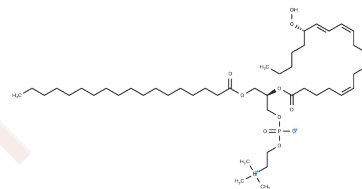


1-Stearoyl-2-15(S)-HpETE-sn-glycero-3-PC

Chemical Properties

CAS No. :	154436-48-3
Formula:	C46H84NO10P
Molecular Weight:	842.149
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-Stearoyl-2-15(S)-HpETE-sn-glycero-3-PC is a phospholipid that contains stearic acid at the sn-1 position and 15(S)-HpETE at the sn-2 position. It is produced via oxidation of 1-stearoyl-2-arachidonoyl-sn-glycero-3-PC by 15-lipoxygenase (15-LO). 1-Stearoyl-2-15(S)-HpETE-sn-glycero-3-PC is toxic to human umbilical vein endothelial cells (HUVECs) when used at a concentration of 100 μ M.
Targets(IC50)	Others,ROS

Solubility Information

Solubility	Ethanol:PBS (pH 7.2)(1:2): 0.3 mg/mL (0.36 mM),Sonication is recommended. Ethanol: 30 mg/mL (35.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1874 mL	5.9372 mL	11.8744 mL
5 mM	0.2375 mL	1.1874 mL	2.3749 mL
10 mM	0.1187 mL	0.5937 mL	1.1874 mL
50 mM	0.0237 mL	0.1187 mL	0.2375 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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