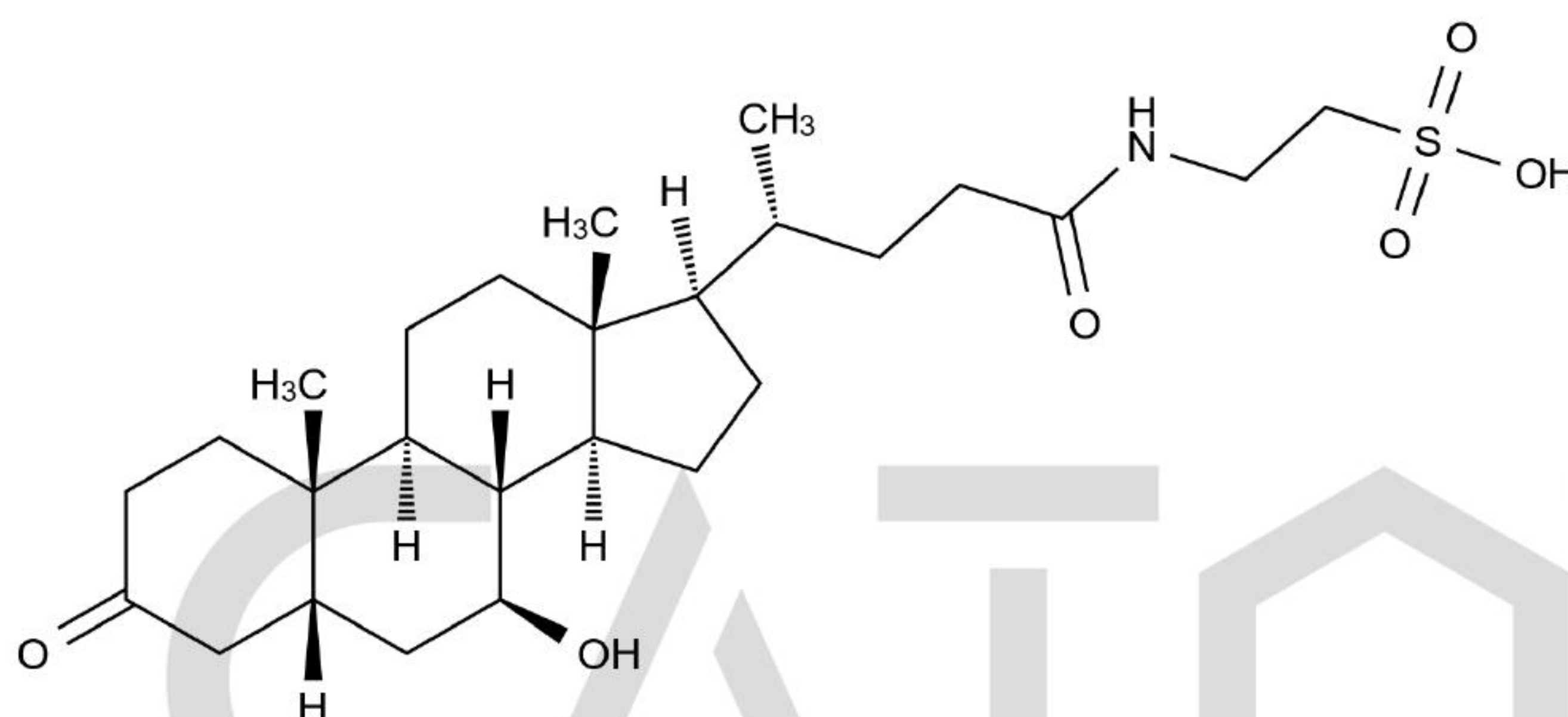


Certificate of Analysis

Reference Material & Standard

Product Name:	3-keto-tauroursodeoxycholic acid	Catalogue Number:	C4X-116037
Synonyms:	N/A	Lot Number:	0909-RF-0062
CAS Number:	129944-51-0	Expiry Date:	Sep 12, 2027
Molecular Formula:	C ₂₆ H ₄₃ NO ₆ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	497.69		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss On Drying	TGA	0.3964%
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 13, 2024

Date: Sep 13, 2024

Date: Sep 13, 2024

