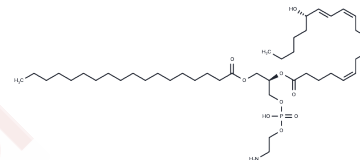


## 1-Stearoyl-2-15(S)-HETE-sn-glycero-3-PE

### Chemical Properties

CAS No. :	947381-58-0
Formula:	C43H78NO9P
Molecular Weight:	784.05
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)-HETE-sn-glycero-3-PE is a phospholipid containing stearic acid at the sn-1 position and 15(S)-HETE at the sn-2 position, formed in human peripheral monocytes activated by the calcium ionophore A23187 through direct oxidation of 1-stearoyl-2-arachidonoyl-sn-glycero-3-PE by 15-LO. Phosphoethanolamine (PE) HETEs (PE-HETEs), including 1-stearoyl-2-15(S)-HETE-sn-glycero-3-PE, are the main source of esterified HETE in ionophore-activated monocytes.
Targets(IC50)	Others,Endogenous Metabolite

### Solubility Information

Solubility	Ethanol: 30 mg/mL (38.26 mM),Sonication is recommended. Ethanol:PBS (pH 7.2)(1:2): 0.3 mg/mL (0.38 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	1.2754 mL	6.3771 mL	12.7543 mL
5 mM	0.2551 mL	1.2754 mL	2.5509 mL
10 mM	0.1275 mL	0.6377 mL	1.2754 mL
50 mM	0.0255 mL	0.1275 mL	0.2551 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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