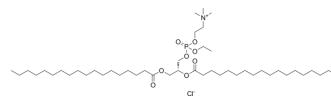


## 18:0 EPC chloride

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-144019   |
| CAS No.:           | 328268-13-9   |
| Molecular Formula: | C <sub>46</sub> H <sub>93</sub> ClNO <sub>8</sub> P                                       |
| Molecular Weight:  | 854.66  |
| Target:            | Liposome  |
| Pathway:           | Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

18:0 EPC chloride is a synthetic cationic phospholipid. 18:0 EPC chloride (at the critical synergistic concentrations of 2.34-2.93 μM) significantly improves the inactivation effect of eugenol against *Escherichia coli*<sup>[1]</sup>.

### REFERENCES

[1]. Zhang H, et al. Critical Synergistic Concentration of Lecithin Phospholipids Improves the Antimicrobial Activity of Eugenol against *Escherichia coli*. *Appl Environ Microbiol.* 2017 Oct 17;83(21):e01583-17.

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

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