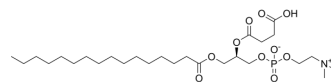


1-Palmitoyl-2-succinyl-sn-glycerophosphorylcholine

Cat. No.:	HY-154857
CAS No.:	89947-80-8
Molecular Formula:	C ₂₈ H ₅₄ NO ₁₀ P
Molecular Weight:	595.7
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	1-Palmitoyl-2-succinyl-sn-glycerophosphorylcholine is a glycerophosphorylcholine, consisting of glycerol phosphate, choline and palmitic acid. It accumulates in vivo at sites of oxidative stress. 1-Palmitoyl-2-succinyl-sn-glycerophosphorylcholine may be a ligand of scavenger receptors class B, while oxidized phospholipids oxPC(CD36) are potent ligands of scavenger receptors class B (CD36 and SR-BI). Oxidized phospholipids (oxPLs) also play an important role in tumor apoptosis, may be elevated in malignant biliary strictures ^{[1][2]} .
IC₅₀ & Target	CD36 ^[2]

REFERENCES

[1]. Navaneethan U, et al Lipidomic profiling of bile in distinguishing benign from malignant biliary strictures: a single-blinded pilot study. Am J Gastroenterol. 2014 Jun;109(6):895-902.

[2]. Gao D, et al. Structural basis for the recognition of oxidized phospholipids in oxidized low density lipoproteins by class B scavenger receptors CD36 and SR-BI. J Biol Chem. 2010 Feb 12;285(7):4447-54.

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

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