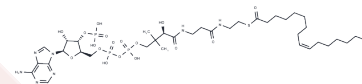


Palmitoleoyl-CoA

Chemical Properties

CAS No. :	18198-76-0
Formula:	C37H64N7O17P3S
Molecular Weight:	1003.93
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	Palmitoleoyl-CoA can be activated and transported to the mitochondria for metabolism, particularly for β -oxidation. It can induce changes in the permeability of cardiac mitochondrial membranes, leading to mitochondrial dysfunction. Additionally, palmitoleoyl-CoA regulates metabolism through allosteric control of the AMPK β 1-isoform.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9961 mL	4.9804 mL	9.9609 mL
5 mM	0.1992 mL	0.9961 mL	1.9922 mL
10 mM	0.0996 mL	0.498 mL	0.9961 mL
50 mM	0.0199 mL	0.0996 mL	0.1992 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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