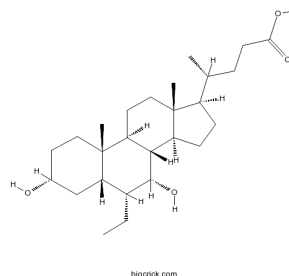


## PHYSICAL AND CHEMICAL PROPERTIES

|                              |                                                                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name:</b>         | Obeticholic Acid                                                                                                                                                                   |
| <b>Catalog Number:</b>       | BCC5572                                                                                                                                                                            |
| <b>Cas No.:</b>              | 459789-99-2                                                                                                                                                                        |
| <b>Formula:</b>              | C <sub>26</sub> H <sub>44</sub> O <sub>4</sub>                                                                                                                                     |
| <b>M.Wt:</b>                 | 420.63                                                                                                                                                                             |
| <b>Purity:</b>               | >98%                                                                                                                                                                               |
| <b>Physical Description:</b> | N/A                                                                                                                                                                                |
| <b>Synonyms:</b>             | Obeticholic acid; 6-ECDCA; 6-Ethylchenodeoxycholic acid                                                                                                                            |
| <b>Chemical Name:</b>        | (4R)-4-[(3R,5S,6R,7R,8S,9S,10S,13R,14S,17R)-6-ethyl-3,7-dihydroxy-10,13-dimethyl-2,3,4,5,6,7,8,9,11,12,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl]pentanoic acid |
| <b>SMILES:</b>               | <chem>CCC1C2CC(CCC2(C3CCC4(C(C3C1O)CCC4C(C)CCC(=O)O)C)C)O</chem>                                                                                                                   |
| <b>Solubility:</b>           | DMSO : ≥ 100 mg/mL (237.74 mM)<br>Ethanol : ≥ 50 mg/mL (118.87 mM)<br>*"≥" means soluble, but saturation unknown.                                                                  |



## STORAGE AND SHIPPING

|                            |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage:</b>            | Store the product in sealed, cool and dry condition.                                                                                                                        |
| <b>General tips:</b>       | For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months. |
| <b>Shipping Condition:</b> | Ship with RT , or blue ice upon request                                                                                                                                     |

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## CAUTION!

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure*

*that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

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