

(R)-(-)-2-Octanol

Chemical Properties

CAS No. : 5978-70-1

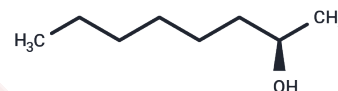
Formula: C₈H₁₈O

Molecular Weight: 130.23

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	(R)-(-)-2-Octanol is the R-enantiomer of octan-2-ol. Octan-2-ol is involved in the production of nanomaterials and liquid crystal materials.
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

Zhou J, et al. Co-immobilized Alcohol Dehydrogenase and Glucose Dehydrogenase with Resin Extraction for Continuous Production of Chiral Diaryl Alcohol. Appl Biochem Biotechnol. 2021 Sep;193(9):2742-2758.

Ohnuki T, et al. Dynamic coordination of the perirhinal cortical neurons supports coherent representations between task epochs. Commun Biol. 2020 Jul 30;3(1):406.

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