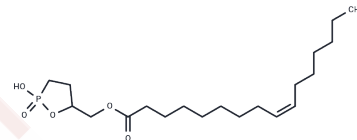


Palmitoleoyl 3-carbacyclic phosphatidic acid

Chemical Properties

CAS No. : 910228-13-6
 Formula: C₂₀H₃₇O₅P
 Molecular Weight: 388.48
 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 3-carbacyclic phosphatidic acid (3ccPA 16:1) serves as a moderately effective autotaxin (ATX) inhibitor, exhibiting an IC ₅₀ value of 620 nM. This compound finds utility in melanoma research[1].
Targets(IC ₅₀)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5741 mL	12.8707 mL	25.7414 mL
5 mM	0.5148 mL	2.5741 mL	5.1483 mL
10 mM	0.2574 mL	1.2871 mL	2.5741 mL
50 mM	0.0515 mL	0.2574 mL	0.5148 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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