



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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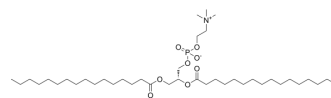
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DPPC (Standard)

Cat. No.:	HY-109506R
CAS No.:	63-89-8
Molecular Formula:	C ₄₀ H ₈₀ NO ₈ P
Molecular Weight:	734.04
Target:	Endogenous Metabolite; Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DPPC (Standard) is the analytical standard of DPPC. This product is intended for research and analytical applications. DPPC (129Y83) is a phosphoglyceride that can be used to prepare lipid monolayers, bilayers, and liposomes. DPPC is the main lipid component of pulmonary surfactant. Dppc-liposome can be effectively used as a delivery vector to induce an immune response against GSL antigen in mice^{[1][2][3][4][5]}.

REFERENCES

- [1]. Miller AD. Delivery of RNAi therapeutics: work in progress. *Expert Rev Med Devices*. 2013 Nov;10(6):781-811.
- [2]. Akiko Uemura, et al. Induction of immune responses against glycosphingolipid antigens: comparison of antibody responses in mice immunized with antigen associated with liposomes prepared from various phospholipids. *J Vet Med Sci*. 2005 Dec;67(12):1197-201.
- [3]. Ege C, et al. Insertion of Alzheimer's A beta 40 peptide into lipid monolayers. *Biophys J*. 2004 Sep;87(3):1732-40.
- [4]. Kalra VK, et al. Transport of amino acids in gamma-glutamyl transpeptidase-implanted human erythrocytes. *J Biol Chem*. 1981 Jun 10;256(11):5567-71.
- [5]. Leekumjorn S, et al. Molecular simulation study of structural and dynamic properties of mixed DPPC/DPPE bilayers. *Biophys J*. 2006 Jun 1;90(11):3951-65.

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

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