

Product Data Sheet

Product Name: PAz-PC
Cat. No.: GC44573

Chemical Properties

Cas. No. 117746-89-1

SMILES O=P([O-])(OCC[N+](C)(C)C)OC[C@H](OC(CCCCCCCC(O)=O)=O)COC(CCCCCCCCCCCCCCCC)=O

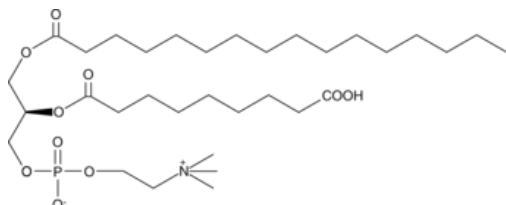
Formula C33H64NO10P M.Wt 665.8

Solubility DMF: 1 mg/ml, DMSO: 5 mg/ml, Ethanol: 30 mg/ml, PBS (pH 7.2): 5 mg/ml
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

Oxidized low-density lipoprotein (oxLDL) particles contain low molecular weight species which are cytotoxic and pro-atherogenic. Many of these substances were isolated and purified from oxLDL and identified as phosphatidylcholine species containing a fragmented, oxidized short-chain fatty acid remnant at the sn-2 position. PAz-PC is one of the predominant oxLDL species and may be one of the important structural determinants of oxLDL.

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

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