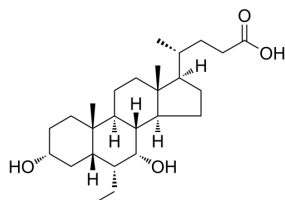


## Certificate of Analysis

**Product Name:** Obeticholic acid  
**Cat. No.:** CS-3813  
**CAS No.:** 459789-99-2  
**Batch No.:** 22753  
**Chemical Name:** Cholan-24-oic acid, 6-ethyl-3,7-dihydroxy-, (3 $\alpha$ ,5 $\beta$ ,6 $\alpha$ ,7 $\alpha$ )-

### PHYSICAL AND CHEMICAL PROPERTIES

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



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** 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.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA