

10-Undecenal

Chemical Properties

CAS No. : 112-45-8

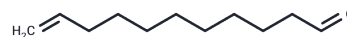
Formula: C₁₁H₂₀O

Molecular Weight: 168.28

Store under nitrogen

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

10-Undecenal is comprised of an 11-carbon chain featuring a double bond between the 9th and 10th carbon atoms, along with an aldehyde group connected to the 1st carbon atom. The compound exudes an irritant or fatty aroma and is commonly utilized as a flavoring agent in products such as baked goods, confections, and beverages.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9425 mL	29.7124 mL	59.4248 mL
5 mM	1.1885 mL	5.9425 mL	11.885 mL
10 mM	0.5942 mL	2.9712 mL	5.9425 mL
50 mM	0.1188 mL	0.5942 mL	1.1885 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.

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