

## 1,2-Diarachidoyl-sn-Glycero-3-Phosphatidylcholine

**Catalog Number:** LP-2157

**CAS Number:** 61596-53-0

**Price:** [Online Inquiry](#)

| Catalog Number | Price                          |
|----------------|--------------------------------|
| LP-2157        | <a href="#">Online Inquiry</a> |

| Product Information |   |
|---------------------|---|
| Molecular Formula   | C48H96NO8P  |
| Molecular Weight    | 846.25  |
| Purity              | >99%  |
| SMILES              | <chem>O=C(OCC(OC(=O)CCCCCCCCCCCCCCCCCCC)COP(=O)([O-])OCC[N+](C)(C)C)CCCCCCCCCCCCCCCCCCC</chem>  |
| InChi               | InChI=1S/C48H96NO8P/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-47(50)54-44-46(45-56-58(52,53)55-43-42-49(3,4)5)57-48(51)41-39-37-35-33-31-29-27-25-23-21-19-17-15-13-11-9-7-2/h46H,6-45H2,1-5H3/t46-/m1/s1  |
| InChi Key           | InChIKey=YKIOPDIXYAUOFN-YACUFSJGSA-N  |
| Alternate Name      | DAPC, 1,2-Diarachidoyl-sn-glycero-3-phosphatidylcholine, 3,5,9-Trioxa-4-phosphanacosan-1-aminium, 4-hydroxy-N,N [...],N-trimethyl-10-oxo-7-[(1-oxoeicosyl)oxy]-, inner salt, 4-oxide, (R)-, L- $\alpha$ -Diarachidinoyl lecithin, Diarachidoyl-3-phosphatidylcholine, 1,2-Diarachidoyl-sn-glycero-3-phosphocholine, (R)-2,3-Bis(icosanoyloxy)propyl (2-(trimethylammonio)ethyl) phosphate |
| Appearance          | Solid   |
| IUPAC Name          | 3,5,9-Trioxa-4-phosphanacosan-1-aminium, 4-hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxoeicosyl)oxy]-, inner salt, 4-oxide, (7R)-  |

| Properties         |         |
|--------------------|---------|
| Storage Conditions | Freezer |