

Ethyl palmitoleate

Chemical Properties

CAS No. : 56219-10-4

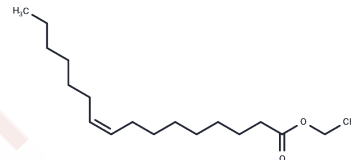
Formula: C₁₈H₃₄O₂

Molecular Weight: 282.46

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl palmitoleate (ethyl (Z)-hexadec-9-enoate) is an unsaturated free fatty acid derivative.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5403 mL	17.7016 mL	35.4032 mL
5 mM	0.7081 mL	3.5403 mL	7.0806 mL
10 mM	0.354 mL	1.7702 mL	3.5403 mL
50 mM	0.0708 mL	0.354 mL	0.7081 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

Windarsih, A., Arifah, M.F., Utami, I.D. et al. Detection of goat milk adulteration in horse milk using LC-HRMS-based non-targeted metabolomics and chemometrics. Chem. Pap. 78, 809-821 (2024).

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481