

Ethyl icosanoate

Chemical Properties

CAS No. : 18281-05-5

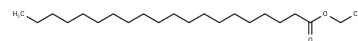
Formula: C₂₂H₄₄O₂

Molecular Weight: 340.58

Storage: Store at low temperature

Store at -80°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl icosanoate (Ethyl arachidate) is a compound extracted from the rectal glands of the female <i>B. correcta</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9362 mL	14.6808 mL	29.3617 mL
5 mM	0.5872 mL	2.9362 mL	5.8723 mL
10 mM	0.2936 mL	1.4681 mL	2.9362 mL
50 mM	0.0587 mL	0.2936 mL	0.5872 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

Asogwa, F.C., Apebende, C.G., Ugodi, G.W. et al. Anti-inflammatory, Immunomodulatory and DFT Evaluation of the Reactivity Indexes of Phytochemicals Isolated from *Harungana madagascariensis*. *Chemistry Africa* 6, 1349-1361 (2023).

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