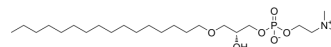


Lyso-PAF C-16

Cat. No.:	HY-141570
CAS No.:	52691-62-0
Molecular Formula:	C ₂₄ H ₅₂ NO ₆ P
Molecular Weight:	481.65
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (103.81 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0762 mL	10.3810 mL	20.7620 mL
	5 mM	0.4152 mL	2.0762 mL	4.1524 mL
	10 mM	0.2076 mL	1.0381 mL	2.0762 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Lyso-PAF C-16 is a substrate of lysoplasmalogen (LysoPLs)-specific phospholipase D (LysoPLD). Lyso-PAF C-16 selective acetylates with arachidonic acid^{[1][2]}.

REFERENCES

[1]. 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.

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

Caution: Product has not been fully validated for medical applications. For research use only.

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