



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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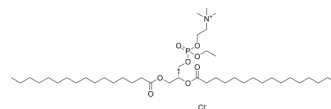
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16:0 EPC chloride

Cat. No.:	HY-144016
CAS No.:	328250-18-6
Molecular Formula:	C ₄₂ H ₈₅ ClNO ₈ P
Molecular Weight:	798.55
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)



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 25 mg/mL (31.31 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.2523 mL	6.2613 mL	12.5227 mL
	5 mM	0.2505 mL	1.2523 mL	2.5045 mL
	10 mM	0.1252 mL	0.6261 mL	1.2523 mL

Please refer to the solubility information to select the appropriate solvent.

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^[1].

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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