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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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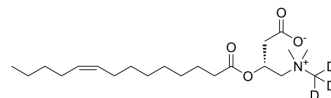
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Myristoleyl carnitine-d₃

Cat. No.:	HY-164182S
CAS No.:	1803252-79-0
Molecular Formula:	C ₂₁ H ₃₆ D ₃ NO ₄
Molecular Weight:	372.56
Target:	Isotope-Labeled Compounds; Parasite; Cholinesterase (ChE)
Pathway:	Others; Anti-infection; Neuronal Signaling
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (268.41 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass			
		1 mg	5 mg	10 mg	
Preparing Stock Solutions	1 mM	2.6841 mL	13.4207 mL	26.8413 mL	
	5 mM	0.5368 mL	2.6841 mL	5.3683 mL	
	10 mM	0.2684 mL	1.3421 mL	2.6841 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Myristoleyl carnitine-d₃ is the deuterium labeled Myristoleyl carnitine(HY-164182)^[1].

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.

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

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