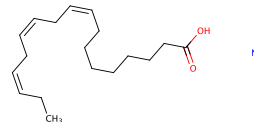


α -Linolenic Acid (sodium salt)

Chemical Properties

CAS No. :	822-18-4
Formula:	C ₁₈ H ₂₉ NaO ₂
Molecular Weight:	300.41
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	α -Linolenic acid (ALA) is an essential fatty acid found in leafy green vegetables. ALA, as part of a low saturated fat diet, helps prevent cardiovascular disease. ALA decreases blood pressure, serum cholesterol levels, and platelet aggregation.
Targets(IC50)	Others,Akt,PI3K

Solubility Information

Solubility	Ethanol:PBS(pH 7.2) (1:5): 0.5 mg/mL (1.66 mM),Sonication is recommended. Ethanol: 1.5 mg/mL (4.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3288 mL	16.6439 mL	33.2878 mL
5 mM	0.6658 mL	3.3288 mL	6.6576 mL
10 mM	0.3329 mL	1.6644 mL	3.3288 mL
50 mM	0.0666 mL	0.3329 mL	0.6658 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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