

## Linoleate sodium

## Chemical Properties

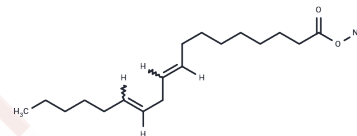
CAS No. : 822-17-3

Formula: C<sub>18</sub>H<sub>31</sub>NaO<sub>2</sub>

Molecular Weight: 302.4273

Storage: Store under nitrogen, Keep away from moisture  
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	Linoleate sodium is an orally active regulator of IL8 mediated by JNK and NF-κB pathways. It can alter the composition of fatty acids and the production of metabolites within cells. Additionally, Linoleate sodium exhibits anti-inflammatory, immunomodulatory properties and influences tumor cell growth.
Targets(IC50)	NF-κB, Interleukin, JNK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3066 mL	16.5328 mL	33.0655 mL
5 mM	0.6613 mL	3.3066 mL	6.6131 mL
10 mM	0.3307 mL	1.6533 mL	3.3066 mL
50 mM	0.0661 mL	0.3307 mL	0.6613 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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