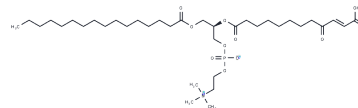


KDdiA-PC

Chemical Properties

CAS No. : 439904-34-4
 Formula: C₃₆H₆₆NO₁₁P
 Molecular Weight: 719.894
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Oxidized low-density lipoprotein (oxLDL) particles contain low molecular weight species which are cytotoxic and pro-atherogenic. Many of these substances were recently isolated and purified from oxLDL, and identified as phosphatidylcholine species containing a fragmented, oxidized short-chain fatty acid remnant at the sn-2 position. KDdiA-PC is one of the most potent CD36 ligands among the oxLDL species. KDdiA-PC confers CD-36 scavenger receptor binding affinity to LDL at a frequency of only two to three KDdiA-PC molecules/LDL particle, and may be one of the more important structural determinants of oxLDL.
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Solubility Information

Solubility	DMF: 0.5 mg/mL Ethanol: 30 mg/mL PBS (pH 7.2): 5 mg/mL DMSO: 0.5 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3891 mL	6.9455 mL	13.891 mL
5 mM	0.2778 mL	1.3891 mL	2.7782 mL
10 mM	0.1389 mL	0.6946 mL	1.3891 mL
50 mM	0.0278 mL	0.1389 mL	0.2778 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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