



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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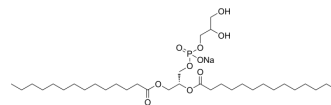
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DMPG sodium

Cat. No.:	HY-22274
CAS No.:	200880-40-6
Molecular Formula:	C ₃₄ H ₆₆ NaO ₁₀ P
Molecular Weight:	688.85
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 : 2 mg/mL (2.90 mM); ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4517 mL	7.2585 mL	14.5169 mL
	5 mM	---	---	---
	10 mM	---	---	---
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Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

DMPG sodium is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

REFERENCES

- [1]. Momtazi-Borojeni AA, Abdollahi E, Jaafari MR, Banach M, Watts GF, Sahebkar A. Negatively-charged Liposome Nanoparticles Can Prevent Dyslipidemia and Atherosclerosis Progression in the Rabbit Model. *Curr Vasc Pharmacol*. 2022;20(1):69-76.
- [2]. Rønneest AK, Peters GH, Hansen FY, Taub H, Miskowiec A. Structure and dynamics of water and lipid molecules in charged anionic DMPG lipid bilayer membranes. *J Chem Phys*. 2016;144(14):144904.

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

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