

Ethyl heptadecanoate

Chemical Properties

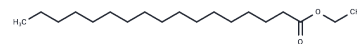
CAS No. : 14010-23-2

Formula: C₁₉H₃₈O₂

Molecular Weight: 298.5

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 heptadecanoate is a long alkanolate.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3501 mL	16.7504 mL	33.5008 mL
5 mM	0.670 mL	3.3501 mL	6.7002 mL
10 mM	0.335 mL	1.675 mL	3.3501 mL
50 mM	0.067 mL	0.335 mL	0.670 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

Tchuesssa, E.B.H., Ouédraogo, I.W.K., Richardson, Y. et al. Production of Biodiesel by Ethanolic Transesterification of Sunflower Oil on Lateritic Clay- based Heterogeneous Catalyst. Catal Lett 153, 2443-2455 (2023).

Rizqullah, H., et al. Temperature-swing transesterification for the coproduction of biodiesel and ethyl levulinate from spent coffee grounds. Korean J. Chem. Eng. 39, 2754-2763 (2022).

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