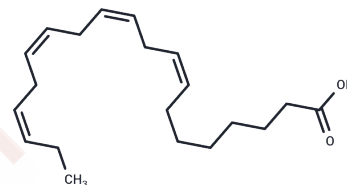


$\omega$ -3 Arachidonic acid

## Chemical Properties

CAS No. :	24880-40-8
Formula:	C <sub>20</sub> H <sub>32</sub> O <sub>2</sub>
Molecular Weight:	304.47
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	$\omega$ -3 Arachidonic acid, a poly fatty acid essential for infant growth and development, inhibits arachidenol-CoA synthetase with Ki values of 14 $\mu$ M and shows an IC <sub>50</sub> of approximately 5 $\mu$ M in calf brain extract [1] [2].
Targets(IC <sub>50</sub> )	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2844 mL	16.422 mL	32.844 mL
5 mM	0.6569 mL	3.2844 mL	6.5688 mL
10 mM	0.3284 mL	1.6422 mL	3.2844 mL
50 mM	0.0657 mL	0.3284 mL	0.6569 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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