Certificate of Analysis

12-Ketodeoxycholic acid

Cat. No.: HY-135772 CAS No.: 5130-29-0 Batch No.: 110321

Chemical Name: Cholan-24-oic acid, 3-hydroxy-12-oxo-, (3α,5β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{38}O_4$ 390.56 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

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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