y, et al. Comparison of the phenolic contents, antioxidant activity and volatile compounds of different sorghum varieties during tea processing. J Sci Food Agric. 2020 Feb;100(3):978-985.
- Wang Q, et al. Correlation analysis between aroma components and microbial communities in Wuliangye-flavor raw liquor based on HS-SPME/LLME-GC-MS and PLFA. Food Res Int. 2021 Feb;140:109995.

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