

1. Characterization of oleanolic 3-O- β -D-2,3,4,6-benzoyl-glucopyranosyl-28-ally ester

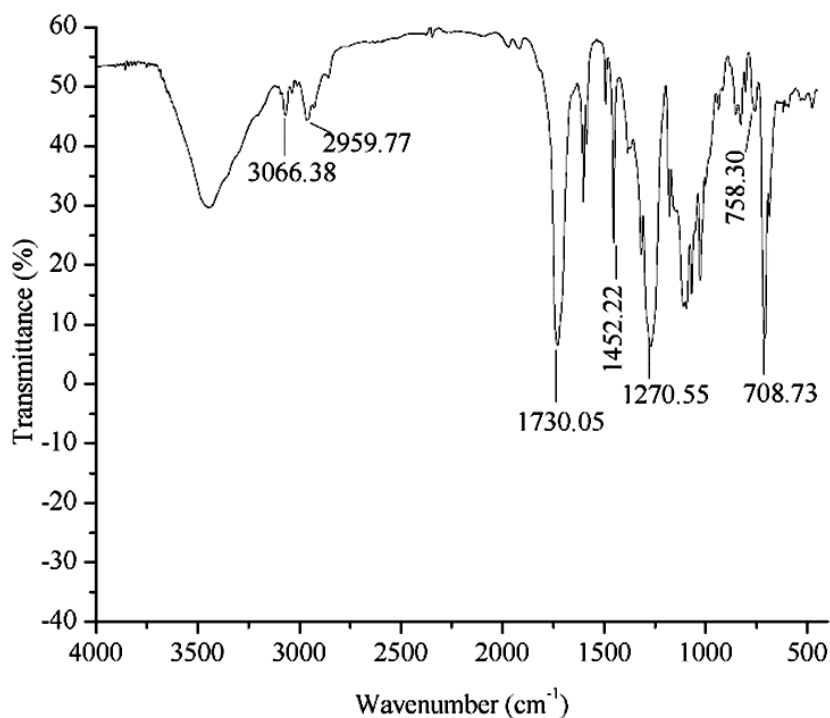


Figure S1. IR spectrum of protected oleanolic acid saponin (KBr disc)

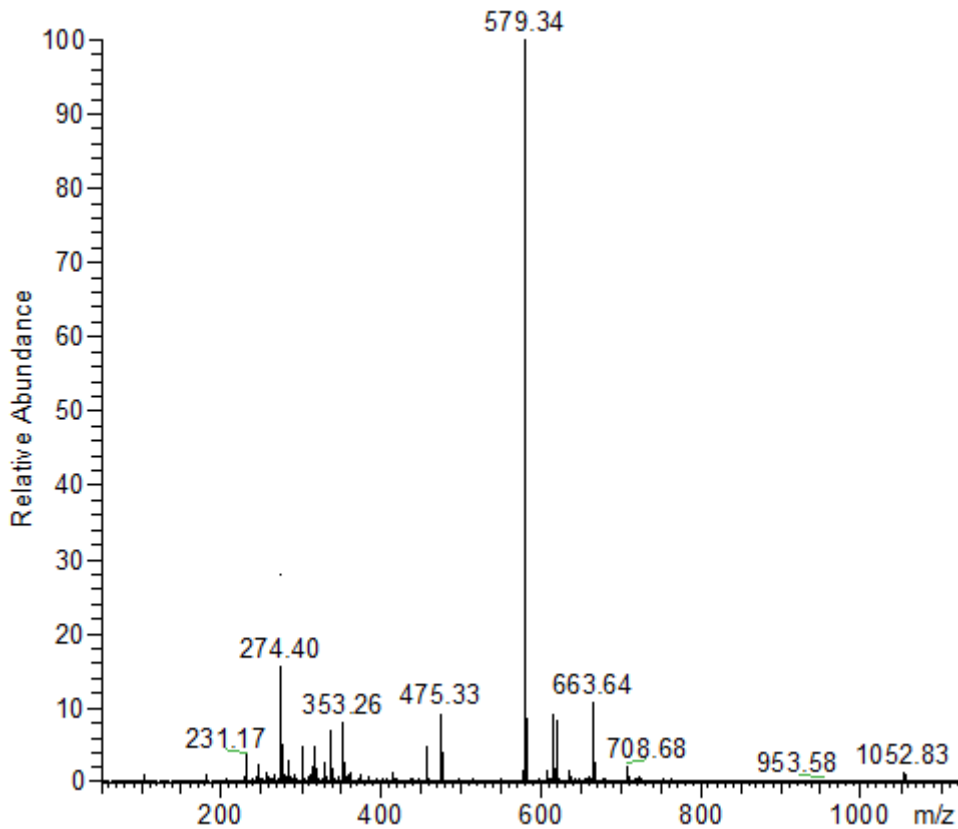


Figure S2. ESI-MS of protected oleanolic acid saponin (3.0 kV, 150°C, drying gas: N_2)

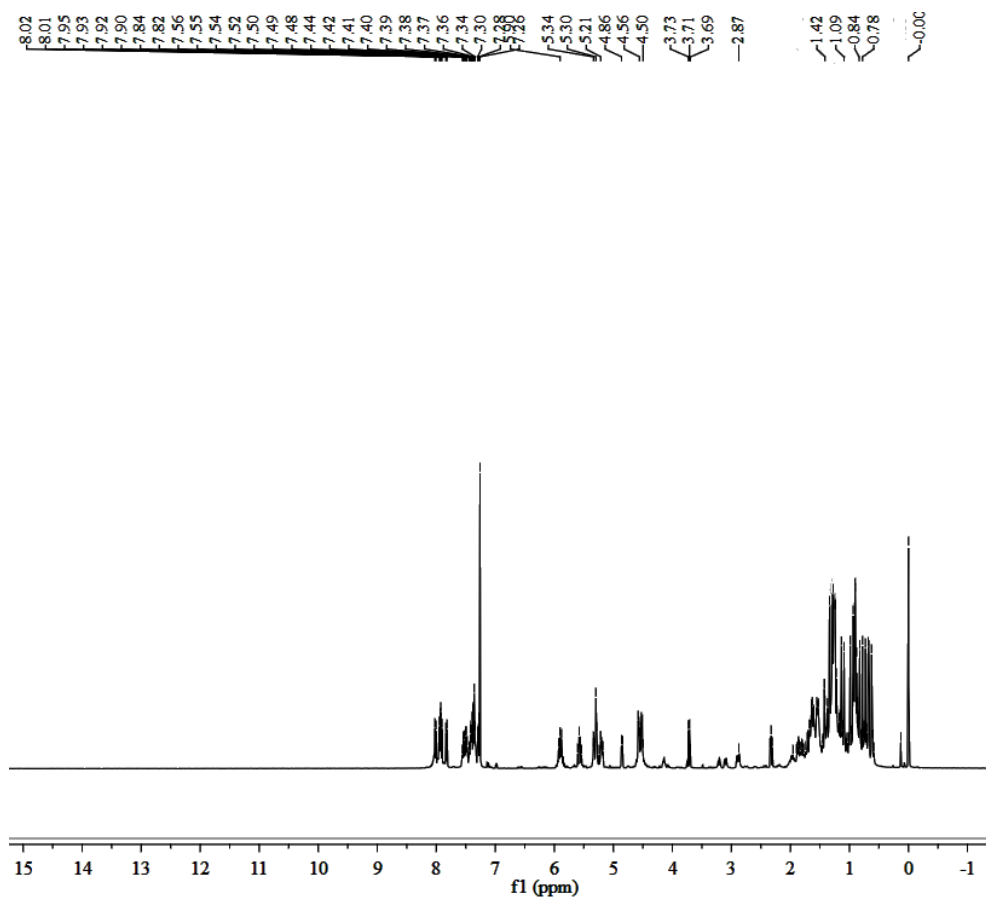


Figure S3. $^1\text{H-NMR}$ spectrum of protected oleanolic acid saponin (400 MHz, CDCl_3)

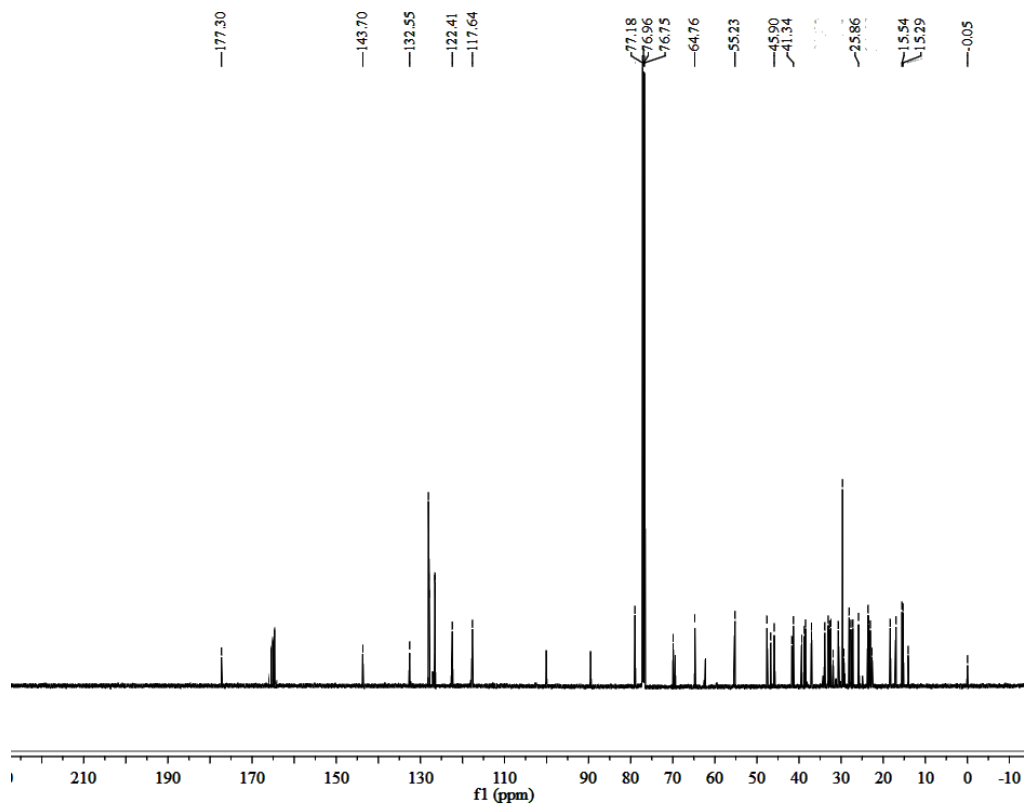


Figure S4. $^{13}\text{C-NMR}$ spectrum of protected oleanolic acid saponin (100 MHz, CDCl_3)

2. Characterization of ursolic 3-O- β -D-2,3,4,6-benzoyl-glucopyranosyl-28-ally ester

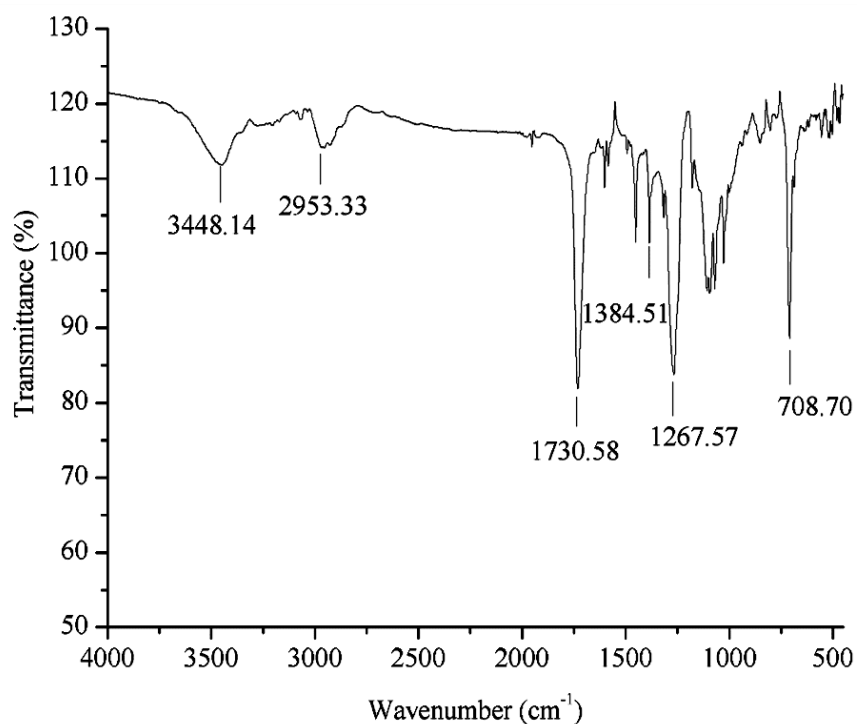


Figure S5. IR spectrum of protected ursolic acid saponin (KBr disc)

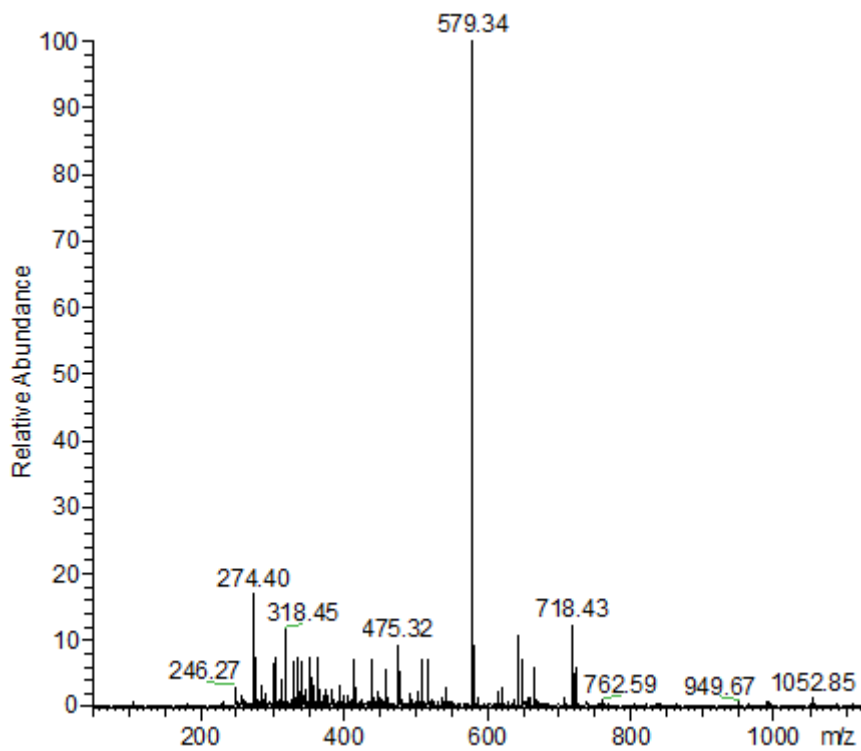


Figure S6. ESI-MS of protected ursolic acid saponin (3.0 kV, 150°C, drying gas: N₂)

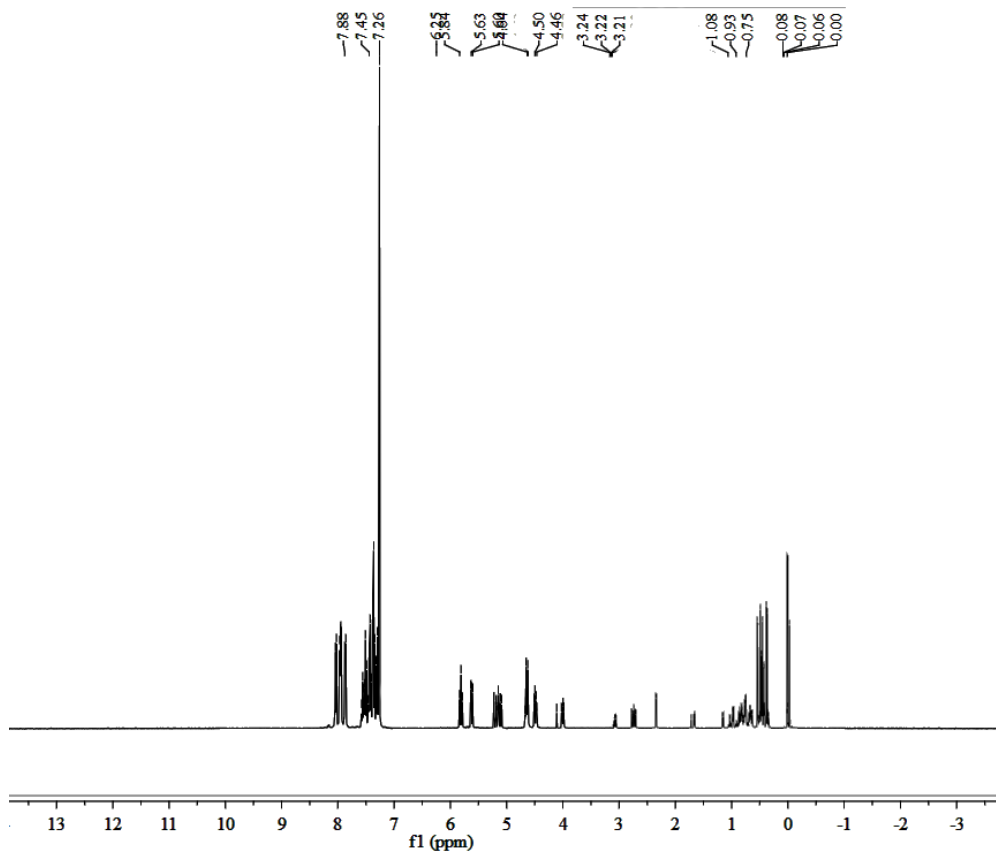


Figure S7. ^1H -NMR spectrum of protected ursolic acid saponin (400 MHz, CDCl_3)

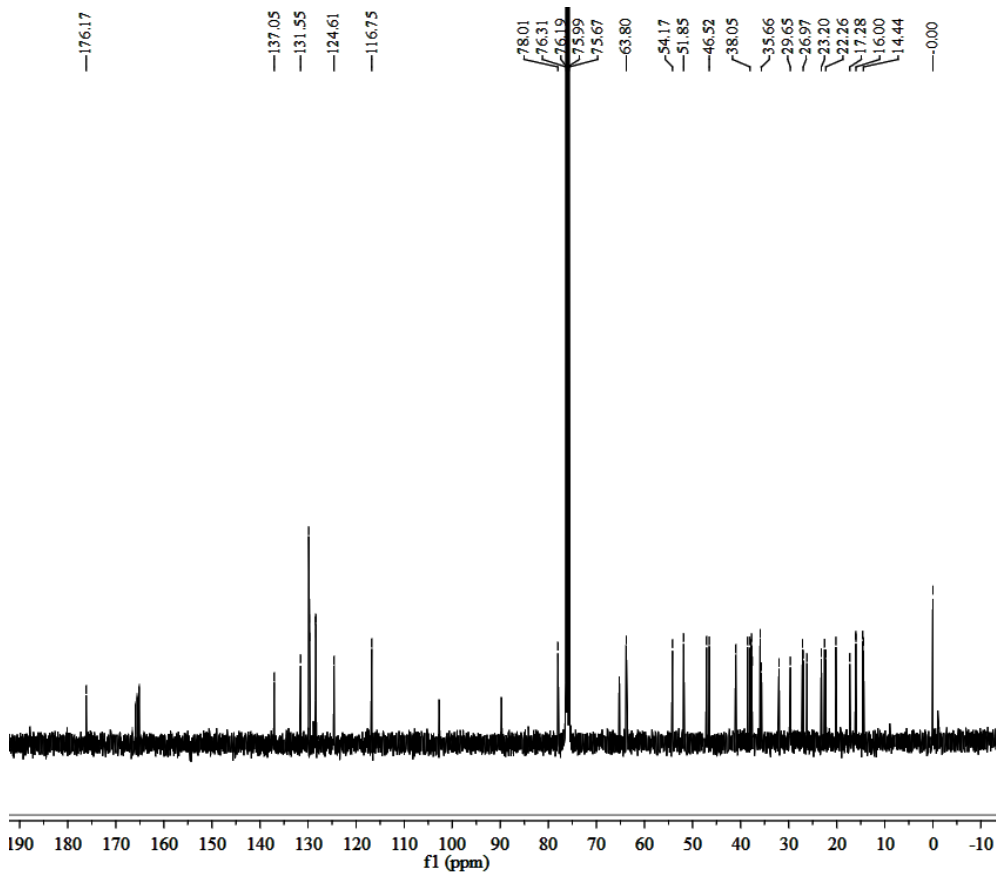


Figure S8. ^{13}C -NMR spectrum of protected ursolic acid saponin (100 MHz, CDCl_3)