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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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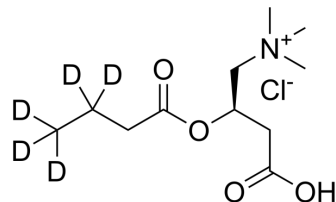
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(R)-Butyryl carnitine-d₅ chloride

Cat. No.:	HY-W654091
Molecular Formula:	C ₁₁ H ₁₇ D ₅ ClNO ₄
Molecular Weight:	272.78
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(R)-Butyryl carnitine-d₅ chloride is deuterium labeled Butyryl-L-carnitine (chloride). Butyryl-L-carnitine chloride is an acylcarnitine that can be isolated from Plasma/Serum^{[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]. Nathalie Lepage, et al. Measurement of plasma/serum acylcarnitines using tandem mass spectrometry. *Methods Mol Biol*. 2010;603:9-25.

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

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