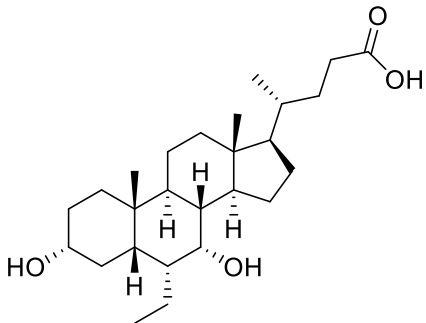


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
522440	Obeticholic Acid	X7P05R19

Chemical name	
(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.	
Synonyms	
6-Ethylchenodeoxycholic acid; Obeticholic acid; INT 747; INT-747; INT747; 6-ECDCA; Ocaliva.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 522440 Name: Obeticholic Acid CAS#: 459789-99-2 Lot# X7P05R19 Chemical Formula: C ₂₆ H ₄₄ O ₄ Exact Mass: 420.32396 Molecular Weight: 420.63

Analysis item	Specifications / Results
Appearance	White crystalline solid.
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE