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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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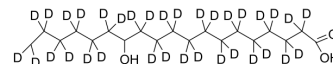
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2-Hydroxy-Octadecanoic acid-d₃₄

Cat. No.:	HY-W127329S1
Molecular Formula:	C ₂₀ H ₈ D ₃₄ O ₃
Molecular Weight:	364.76
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2-Hydroxy-Octadecanoic acid-d₃₄ is deuterium labeled 12-Hydroxystearic acid. 12-Hydroxystearic acid is a structurally simple and cost-effective low molecular weight organogelator, and its metal salts and derivatives find roles in many important applications^{[1][2][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]. Gordon R, et al. Aggregation of 12-Hydroxystearic Acid and Its Lithium Salt in Hexane: Molecular Dynamics Simulations. J Phys Chem B. 2016;120(29):7164-7173.

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

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