

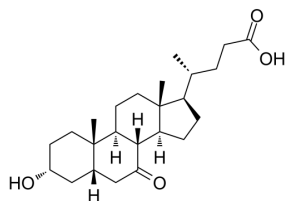
## Certificate of Analysis

**Product Name:** 7-Ketolithocholic Acid  
**Cat. No.:** HY-W018512  
**CAS No.:** 4651-67-6  
**Batch No.:** 61143  
**Chemical Name:** Cholan-24-oic acid, 3-hydroxy-7-oxo-, (3 $\alpha$ ,5 $\beta$ )-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>  
**Molecular Weight:** 390.56  
**Storage:**  
Powder      -20°C      3 years  
                  4°C        2 years  
In solvent   -80°C      6 months  
                  -20°C      1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** >97.0%  
**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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