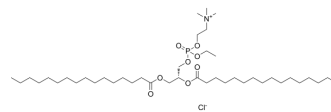


## 16:0 EPC chloride

Cat. No.:	HY-144016
CAS No.:	328250-18-6
Molecular Formula:	C <sub>42</sub> H <sub>85</sub> ClNO <sub>8</sub> P
Molecular Weight:	798.55
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

16:0 EPC chloride, a P-O-ethyl derivative, is a saturated cationic lipid. 16:0 EPC chloride can serve as a DNA and RNA transfecting agent. 16:0 EPC chloride can be used as a co-adjuvant for preparing vaccines and promote drug delivery<sup>[1]</sup>.

### REFERENCES

[1]. Pungente M . Correlation Of Lipoplex Morphology And Transfection Efficacy For Pyridinium-Based Cationic Lipids By Means Of Synchrotron Small Angle X-Ray Diffraction. 2013.

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

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