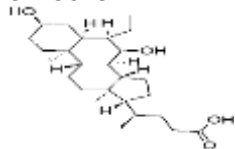


PRODUCT: Obeticholic Acid

ALTERNATE NAMES: 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; 6-ECDCA; 6-Ethylchenodeoxycholic acid); INT-747

CATALOG NUMBER: B1898-5.25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₆H₄₄O₄

MOLECULAR WEIGHT: 420.63

CAS NUMBER: 459789-99-2

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Obeticholic acid is a derivative of cholic acid which acts as a potent and selective FXR (Farnesoid X receptor) agonist (EC₅₀ = 99 nM) displaying anticholeretic activity in an in vivo rat model of cholestasis. Obeticholic acid is 100-fold more potent than the endogenous ligand chenodeoxycholic acid (CDCA) (Cat. No. 2831).

REFERENCES: Zhang, Y., et al. (2017). *Pharmacol. Res. Perspect.* Aug;5(4). doi: 10.1002/prp2.329.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

BAR-501 (**B1591**)
Chenodeoxycholic Acid (**2831**)
Fexaramine (**B1156**)
T0901317 (**B1636**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**