



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

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

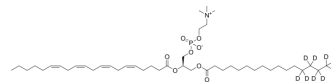
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

1-PalMitoyl-2-arachidoyllecithin-d₉-1

Cat. No.:	HY-141636S
CAS No.:	1872379-11-7
Molecular Formula:	C ₄₄ H ₇₁ D ₉ NO ₈ P
Molecular Weight:	791.14
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Palmitoyl-2-arachidoyllecithin-d₉-1 (1-Palmitoyl-2-arachidonoyl-sn-glycero-3-phosphocholine-d₉-1) is deuterium labeled 1-Palmitoyl-2-arachidoyllecithin. 1-Palmitoyl-2-arachidonoyl-sn-glycero-3-PC (PAPC) is a phospholipid containing palmitic acid (16:0) and arachidonic acid (20:4) at the sn-1 and sn-2 positions, respectively, that is found in biological membranes. PAPC is oxidized in vivo, and its oxidation products are involved in chronic inflammation and vascular disease. PAPC has been used to study signaling of oxidized phospholipids. Levels of PAPC are decreased in isolated human multiple myeloma cells^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Gugiu, et al. Protein targets of oxidized phospholipids in endothelial cells. J. Lipid Res. 49, 510-520 (2008).

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

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