

Heptadecanal

Chemical Properties

CAS No. : 629-90-3

Formula: C17H34O

Molecular Weight: 254.45



Store at low temperature

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	Heptadecanal is a long-chain aliphatic aldehyde commonly used in flavor preparation, organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.930 mL	19.6502 mL	39.3005 mL
5 mM	0.786 mL	3.930 mL	7.8601 mL
10 mM	0.393 mL	1.965 mL	3.930 mL
50 mM	0.0786 mL	0.393 mL	0.786 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

Schulze LJ, et al. Molecular-Sensory Decoding of the Citrus latifolia Aroma. J Agric Food Chem. 2024 Jul 3;72(26): 14874-14886.

Mezzar S, et al. RP-HPLC-fluorescence analysis of aliphatic aldehydes: application to aldehyde-generating enzymes HACL1 and SGPL1. J Lipid Res. 2014 Mar;55(3):573-82.

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