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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

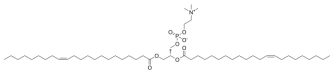
mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

1,2-Dierucoyl-sn-glycero-3-phosphocholine

Cat. No.:	HY-W127499
CAS No.:	51779-95-4
Molecular Formula:	$C_{52}H_{100}NO_8P$
Molecular Weight:	898.33
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	1,2-Dierucoyl-sn-glycero-3-phosphocholine (DEPC) is the composition of liposome membrane. 1,2-Dierucoyl-sn-glycero-3-phosphocholine is used for the preparation of liposomes and studying the properties of lipid bilayers. The GO (glucose oxidase) in the 1,2-Dierucoyl-sn-glycero-3-phosphocholine liposome shows the high activity[1][2].

REFERENCES

[1]. Masahiro INOUE, et al. Oxidation of Glucose in Gas-Liquid Flow Catalyzed by Glucose Oxidase-Containing Liposomes with Different Acyl Chain Properties. Journal of chemical engineering of japan. Published online, 2013.

[2]. Weber ME, et al. Dynamic assessment of bilayer thickness by varying phospholipid and hydraphile synthetic channel chain lengths. J Am Chem Soc. 2005 Jan 19;127(2):636-42.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA