
Obeticholic Acid

产品编号: D51305

CAS: 459789-99-2

分子式: C₂₆H₄₄O₄

纯度: ≥98%

InChi: InChI=1S/C26H44O4/c1-5-17-21-14-16(27)10-12-26(21,4)20-11-13-25(3)18(15(2)6-9-22(28)29)
7-8-19(25)23(20)24(17)30/h15-21,23-24,27,30H,5-14H2,1-4H3,(H,28,29)/t15-,16-,17-,18-
,19+,20+,21+,23+,24-,25-,26-/m1/s1

InChi Key: ZXERDUOLZKYMJM-ZWECCWDJSA-N

Smiles: C[C@H](CCC(O)=O)[C@H]1CC[C@H]2[C@H]3[C@H](CC[C@@]21C)[C@@]1(C)CC[C@@H](O)C[C@H]1[C@@H](CC)[C@H]3O

外观: 固体粉末

作用通路: Autophagy

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Obeticholic Acid (INT747; 6-ECDCA) is a novel derivative of cholic acid which acts as a potent and selective FXR agonist displaying anticholeretic activity in an in vivo rat model of cholestasis. It inhibits vascular smooth muscle cell inflammation and migration as well as promotes adipocyte differentiation and regulates adipose cell function in vivo.