
Product Data Sheet

Product Name: 1-Palmitoyl-2-(±)17(18)-EpETE-sn-glycero-3-PC

Cat. No.: GC42022

Chemical Properties

Cas. No.

SMILES O=C(CCCCCCCCCCCCCC)OC[C@@H](OC(CCC/C=C\C/C=C\C/C=C\C/C=C\C[C@@H]1[C@@H](O1)CC)=O)COP([O-])(OCC[N+](C)(C)C)=O

Formula	C ₄₄ H ₇₈ NO ₉ P	M.Wt	796.1
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Solubility	Ethanol: 25 mg/ml	Storage	Store at -20°C
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General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

1-Palmitoyl-2-(±)17(18)-EpETE-sn-glycero-3-PC is an ω-3 epoxidated eicosapentaenoic acid- and palmitic acid-containing form of phosphatidylcholine. 1-Palmitoyl-2-(±)17(18)-EpETE-sn-glycero-3-PC is hydrolyzed by type II platelet activating factor acetylhydrolase (PAF-AH2), but not mutant PAF-AH2 (S234C), to release (±)17(18)-EpETE .

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

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