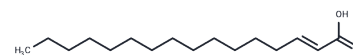


Δ^2 -trans-Hexadecenoic Acid

Chemical Properties

CAS No. :	929-79-3
Formula:	C16H30O2
Molecular Weight:	254.4
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	Cismonoenoic acids form readily from unsaturated fatty acids in animal tissues, with palmitoleic acid (9-cis-hexadecenoic acid) deriving from palmitic acid. An intermediate, 1 Δ^2 -trans-hexadecenoic acid, arises during the β -oxidation of palmitic acid. Furthermore, Δ^2 -trans-hexadecenoic acid, at a dose of 10 mg/kg, significantly reduces gastric juice secretion in pylorus-ligated rats, indicating potential for gastric ulceration simulation models.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9308 mL	19.6541 mL	39.3082 mL
5 mM	0.7862 mL	3.9308 mL	7.8616 mL
10 mM	0.3931 mL	1.9654 mL	3.9308 mL
50 mM	0.0786 mL	0.3931 mL	0.7862 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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