



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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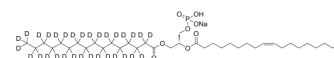
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16:0-18:1 PA-d₃₁ sodium

Cat. No.:	HY-146896S
CAS No.:	474943-59-4
Molecular Formula:	C ₃₇ H ₃₉ D ₃₁ NaO ₈ P
Molecular Weight:	728.1
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	-20°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

Chloroform : 5 mg/mL (6.87 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass			
		1 mg	5 mg	10 mg	
Preparing Stock Solutions	1 mM	1.3734 mL	6.8672 mL	13.7344 mL	
	5 mM	0.2747 mL	1.3734 mL	2.7469 mL	
	10 mM	---	---	---	

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

BIOLOGICAL ACTIVITY

Description

16:0-18:1 PA-d₃₁ (sodium) is deuterium labeled 16:0-18:1 PA (sodium).

In Vitro

Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs^[2].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-223.

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

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