

Arachidic acid-D39

Chemical Properties

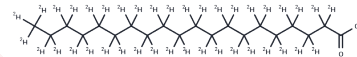
CAS No. : 39756-32-6

Formula: C₂₀H₄₀O₂

Molecular Weight: 351.77

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	Arachidic acid-D39 is the deuterated form of Arachidic acid (T4775). Arachidonic acid (Icosanoic acid) is a long-chain fatty acid found in all mammalian cells, typically esterified in membrane phospholipids, and is one of the most abundant polyunsaturated fatty acids in human tissues.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8428 mL	14.2138 mL	28.4277 mL
5 mM	0.5686 mL	2.8428 mL	5.6855 mL
10 mM	0.2843 mL	1.4214 mL	2.8428 mL
50 mM	0.0569 mL	0.2843 mL	0.5686 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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