

Ethyl erucate

Chemical Properties

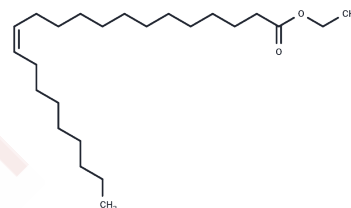
CAS No. : 37910-77-3

Formula: C₂₄H₄₆O₂

Molecular Weight: 366.62

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl erucate (Ethyl docos-13-enoate) increases cone demethylation in rat liver microsomes and stimulates phagocytic activity of the rat reticuloendothelial system.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7276 mL	13.6381 mL	27.2762 mL
5 mM	0.5455 mL	2.7276 mL	5.4552 mL
10 mM	0.2728 mL	1.3638 mL	2.7276 mL
50 mM	0.0546 mL	0.2728 mL	0.5455 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.

Reference

Pina-Martinez, A., Juntarachat, N., Privat, R. et al. Design of Hybrid Fuels Using a Modeling Study of the Miscibility of Ethanol-Biodiesel-Hydrocarbon Systems. *Int J Thermophys* 37, 23 (2016).

Shi, J., Wang, J., Gao, Y. et al. Extraction of nervonic acid from *Acer truncatum* oil by urea inclusion. *Chem. Pap.* 77, 5701-5711 (2023).

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