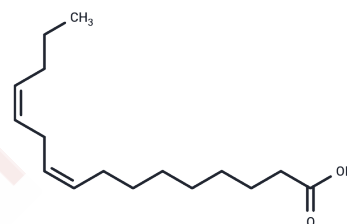


## cis-9,12-Hexadecadienoic acid

## Chemical Properties

CAS No. :	5070-03-1
Formula:	C16H28O2
Molecular Weight:	252.39
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	Cis-9,12-Hexadecadienoic acid is a polyunsaturated fatty acid that plays a role in regulating the physical properties of cell membranes. Its presence enhances membrane fluidity and flexibility. Within biological systems, Cis-9,12-Hexadecadienoic acid participates in various physiological processes, affecting cell signaling and the stability of membrane structures.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9621 mL	19.8106 mL	39.6212 mL
5 mM	0.7924 mL	3.9621 mL	7.9242 mL
10 mM	0.3962 mL	1.9811 mL	3.9621 mL
50 mM	0.0792 mL	0.3962 mL	0.7924 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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