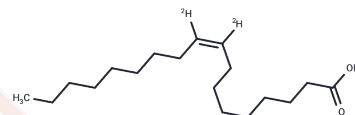


Oleic acid-D2

Chemical Properties

CAS No. : 5711-29-5
 Formula: C₁₈H₃₄O₂
 Molecular Weight: 284.47
 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	Oleic acid-D2 is the deuterated form of Oleic acid (TMSM-1809). Oleic Acid (9-cis-Octadecenoic acid) is the most prevalent monounsaturated fatty acid found in human adipose tissues and other structures. Additionally, Oleic Acid acts as a Na ⁺ /K ⁺ ATPase activator.
Targets(IC50)	Apoptosis,ATPase,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5153 mL	17.5765 mL	35.1531 mL
5 mM	0.7031 mL	3.5153 mL	7.0306 mL
10 mM	0.3515 mL	1.7577 mL	3.5153 mL
50 mM	0.0703 mL	0.3515 mL	0.7031 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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