



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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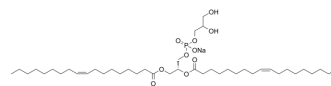
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DOPG sodium

Cat. No.:	HY-141571
CAS No.:	67254-28-8
Molecular Formula:	C ₄₂ H ₇₈ NaO ₁₀ P
Molecular Weight:	797.03
Target:	Liposome; Biochemical Assay Reagents
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 50 mg/mL (62.73 mM; ultrasonic and warming and heat to 60°C)
DMSO : 20 mg/mL (25.09 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.2547 mL	6.2733 mL	12.5466 mL
	5 mM		0.2509 mL	1.2547 mL	2.5093 mL
	10 mM		0.1255 mL	0.6273 mL	1.2547 mL

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

BIOLOGICAL ACTIVITY

Description

DOPG sodium is a naturally occurring anionic phospholipid, containing oleic acid (18:1) inserted at the sn-1 and sn-2 positions. DOPG can form a lipid bilayer in an aqueous solution and is used in the generation of micelles, liposomes, and other artificial membranes. DOPG also exhibits anti-inflammatory properties^[1].

In Vitro

DOPG (100 µg/ml, 2 h) inhibits expression of IL-1β, IL-6 and TNF-α in keratinocytes stimulated with recombinant S100A9^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Choudhary V, et al. Phosphatidylglycerol Inhibits Toll-Like Receptor-Mediated Inflammation by Danger-Associated Molecular Patterns. J Invest Dermatol. 2019 Apr;139(4):868-877.

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

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