

3-Hexenal

Chemical Properties

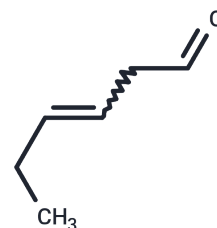
CAS No. : 4440-65-7

Formula: C₆H₁₀O

Molecular Weight: 98.14

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	3-Hexenal is an unsaturated aldehyde widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.1895 mL	50.9476 mL	101.8953 mL
5 mM	2.0379 mL	10.1895 mL	20.3791 mL
10 mM	1.019 mL	5.0948 mL	10.1895 mL
50 mM	0.2038 mL	1.019 mL	2.0379 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

Chen J, et al. Osa-miR162a Enhances the Resistance to the Brown Planthopper via α -Linolenic Acid Metabolism in Rice (*Oryza sativa*). *J Agric Food Chem.* 2023 Aug 9;71(31):11847-11859.

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