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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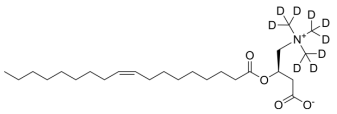
Oleoylcarnitine-d_9

Cat. No.:	HY-113261S
CAS No.:	2847775-85-1
Molecular Formula:	$C_{25}H_{38}D_9NO_4$
Molecular Weight:	434.7
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Oleoylcarnitine-d_9 is deuterium labeled Oleoylcarnitine. Oleoylcarnitine, the metabolite which accumulates through suppression of fatty acid β-oxidation, can enhance hepatocarcinogenesis via STAT3 activation[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]. Fujiwara N, et al. CPT2 downregulation adapts HCC to lipid-rich environment and promotes carcinogenesis via acylcarnitine accumulation in obesity. Gut. 2018 Aug;67(8):1493-1504.

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

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