

1. Identification

Catalogue Number

D232647

Lot Number

1-WBZ-52-2

Product Name

Deoxycholic Acid-d5

Synonyms

3 α ,12 α -Dihydroxy-5 β -cholanic Acid-d5; 3 α ,12 α -Dihydroxy-5 β -cholanoic Acid-d5; 3 α ,12 α -Dihydroxycholanic Acid-d5; 5 β -Cholanic Acid-3 α ,12 α -diol-d5; 5 β -Deoxycholic Acid-d5; 7-Deoxycholic Acid-d5; Cholerebic-d5; Cholorebic-d5; Degalol-d5; Deoxycholatic Acid-d5; Deoxycholatic Acid-d5; Desoxycholic Acid-d5; Droloxolan-d5; NSC 8797-d5; Pyrochol-d5; Septochol-d5

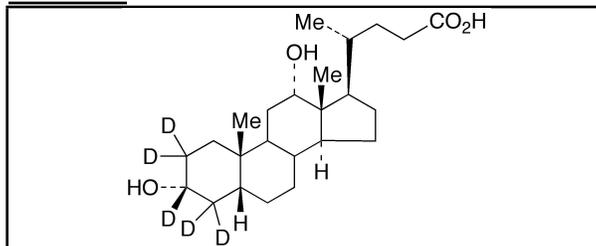
CAS Number

52840-14-9

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₄H₃₅D₅O₄

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

397.6

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.62% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.1%

Additional Information

Normalized Intensity: d₀ = 0.47%, d₁ = 0.15%, d₂ = 0.05%, d₃ = 0.99%, d₄ = 9.59%, d₅ = 88.75%

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. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

7/31/2025

Retest Date

7/29/2029

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate