

Pent-4-enal

Chemical Properties

CAS No. : 2100-17-6

Formula: C₅H₈O

Molecular Weight: 84.12

Storage: Store at low temperature
 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	Pent-4-enal is an organic compound containing a carbon-carbon double bond and an aldehyde group, which is commonly used in biochemical experiments and the preparation of fragrances, and can be used as an intermediate in organic synthesis for the preparation of other compounds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.8878 mL	59.4389 mL	118.8778 mL
5 mM	2.3776 mL	11.8878 mL	23.7756 mL
10 mM	1.1888 mL	5.9439 mL	11.8878 mL
50 mM	0.2378 mL	1.1888 mL	2.3776 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

Altiti AS, Mootoo DR. Synthesis of C-Glycoinositols from C-Glycosylcrotylstannanes. J Org Chem. 2018 Jun 15;83(12): 6534-6540.

Guo Z, et al. Bis(sulfonylimide)ruthenium(VI) porphyrins: X-ray crystal structure and mechanism of C-H bond amination by density functional theory calculations. Chemistry. 2013 Aug 19;19(34):11320-31.

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