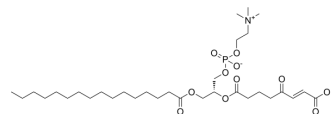


KOdiA-PC

Cat. No.:	HY-126726
CAS No.:	439904-33-3
Molecular Formula:	C ₃₂ H ₅₈ NO ₁₁ P
Molecular Weight:	663.78
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description

Oxidized low-density lipoprotein (oxLDL) particles contain low molecular weight species that are cytotoxic and proatherogenic. Many of these species were recently isolated and purified from oxLDL and identified as phosphatidylcholine species containing fragmented oxidized short-chain fatty acid residues at the sn-2 position. 1-(Palmitoyl)-2-(5-keto-6-octene-dioyl)phosphatidylcholine or KOdiA-PC is one of the most potent CD36 ligands of the oxLDL species. KOdiA-PC confers CD36 scavenger receptor binding affinity to LDL at a frequency of only 2 to 3 KOdiA-PC molecules/LDL particle and may be one of the more important structural determinants of oxLDL.

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

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