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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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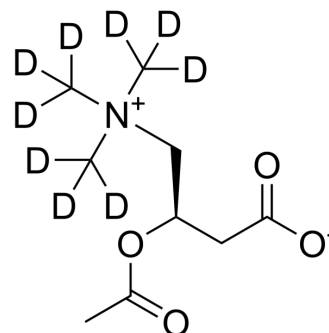
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Acetyl-L-carnitine-d₉

Cat. No.:	HY-113218S
CAS No.:	203805-90-7
Molecular Formula:	C ₉ H ₈ D ₉ NO ₄
Molecular Weight:	212.29
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Acetyl-L-carnitine-d₉ (O-Acetyl-L-carnitine-d₉) is deuterium labeled Acetyl-L-carnitine. Acetyl-L-carnitine (O-Acetyl-L-carnitine) is a compound involved in human metabolic research. It has relevant applications in predicting metabolite biomarker changes using the Recon 2 metabolic reconstruction model and integrating and analyzing multiple data types, but its specific activity mechanism is not described in detail based on the existing information^{[1][2][3]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. The Effect of Acetyl-L-Carnitine (ALCAR) on Peripheral Nerve Regeneration in Animal Models: A Systematic Review
- [3]. A community-driven global reconstruction of human metabolism

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

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