

1. Identification

Catalogue Number

G641370

Lot Number

711977386-6-1

Product Name

Glycocholic Acid

Synonyms

N-[(3 α ,5 β ,7 α ,12 α)-3,7,12-Trihydroxy-24-oxocholan-24-yl]glycine; 3 α ,7 α ,12 α -Trihydroxy-5 β -cholan-24-oylglycine; 3 α ,7 α ,12 α -Trihydroxy-5 β -cholan-24-ylglycine; 3 α ,7 α ,12 α -Trihydroxy-5 β -cholan-24-ylglycine; 3 α ,7 α ,12 α -Trihydroxy-N-(carboxymethyl)-5 β -cholan-24-amide; Cholylglycine; Glycine Cholate; Glycocholic Acid; Glycylcholic Acid; N-Choloylglycine;

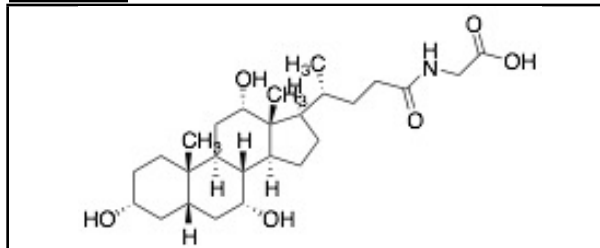
CAS Number

475-31-0

Solubility

DMF (Slightly), DMSO (Slightly),
Ethanol (Sparingly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₂₆H₄₃NO₆

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

465.62

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 64.93, %H: 9.61, %N: 2.91

HPLC Purity

>95%

98.73% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+28.7° (c = 0.5, Ethanol)

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



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

5/22/2024

Retest Date

5/20/2028