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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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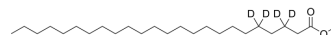
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Methyl tetracosanoate-d₄

Cat. No.:	HY-N8438S
CAS No.:	2692624-16-9
Molecular Formula:	C ₂₅ H ₄₆ D ₄ O ₂
Molecular Weight:	386.69
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methyl tetracosanoate-d₄ (Methyl lignocerate-d₄) is deuterium labeled Methyl tetracosanoate. Methyl tetracosanoate (Methyl lignocerate) is a fatty acid methyl ester with anti-diabetic activity^{[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]. Shilpa K, et al. Probing key targets in insulin signaling and adipogenesis using a methanolic extract of Costus pictus and its bioactive molecule, methyl tetracosanoate. Biotechnol Lett. 2009 Dec;31(12):1837-41.

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

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