



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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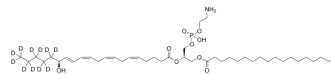
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1-Stearoyl-2-15(S)-HETE-sn-glycero-3-PE-d₁₁

Cat. No.:	HY-145473S
Molecular Formula:	C ₄₃ H ₆₇ D ₁₁ NO ₉ P
Molecular Weight:	795.12
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Stearoyl-2-15(S)-HETE-sn-glycero-3-PE-d₁₁ (15(S)-HETE-SAPE-d₁₁) is deuterium labeled 1-Stearoyl-2-15(S)-HETE-sn-glycero-3-PE. 1-Stearoyl-2-15(S)-HETE-sn-glycero-3-PE is a phospholipid that contains stearic acid (HY-B2219) at the sn-1 position and 15(S)-HETE at the sn-2 position. It is formed in human peripheral monocytes activated by the calcium ionophore A23187 (HY-N6687) by direct oxidation of 1-stearoyl-2-arachidonoyl-sn-glycero-3-PE (SAPE) by 15-LO. Phosphoethanolamine (PE) HETEs (PE-HETEs), including 1-stearoyl-2-15(S)-HETE-sn-glycero-3-PE, are the main source of esterified HETE in ionophore-activated monocytes^[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]. Maskrey, et al. Activated platelets and monocytes generate four hydroxyphosphatidylethanolamines via lipoxygenase. J. Biol. Chem. 282(28), 20151-20163 (2007).

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

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