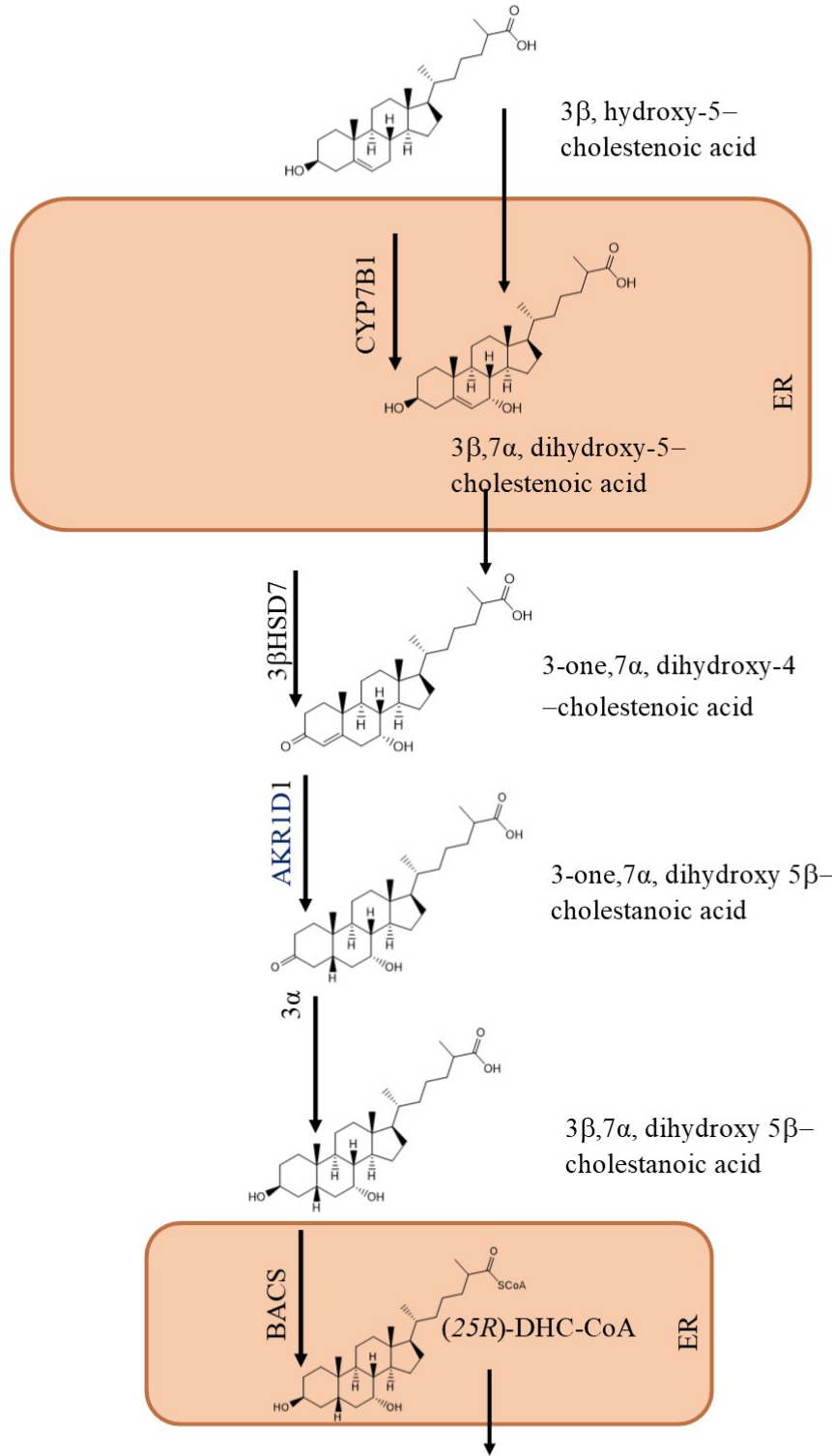
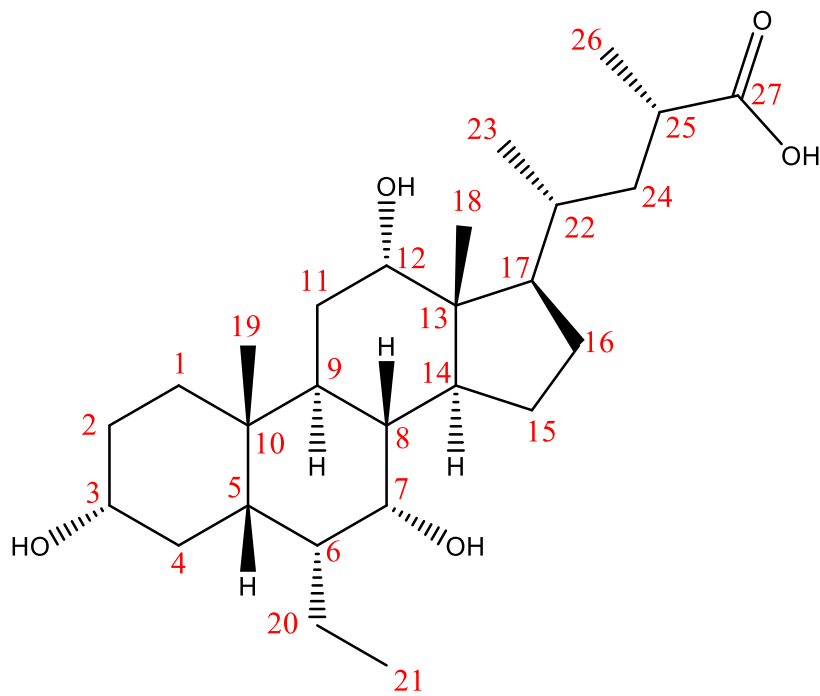
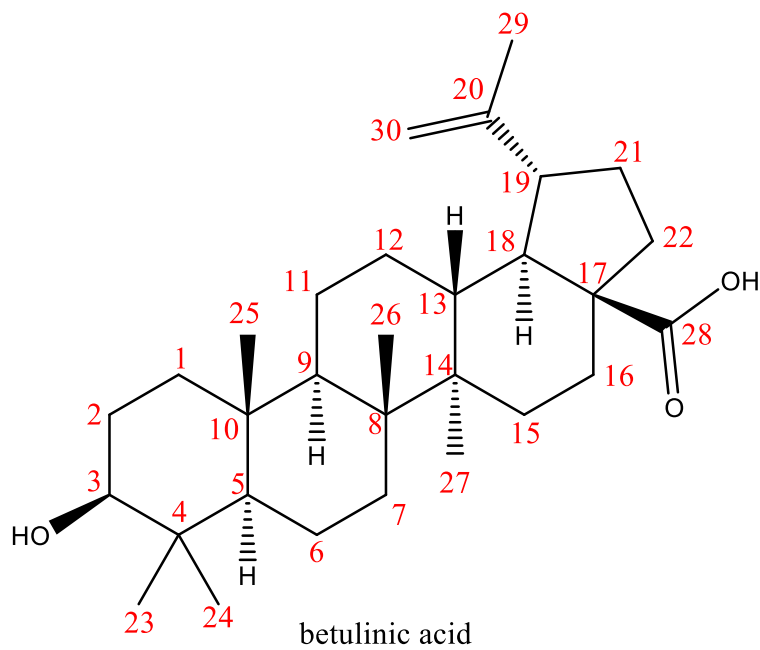


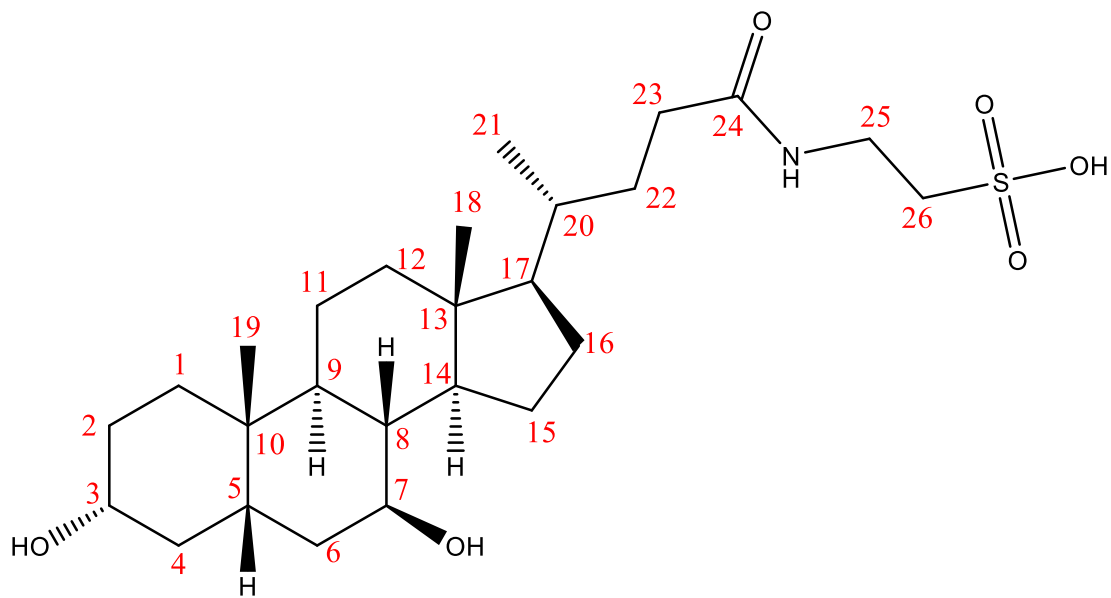
Supplementary Figure 2. Formation of 3 β , 7 α , dihydroxy-5 β -cholestanoyl-CoA from 3 β , hydroxy-5-cholestenoic acid. This is part of acidic pathway for the biosynthesis of bile acids.



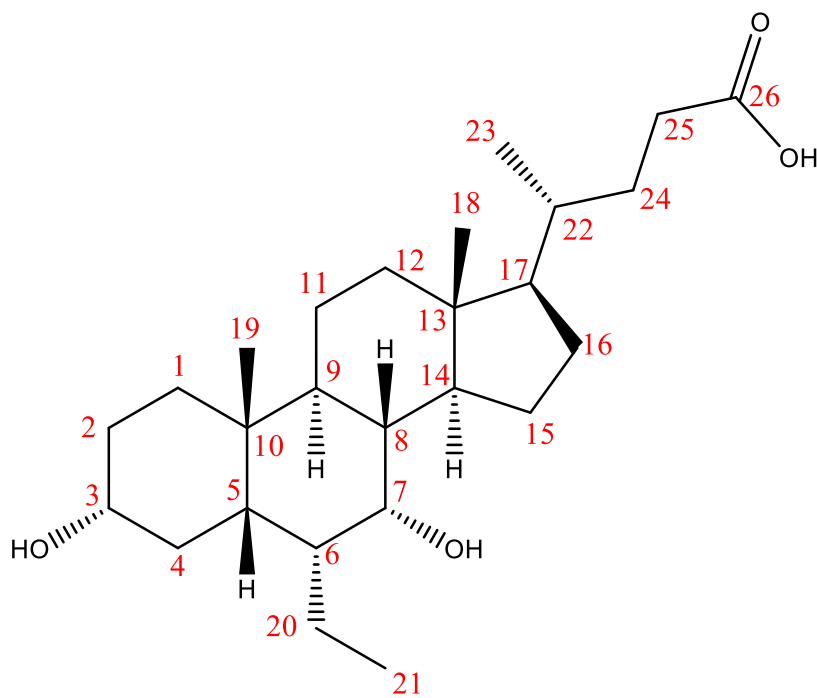
Continues in Supplementary Figure 1

Supplementary Figure 3. Molecular structure of betulinic acid, INT-777, TUDCA, and obeticholic acid.

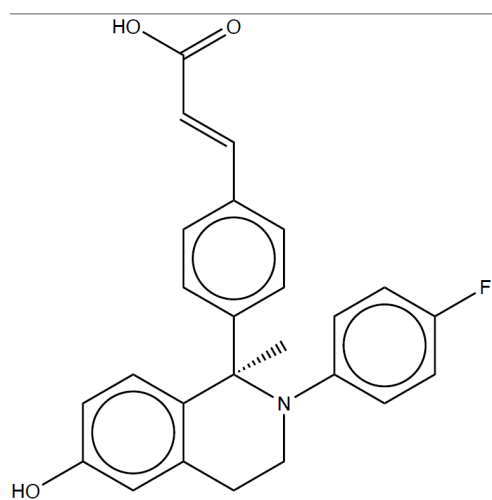




TUDCA



obeticholic acid



The molecular structure of compound 9 in reference 406 that was employed as known Ero antagonist in the molecular modelling shown in Figure 9.