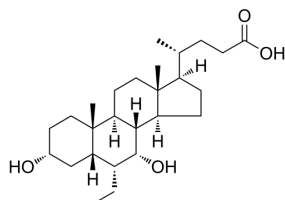


Certificate of Analysis

Product Name:	Obeticholic acid
Cat. No.:	CS-3813
CAS No.:	459789-99-2
Batch No.:	18330
Chemical Name:	Cholan-24-oic acid, 6-ethyl-3,7-dihydroxy-, (3 α ,5 β ,6 α ,7 α)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₆ H ₄₄ O ₄
Molecular Weight:	420.63
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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