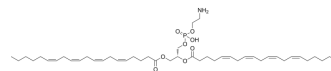


1,2-Diarachidonoyl-sn-glycero-3-phosphoethanolamine

Cat. No.:	HY-147071
CAS No.:	5634-86-6
Molecular Formula:	C ₄₅ H ₇₄ NO ₈ P
Molecular Weight:	788.04
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	1,2-Diarachidonoyl-sn-glycero-3-phosphoethanolamine (DAPE) is a phospholipid phosphatidylethanolamine. Unlike other phospholipid phosphatidylethanolamines, 1,2-Diarachidonoyl-sn-glycero-3-phosphoethanolamine has no significant effect on protein phosphatase PP2A activity and does not inhibit insulin-stimulated GLUT4 translocation ^[1] .
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REFERENCES

[1]. Tsuchiya A, et al. Dipalmitoleoylphosphoethanolamine as a PP2A enhancer obstructs insulin signaling by promoting Ser/Thr dephosphorylation of Akt. Cell Physiol Biochem. 2014;34(3):617-27.

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

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