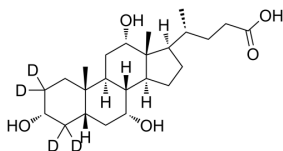


Certificate of Analysis

Product Name: Cholic acid-d₄
Cat. No.: CS-0202344
CAS No.: 116380-66-6
Batch No.: 178558
Chemical Name: Cholan-24-oic-2,2,4,4-d₄ acid, 3,7,12-trihydroxy-, (3α,5β,7α,12α)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₄H₃₆D₄O₅
Molecular Weight: 412.60
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity: ≥95.0%
Isotopic Enrichment: 99.50%
OR[α](C=0.1 g/100ml Ethanol): 36.3°
Elemental Analysis
Theoretical: C(69.86%), H(10.75%), N(-)
Result: C(66.63%), H(9.28%), N(-)
Conclusion: The product has been tested and complies with the given specifications.

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

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