



CERTIFICATE OF ANALYSIS

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1. Identification

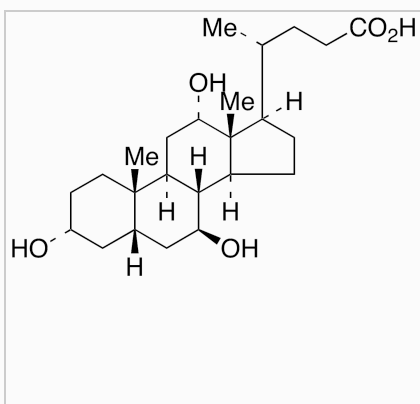
Catalogue Number: U849900

CAS Number: 2955-27-3

Product: Ursocholic Acid

Synonym: (3 α ,5 β ,7 β ,12 α)-3,7,12-Trihydroxycholan-24-oic Acid; 3 α ,7 β ,12 α -Trihydroxy-5 β -cholan-24-oic Acid; 3 α ,7 β ,12 α -Trihydroxy-5 β -cholan-24-oic Acid; 3 α ,7 β ,12 α -Trihydroxy-5 β -cholan-24-oic Acid; 3 α ,7 β ,12 α -Trihydroxy-5 β -cholan-24-oic Acid; 3 α ,7 β ,12 α -Trihydroxy-5 β -cholan-24-oic Acid; 7-Epicholic Acid; 7 β -Hydroxyisocholic Acid; Ursodeoxycholic Acid EP Impurity D;

Structure:



Molecular Formula:

C₂₄H₄₀O₅

Molecular weight:

408.57

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethanol (Slightly, Sonicated), Methanol (Slightly)

Lot Number: 11-JOB-76-1

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.64, %H: 9.72
Specific Rotation	Report Result	+63.3° (c = 0.2, Ethanol)
HPLC Purity	Report Result	98.42% (ELSD)

Additional Information: N/A

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
Swathi Reddy	Toni Rantanen	Christina Gouliaras	1/4/2022	1/2/2026
