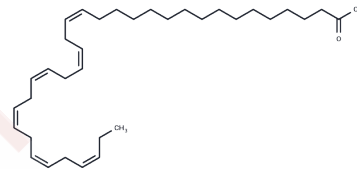


Hexaenoic acid

Chemical Properties

CAS No. :	105528-06-1
Formula:	C34H56O2
Molecular Weight:	496.81
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	Very-long-chain polyunsaturated fatty acids (VLCPUFA) are crucial components of ceramides and sphingomyelins, found in the retina, sperm, and brain. The compound 14-cis-16(Z),19(Z),22(Z),25(Z),28(Z),31(Z)-hexaenoic acid is a C34:6 VLCPUFA, with its specific biological functions remaining unclear. This VLCPUFA, along with others, has been studied for its potential in activating protein kinase C.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0128 mL	10.0642 mL	20.1284 mL
5 mM	0.4026 mL	2.0128 mL	4.0257 mL
10 mM	0.2013 mL	1.0064 mL	2.0128 mL
50 mM	0.0403 mL	0.2013 mL	0.4026 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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