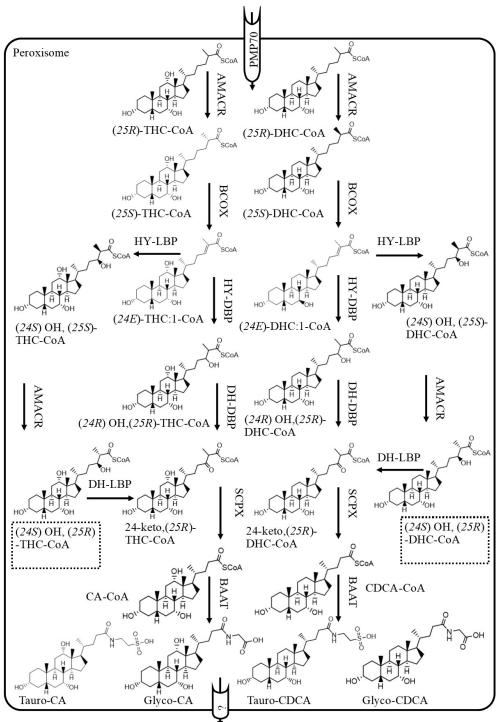
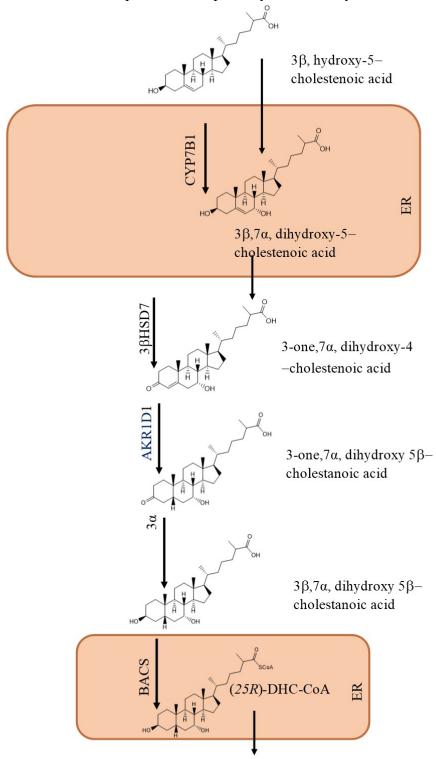
Supplementary Material

The Pathological Effects of Circulating Hydrophobic Bile Acids in Alzheimer's Disease

Supplementary Figure 1. Schematic presentation of the formation of conjugated CA and CDCA.

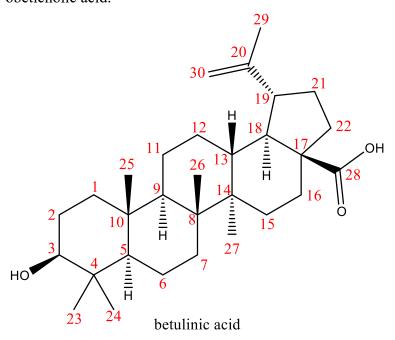


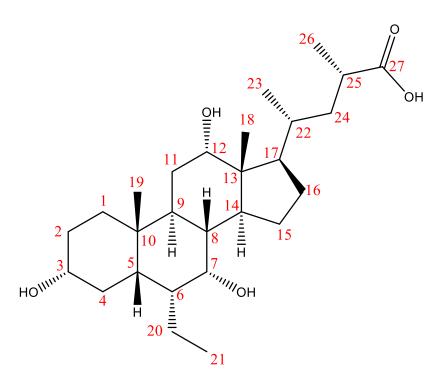
Supplementary Figure 2. Formation of 3β , 7α , dihydroxy- 5β -cholestanoyl-CoA from 3β , hydroxy-5-cholestenoic acid. This is part of acidic pathway for the biosynthesis of bile acids.

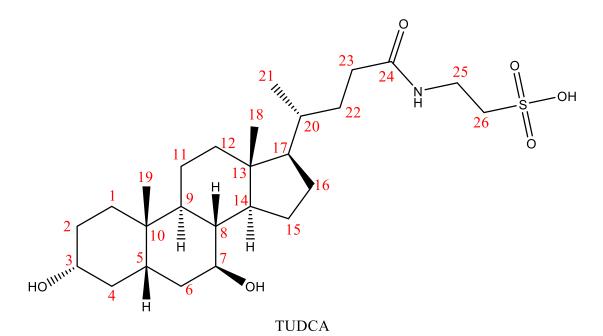


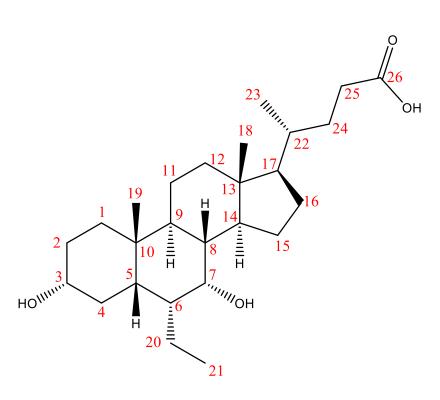
Continues in Supplementary Figure 1

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









obeticholic acid

The molecular structure of compound 9 in reference 406 that was employed as known $\text{Er}\alpha$ antagonist in the molecular modelling shown in Figure 9.