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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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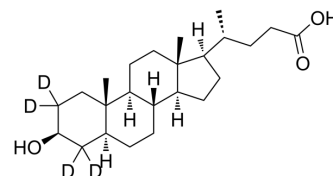
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Isoallolithocholic acid-d₄

Cat. No.:	HY-B0172AS1
CAS No.:	2410277-60-8
Molecular Formula:	C ₂₄ H ₃₆ D ₄ O ₃
Molecular Weight:	380.6
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isoallolithocholic acid-d₄ (3β-Hydroxy-5α-cholanic acid-d₄) is deuterium labeled Isoallolithocholic acid. Isoallolithocholic acid (3β-Hydroxy-5α-cholanic acid), a derivative of [Lithocholic acid](#) (HY-10219), is a T cell regulator. Isoallolithocholic acid enhances regulatory T cells (Tregs) differentiation^{[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]. Hang S, et al. Bile acid metabolites control TH17 and Treg cell differentiation. Nature. 2019 Dec;576(7785):143-148.

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

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