



CERTIFICATE OF ANALYSIS

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1. Identification

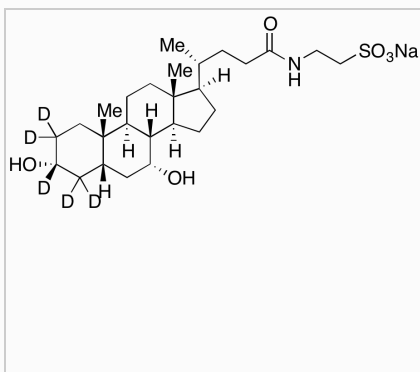
Catalogue Number: T008133

CAS Number: NA

Product: Taurochenodeoxycholic Acid-d5 Sodium Salt

Synonym: 2-[[[(3 α ,5 β ,7 α)-3,7-Dihydroxy-24-oxocholan-24-yl]amino]ethanesulfonic Acid-d5 Sodium Salt; N-(3 α ,7 α -dihydroxy-5 β -cholan-24-oyl)taurine-d5 Sodium Salt; 12-Deoxycholytaurine-d5 Sodium Salt; 12-Desoxycholytaurine-d5 Sodium Salt; 3 α ,7 α -Dihydroxy-N-(2-sulfoethyl)-5 β -cholan-24-amide-d5 Sodium Salt; Chenodeoxycholytaurine-d5 Sodium Salt; Chenyltaurine-d5 Sodium Salt; Taurochenodesoxycholic Acid Sodium Salt;

Structure:



Molecular Formula:

C₂₆H₃₉D₅NNaO₆S

Molecular weight:

526.72

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 2-TIM-150-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Beige Solid	Off-White to Pale Beige Solid
HPLC Purity	Report Result	98.12% (ELSD)
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.7%

Additional Information:

Normalized Intensity: d0 = 0.11%, d1 = 0.09%, d2 = 0.03%, d3 = 0.44%, d4 = 9.69%, d5 = 89.65%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjit Kaur	Toni Rantanen	Christina Gouliaras	6/30/2023	6/28/2027
				