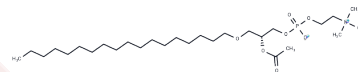


PAF C-18

Chemical Properties

CAS No. :	74389-69-8
Formula:	C ₂₈ H ₅₈ N ₇ O ₇ P
Molecular Weight:	551.74
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PAF C-18 is a naturally occurring phospholipid molecule belonging to the platelet-activating factor (PAF) family, which acts as an intercellular signaling molecule involved in platelet aggregation, vasodilatation, and inflammatory responses. PAF C-18 is involved in hemostasis and thrombosis by binding to its specific G-protein-coupled receptor (PAFR) and activating.
Targets(IC50)	PAFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8124 mL	9.0622 mL	18.1245 mL
5 mM	0.3625 mL	1.8124 mL	3.6249 mL
10 mM	0.1812 mL	0.9062 mL	1.8124 mL
50 mM	0.0362 mL	0.1812 mL	0.3625 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

Vargaftig BB, et al. Background and present status of research on platelet-activating factor (PAF-acether). Ann N Y Acad Sci. 1981;370:119-37.

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