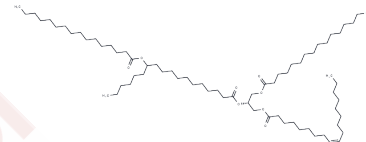


1-Palmitoyl-2-12-PAHSA-3-Oleoyl-sn-glycerol

Chemical Properties

CAS No. :	2456348-64-2
Formula:	C71H134O8
Molecular Weight:	1115.82
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	1-Palmitoyl-2-12-PAHSA-3-oleoyl-sn-glycerol, an endogenous triacylglycerol, comprises palmitic acid (at the sn-1 position), the fatty acid ester of hydroxy fatty acids (FAHFA), 12-PAHSA (at the sn-2 position), and oleic acid (at the sn-3 position). Identified in the lipid extract of mouse adipose tissue, this triacylglycerol demonstrates that levels of FAHFA-containing triacylglycerols are over 100-fold higher than those of non-esterified FAHFAs, suggesting their role as intracellular storage reservoirs for FAHFAs.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8962 mL	4.481 mL	8.962 mL
5 mM	0.1792 mL	0.8962 mL	1.7924 mL
10 mM	0.0896 mL	0.4481 mL	0.8962 mL
50 mM	0.0179 mL	0.0896 mL	0.1792 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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