

Tridecanal

Chemical Properties

CAS No. : 10486-19-8

Formula: C₁₃H₂₆O

Molecular Weight: 198.35

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	Tridecanal (Tridecyl aldehyde) is a straight chain molecule containing an aldehyde group and is commonly used in flavor preparation, organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0416 mL	25.208 mL	50.4159 mL
5 mM	1.0083 mL	5.0416 mL	10.0832 mL
10 mM	0.5042 mL	2.5208 mL	5.0416 mL
50 mM	0.1008 mL	0.5042 mL	1.0083 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

Api AM, et al. RIFM fragrance ingredient safety assessment, tridecanal, CAS registry number 10486-19-8. Food Chem Toxicol. 2025 Mar;197 Suppl 1:115180.

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