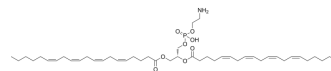


## 1,2-Diarachidonoyl-sn-glycero-3-phosphoethanolamine

Cat. No.:	HY-147071
CAS No.:	5634-86-6
Molecular Formula:	C <sub>45</sub> H <sub>74</sub> NO <sub>8</sub> P
Molecular Weight:	788.04
Target:	Others
Pathway:	Others
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<sup>[1]</sup>.

### 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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