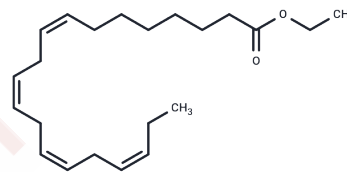


omega-3 Arachidonic acid ethyl ester

Chemical Properties

CAS No. :	123940-93-2
Formula:	C22H36O2
Molecular Weight:	332.52
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	omega-3 Arachidonic acid ethyl ester is a polyunsaturated fatty acid suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0073 mL	15.0367 mL	30.0734 mL
5 mM	0.6015 mL	3.0073 mL	6.0147 mL
10 mM	0.3007 mL	1.5037 mL	3.0073 mL
50 mM	0.0601 mL	0.3007 mL	0.6015 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

Simopoulos AP. Omega-3 fatty acids in health and disease and in growth and development. Am J Clin Nutr. 1991 Sep;54(3):438-63.

Muthubharathi BC, et al. Physiological and Metabolite Alterations Associated with Neuronal Signals of Caenorhabditis elegans during Cronobacter sakazakii Infections. ACS Chem Neurosci. 2021 Nov 17;12(22):4336-4349.

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