

Product Data Sheet

Product Name: Phosphorylcholine

Cat. No.: GC38835

Chemical Properties

Cas. No. 3616-04-4

SMILES O=P(OCC[N+](C)(C)C)(O)O

Formula $C_5H_{15}NO_4P$ M.Wt 184.15

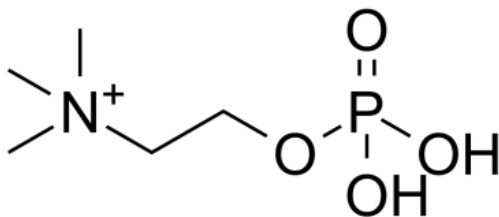
Solubility Water: 100 mg/mL (546.03 mM);
Ethanol: 4 mg/mL (21.84 mM);
DMSO: < 1 mg/mL (insoluble or slightly soluble)

Storage Store at 4°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

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

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Phosphatidylcholine is the main phospholipid component in eukaryotic biofilms. Phosphatidylcholine exists in commensal or pathogenic bacteria associated with eukaryotes in prokaryotes.

Phosphorylcholine exhibits a surprising range of immunomodulatory properties[1].

[1]. Harnett W, et al. Phosphorylcholine: friend or foe of the immune system• Immunol Today. 1999 Mar;20(3):125-9.

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