



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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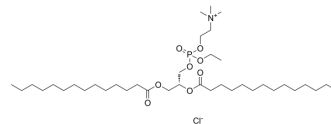
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14:0 EPC chloride

Cat. No.:	HY-144021
CAS No.:	186492-53-5
Molecular Formula:	C ₃₈ H ₇₇ ClNO ₈ P
Molecular Weight:	742.45
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	4°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

DMSO : 100 mg/mL (134.69 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.3469 mL	6.7345 mL	13.4689 mL
	5 mM		0.2694 mL	1.3469 mL	2.6938 mL
	10 mM		0.1347 mL	0.6734 mL	1.3469 mL

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

BIOLOGICAL ACTIVITY

Description

14:0 EPC chloride is an acyl cationic lipid that can be used for liposomes applied in drug delivery^[1].

REFERENCES

[1]. William P D Goldring, et al. Novel macrocyclic and acyclic cationic lipids for gene transfer: synthesis and in vitro evaluation. Bioorg Med Chem Lett. 2012 Jul 15;22(14):4686-92.

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

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