

Certificate of Analysis

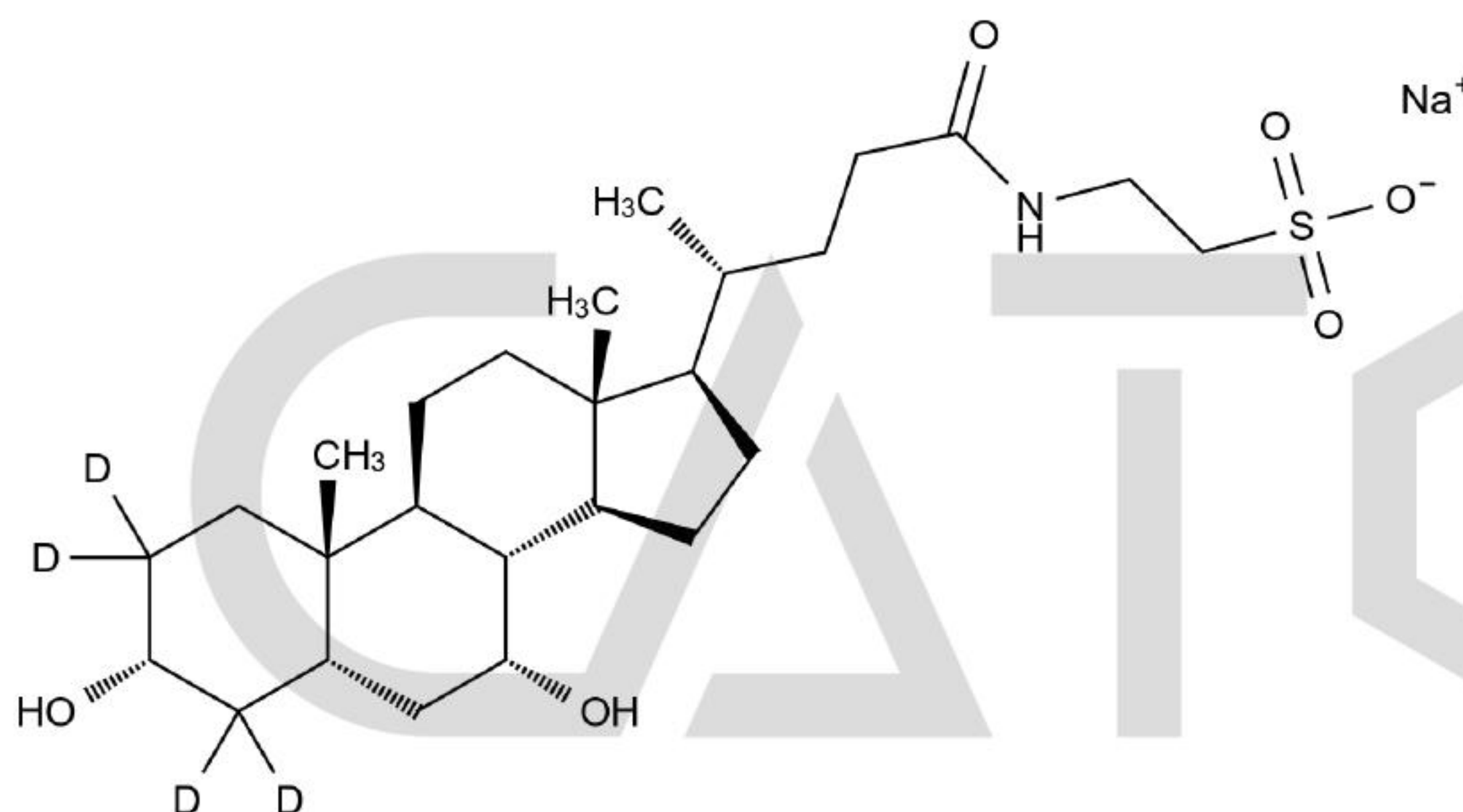
Reference Material & Standard

Product Name:	Taurochenodeoxycholic Acid Sodium Salt-D4	Catalogue Number:	CCFD202070
Synonyms:	N/A	Lot Number:	1205-RG-0077
CAS Number:	2410279-85-3	Expiry Date:	Dec 16, 2027
Molecular Formula:	C ₂₆ H ₄₀ D ₄ NO ₆ S Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	502.72 22.99	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	99.0%
Isotopic Purity		98.31%, D4: 93.24%, D3: 6.76%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Yuki

Approved by General Manager:

David

Date: Dec 22, 2025

Date: Dec 24, 2025

Date: Dec 24, 2025



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