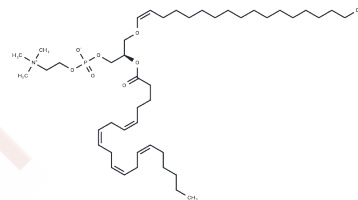


1-1(Z)-Octadecenyl-2-arachidonoyl-sn-glycero-3-PC

Chemical Properties

CAS No. : 97802-56-7
 Formula: C₄₆H₈₄N₀O₇P
 Molecular Weight: 794.14
 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	1-1(Z)-Octadecenyl-2-arachidonoyl-sn-glycero-3-PC (C18(plasm)-20:4-PC; 18:0p/20:4-PC) is a plasmalogen phospholipid featuring 1(Z)-octadecenoic acid and arachidonic acid at the sn-1 and sn-2 positions, respectively. It acts as a scavenger for singlet oxygen in cell-free assays.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2592 mL	6.2961 mL	12.5922 mL
5 mM	0.2518 mL	1.2592 mL	2.5184 mL
10 mM	0.1259 mL	0.6296 mL	1.2592 mL
50 mM	0.0252 mL	0.1259 mL	0.2518 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481