

## Lyso-PAF C-16

## Chemical Properties

CAS No. : 52691-62-0

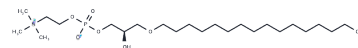
Formula: C<sub>24</sub>H<sub>52</sub>N<sub>6</sub>O<sub>6</sub>P

Molecular Weight: 481.65

Storage: Keep away from direct sunlight, Store at low temperature

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	Lyso-PAF C-16 is a substrate for PAF C-16, also obtainable via enzymatic acylation of arachidonic acid, suitable for biochemical experiments.
Targets(IC50)	Endogenous Metabolite, Phospholipase

## Solubility Information

Solubility	H <sub>2</sub> O: 15 mg/mL (31.14 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	2.0762 mL	10.381 mL	20.762 mL
5 mM	0.4152 mL	2.0762 mL	4.1524 mL
10 mM	0.2076 mL	1.0381 mL	2.0762 mL
50 mM	0.0415 mL	0.2076 mL	0.4152 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.

### Reference

Li Y, et al. Changes of lymph metabolites in a rat model of sepsis induced by cecal ligation and puncture. J Trauma Acute Care Surg. 2012 Dec;73(6):1545-52.

Venable ME, et al. Enzymatic studies of lyso platelet-activating factor acylation in human neutrophils and changes upon stimulation. J Biol Chem. 1993 Apr 15;268(11):7965-75.

Yamaura S, et al. Novel enzymatic method for assaying Lp-PLA2 in serum. Clin Chim Acta. 2018 Jun;481:184-188.

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