



1. Identification

Catalogue Number

T008133

Lot Number

11-EVK-182-1

Product Name

Taurochenodeoxycholic Acid-d5 Sodium Salt

Synonyms

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;

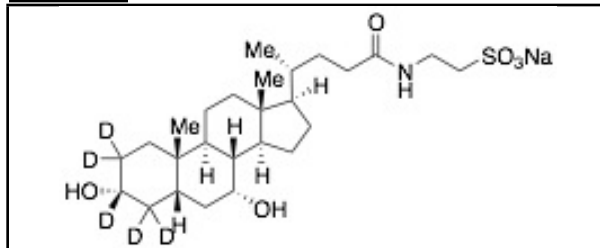
CAS Number

N/A

Solubility

Methanol (Slightly), Water (Slightly)

Structure



Shipping Condition

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

Molecular Formula

C₂₆H₃₉D₅NNaO₆S

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

526.72

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Light Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 57.30, %H: 8.52, %N: 2.61

HPLC Purity

>95%

97.94% (196 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

86.2% (d6)

Isotopic Purity

>95%

98.7% (d5)

Sodium Content

Report Result

3.8%

Specific Rotation

Report Result

+10.3° (c = 0.2, Methanol)

Additional Information

Normalized Intensity: d₀ = 0.13%, d₁ = 0.11%, d₂ = 0.02%, d₃ = 0.12%, d₄ = 3.56%, d₅ = 73.87%, d₆ = 22.20%

Normalized Intensity: d₀ = 0.16%, d₁ = 0.14%, d₂ = 0.02%, d₃ = 0.15%, d₄ = 4.57%, d₅ = 94.95%

Contains: Small amount of over deuterated product.

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

R. Lertj

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

1/3/2024

Retest Date

1/1/2028