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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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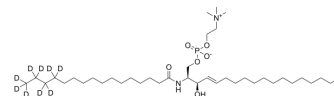
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N-Palmitoyl-D-sphingomyelin-d₉

Cat. No.:	HY-141629S2
CAS No.:	2415226-88-7
Molecular Formula:	C ₃₉ H ₇₀ D ₉ N ₂ O ₆ P
Molecular Weight:	712.08
Target:	Isotope-Labeled Compounds; Liposome; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-Palmitoyl-D-sphingomyelin-d₉ (Sphingomyelin 16:0-d₉) is deuterium labeled N-Palmitoyl-D-sphingomyelin. N-Palmitoyl-D-sphingomyelin (Sphingomyelin 16:0) (Compound SM-03) can be used for the synthesis of lipid nanoparticles^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Dandan LING, et al. Lipid compounds and lipid nanoparticle compositions. Patent. WO2023056914.

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

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