



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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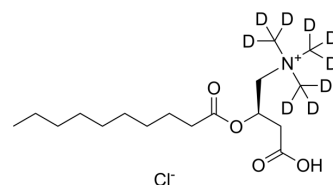
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Decanoyl-L-carnitine-d₉ chloride

Cat. No.:	HY-145503S
CAS No.:	2847775-92-0
Molecular Formula:	C ₁₇ H ₂₅ D ₉ ClNO ₄
Molecular Weight:	360.96
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Decanoyl-L-carnitine-d₉ (chloride) is deuterium labeled Decanoyl-L-carnitine (chloride). Decanoyl-L-carnitine chloride is an ester derivative of L-carnitine, which is an important cofactor of fatty acid metabolism^{[1][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]. Thien N Tran, et al. Differences in the conversion of the polyunsaturated fatty acids [1-14C]22:4(n-6) and [1-14C]22:5(n-3) to [14C]22:5(n-6) and [114C]22:6(n-3) in isolated rat hepatocytes. *Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids*

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

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