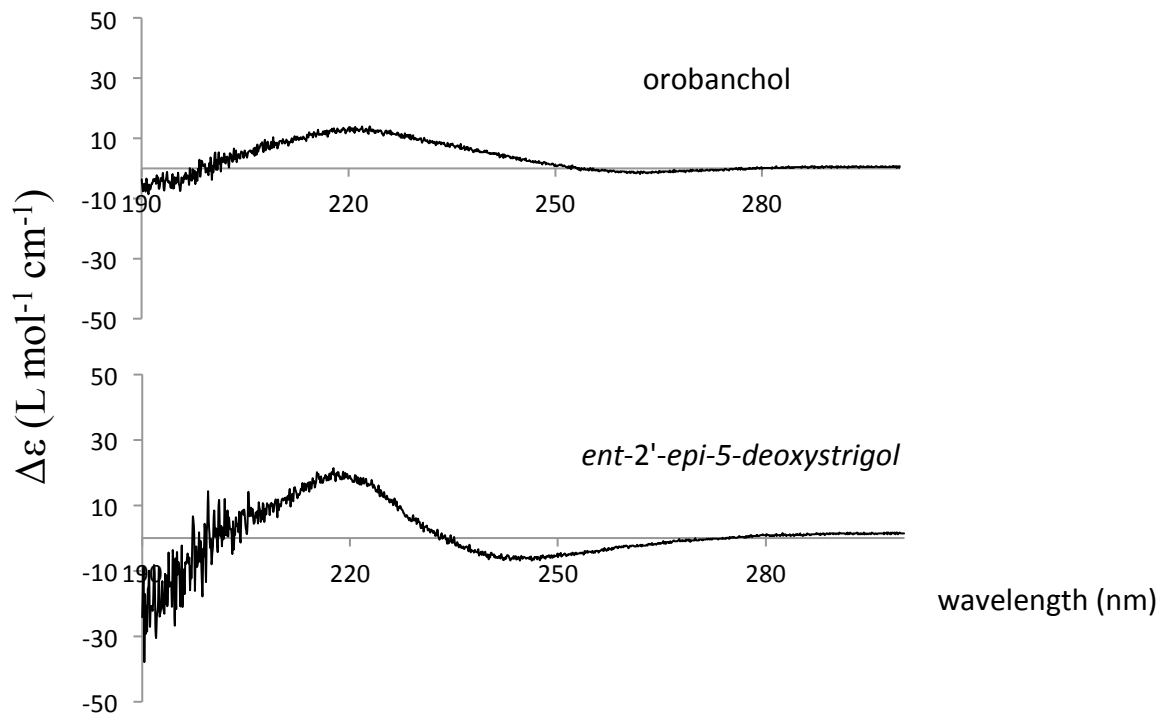
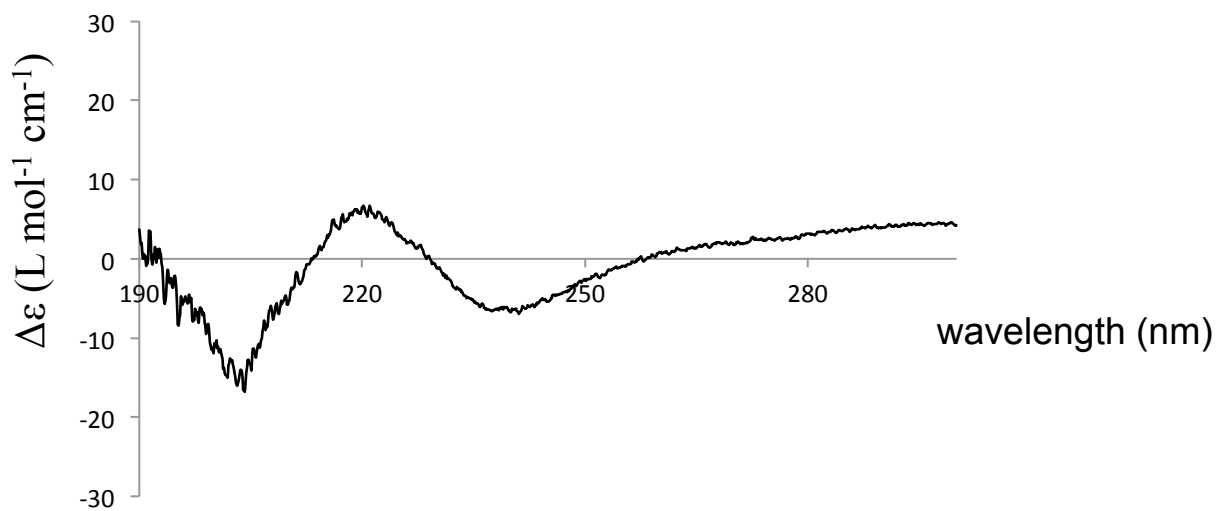


Supplementary Figure 1. CD spectra of synthetic standards of orobanchol, *ent*-orobanchol, *2'*-*epi*-orobanchol and *ent-2'*-*epi*-orobanchol

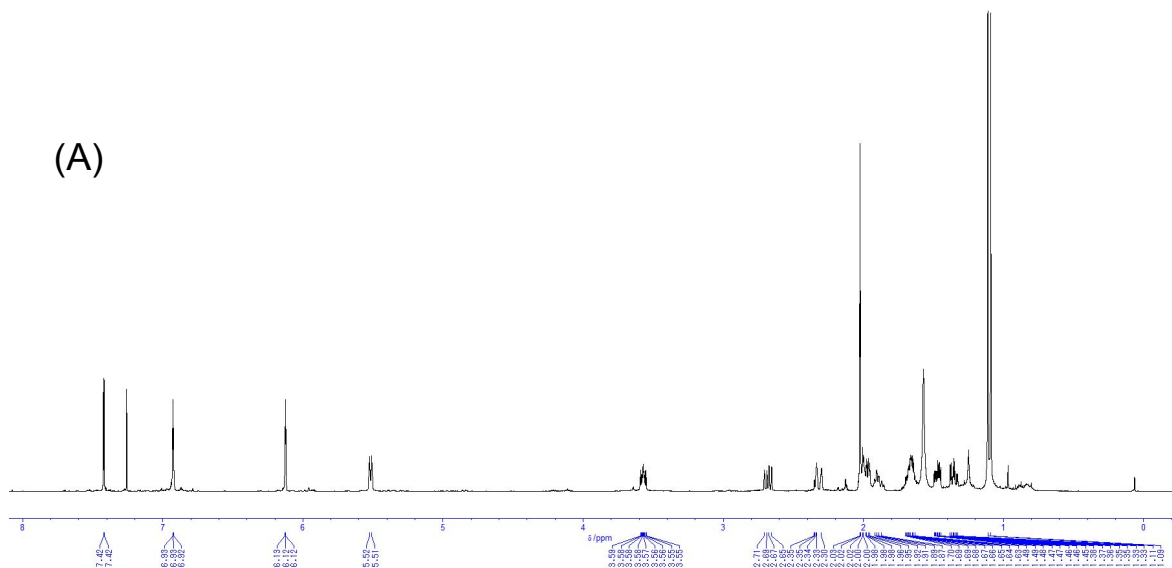


Supplementary Figure 2. CD spectra of orobanchol and *ent-2'-epi-5-deoxystrigol* purified from rice root exudate

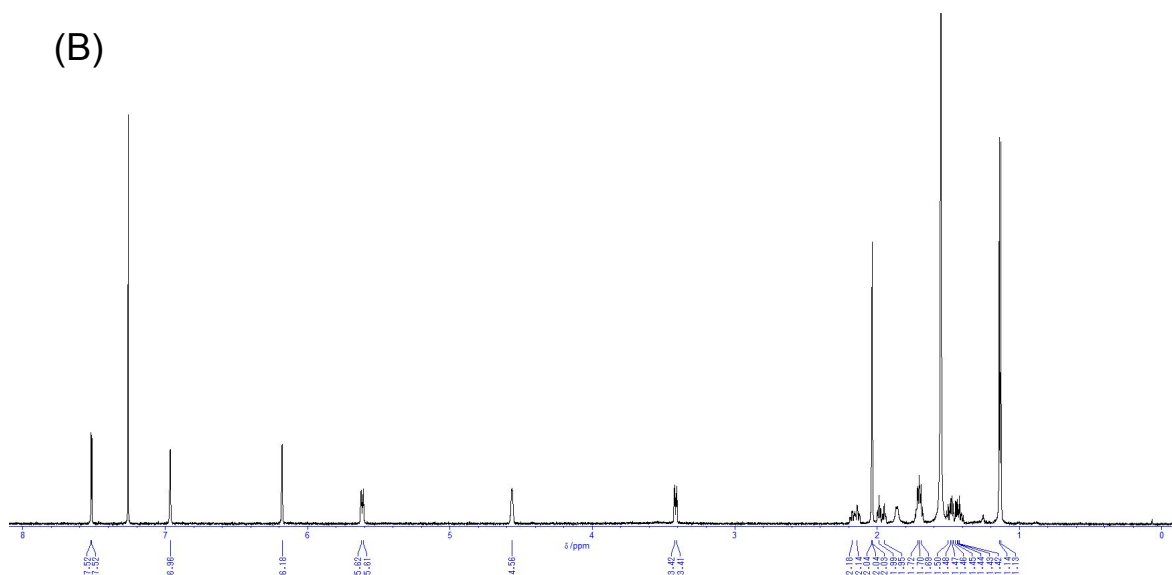


Supplementary Figure 3. CD spectrum of solanacyl acetate purified from tobacco root exudate

(A)

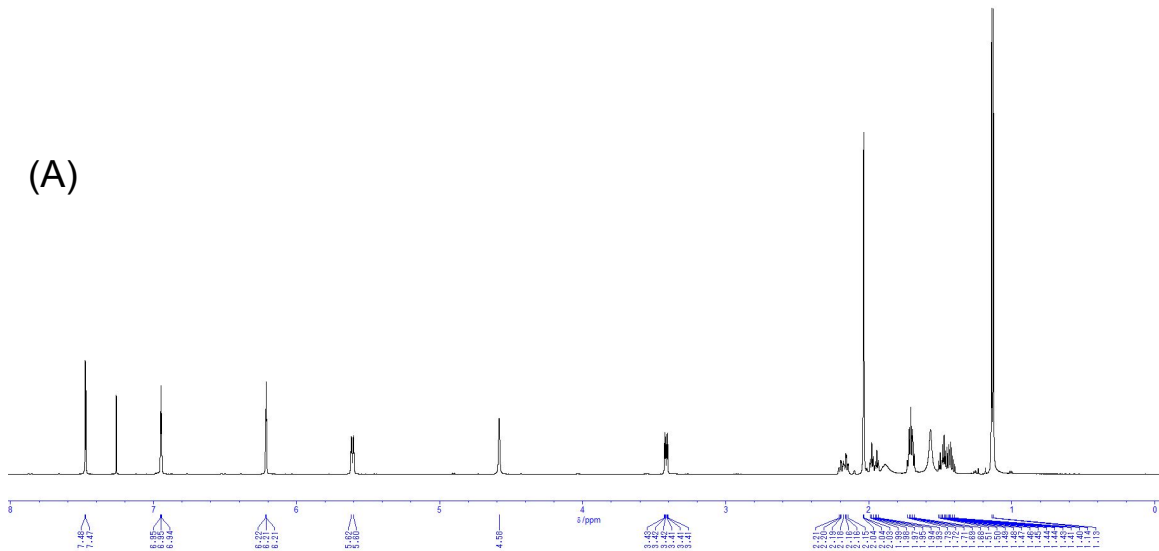


(B)

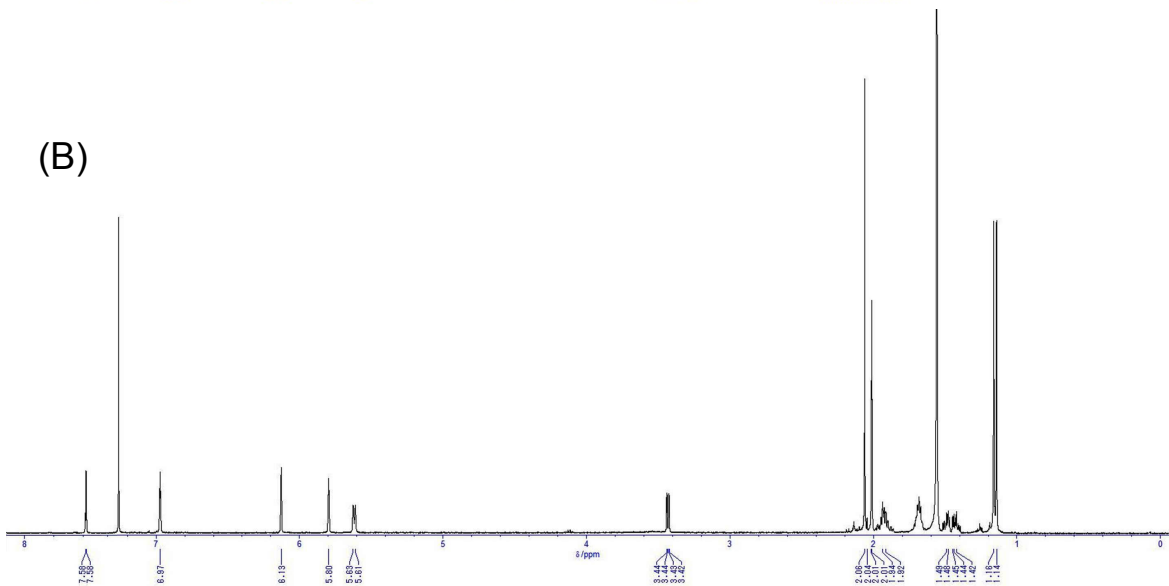


Supplementary Figure 4. ¹H NMR spectra of *ent*-2'-*epi*-5-deoxystrigol (A) and orobanchol (B)

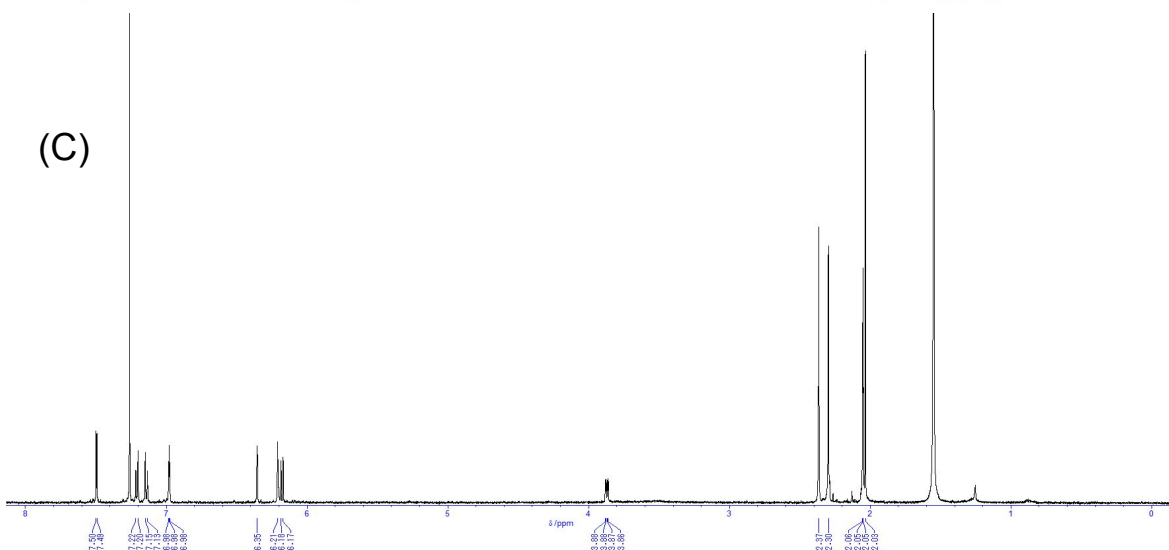
(A)



(B)



(C)



Supplementary Figure 5. ¹H NMR spectra of *ent*-2'-*epi*-orobanchol (A), *ent*-2'-*epi*-orobanchyl acetate (B) and solancyl acetate (C)