

2-Hexadecenoic acid

Chemical Properties

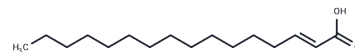
CAS No. : 629-56-1

Formula: C16H30O2

Molecular Weight: 254.41

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	2-Hexadecenoic acid is a natural unsaturated fatty acid commonly found in various animal and plant tissues, particularly in adipose tissue and certain plant oils like macadamia oil. Its distinctive chemical properties make it an important component of cell membranes and storage lipids, playing a role in lipid metabolism and inflammation-related processes. Additionally, it is associated with potential health benefits, such as improved insulin sensitivity and a reduced risk of heart disease.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9307 mL	19.6533 mL	39.3066 mL
5 mM	0.7861 mL	3.9307 mL	7.8613 mL
10 mM	0.3931 mL	1.9653 mL	3.9307 mL
50 mM	0.0786 mL	0.3931 mL	0.7861 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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