

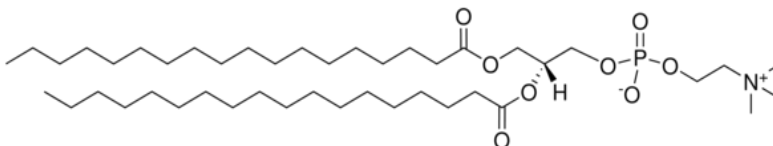
## 1,2-Distearoyl-sn-glycero-3-phosphorylcholine (DSPC)

Catalog Number	Packaging Size
LP005-1	500 mg
LP005-2	1 g

Storage upon receipt: -20°C

**1,2-Distearoyl-sn-glycero-3-phosphorylcholine (DSPC)** is a phospholipid containing the saturated long-chain (18:0) stearic acid inserted at the sn-1 and sn-2 positions. It has been used in combination with other lipids in the formation of lipid nanoparticles (LNPs). Formulations containing DSPC have been used in the development of lipid nanoparticles for the delivery of mRNA-based vaccines.

**For research use only.**



### Technical Information

<b>Formal Name:</b>	1,2-Distearoyl-sn-glycero-3-phosphorylcholine
<b>CAS Number:</b>	816-94-4
<b>Molecular Formula:</b>	C <sub>44</sub> H <sub>88</sub> NO <sub>8</sub> P
<b>Molecular Weight:</b>	790.2
<b>Purity:</b>	>99%
<b>Storage Condition:</b>	-20°C
<b>Shipping Condition:</b>	Room Temperature