
Product Data Sheet

Product Name: 1,2-Dipalmitoyl-sn-glycerol 3-phosphate

Cat. No.: GC33621

Chemical Properties

Cas. No. 7091-44-3

SMILES O=P(OC[C@H](OC(CCCCCCCCCCCCCC)=O)COC(CCCCCCCCCCCCCC)=O)(O)OFormula C₃₅H₆₉O₈P M.Wt 648.89

Solubility Soluble in DMSO Storage Store at -20°C

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**

1,2-Dipalmitoyl-sn-glycerol 3-phosphate is a phosphatidic acid.

[1]. Niedernberg A, et al. Sphingosine 1-phosphate and dioleoylphosphatidic acid are low affinity agonists for the orphan receptor GPR63. Cell Signal. 2003 Apr;15(4):435-46.

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

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