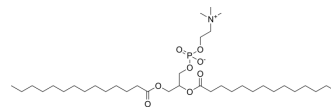


1,2-Dimyristoyl-rac-glycero-3-phosphocholine

| | |
|--------------------|--|
| Cat. No.: | HY-W142596 |
| CAS No.: | 18656-38-7 |
| Molecular Formula: | C ₃₆ H ₇₂ NO ₈ P |
| Molecular Weight: | 677.93 |
| Target: | Liposome |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | -20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



BIOLOGICAL ACTIVITY

Description

1,2-Dimyristoyl-rac-glycero-3-phosphocholine (DMPC), a zwitterionic phospholipid, is chosen as a simple eukaryotic cell membrane, mimicking the neutral charge of the surface membrane of eukaryotic plasma membranes^[1].

REFERENCES

[1]. Pinheiro M, et al. Antituberculosis Drug Interactions with Membranes: A Biophysical Approach Applied to Bedaquiline. *Membranes (Basel)*. 2019;9(11):141. Published 2019 Oct 30. doi:10.3390/membranes9110141

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

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