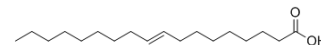


Elaidic acid

Cat. No.:	HY-113016		
CAS No.:	112-79-8		
Molecular Formula:	C ₁₈ H ₃₄ O ₂		
Molecular Weight:	282.46		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 13.5 mg/mL (47.79 mM; Need ultrasonic)				
	H ₂ O : < 0.1 mg/mL (insoluble)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.5403 mL	17.7016 mL	35.4032 mL
	5 mM	0.7081 mL	3.5403 mL	7.0806 mL	
	10 mM	0.3540 mL	1.7702 mL	3.5403 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5.5 mg/mL (19.47 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Elaidic acid is the major trans fat found in hydrogenated vegetable oils and can be used as a pharmaceutical solvent.
IC ₅₀ & Target	Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA