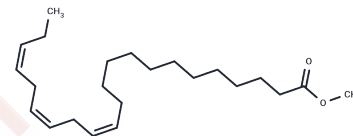


## Methyl (13Z,16Z,19Z)-docosatrienoate

## Chemical Properties

CAS No. :	108698-01-7
Formula:	C <sub>23</sub> H <sub>40</sub> O <sub>2</sub>
Molecular Weight:	348.56
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	cis-13,16,19-Docosatrienoic acid methyl ester is an ester form of docosatrienoic acid, a rare $\omega$ -3 fatty acid. This compound is not easily detectable in the normal phospholipid polyunsaturated fatty acid pool and at a concentration of 5 $\mu$ M, it inhibits the binding of [3H]-LTB <sub>4</sub> to porcine neutrophils. The methyl ester form exhibits greater lipid solubility than the free acid, potentially making it more suitable for certain formulations.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8689 mL	14.3447 mL	28.6895 mL
5 mM	0.5738 mL	2.8689 mL	5.7379 mL
10 mM	0.2869 mL	1.4345 mL	2.8689 mL
50 mM	0.0574 mL	0.2869 mL	0.5738 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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