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Part of Europa Biosite

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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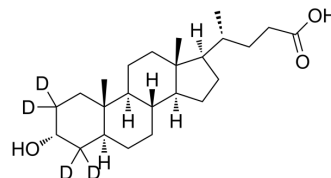
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Allolithocholic Acid-d₄

Cat. No.:	HY-143712S1
Molecular Formula:	C ₂₄ H ₃₆ D ₄ O ₃
Molecular Weight:	380.6
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

Allolithocholic Acid-d₄ (3α-hydroxy-5α-Cholanoic Acid-d₄, allo-LCA-d₄) is deuterium labeled Allolithocholic acid. Allolithocholic acid is a steroid acid could found in normal serum and feces. Allolithocholic acid facilitates excretion, absorption, and transport of fats and sterols in the intestine and liver^{[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]. Makino I, et, al. Excretion of 3βeta-hydroxy-5-choleonic and 3α-hydroxy-5α-choleanoic acids in urine of infants with biliary atresia. *FEBS Lett*. 1971 Jun 10;15(2):161-164.

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

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