

Supporting Information

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Synthesis of (E)-10-hydroxy-2-decenoic acid ethyl ester via a one-pot tandem oxidation-Wittig process

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(E:Z >99:1)-10-hydroxy-2-decenoic acid (1H, CDCl₃, 300K)



Figure S1: ¹H NMR spectrum of (E:Z >99:1) 10-hydroxy-2-decenoic acid (4)

(E:Z >99:1)-10-hydroxy-2-decenoic acid (13C, CDCl3, 300K)

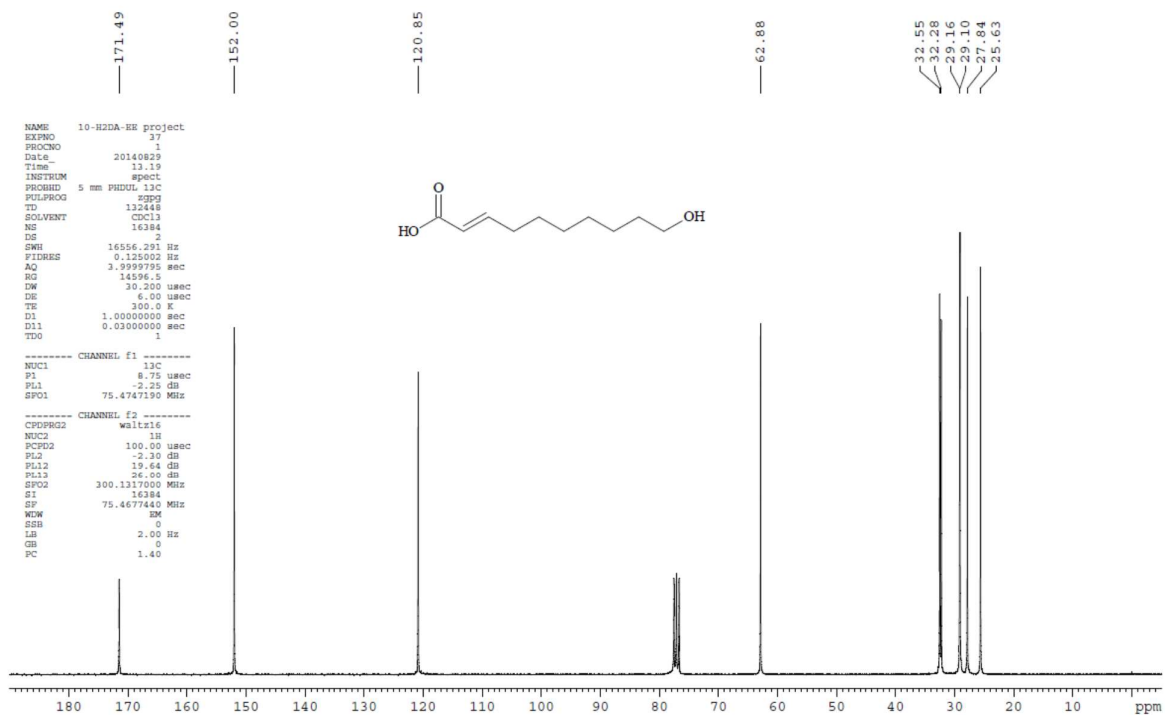


Figure S2: ¹³CNMR spectrum of (E:Z >99:1) 10-hydroxy-2-decenoic acid (4)

(E:Z >99:1)-10-hydroxy-2-decenoic acid (1H COSY, CDCl₃, 300K)

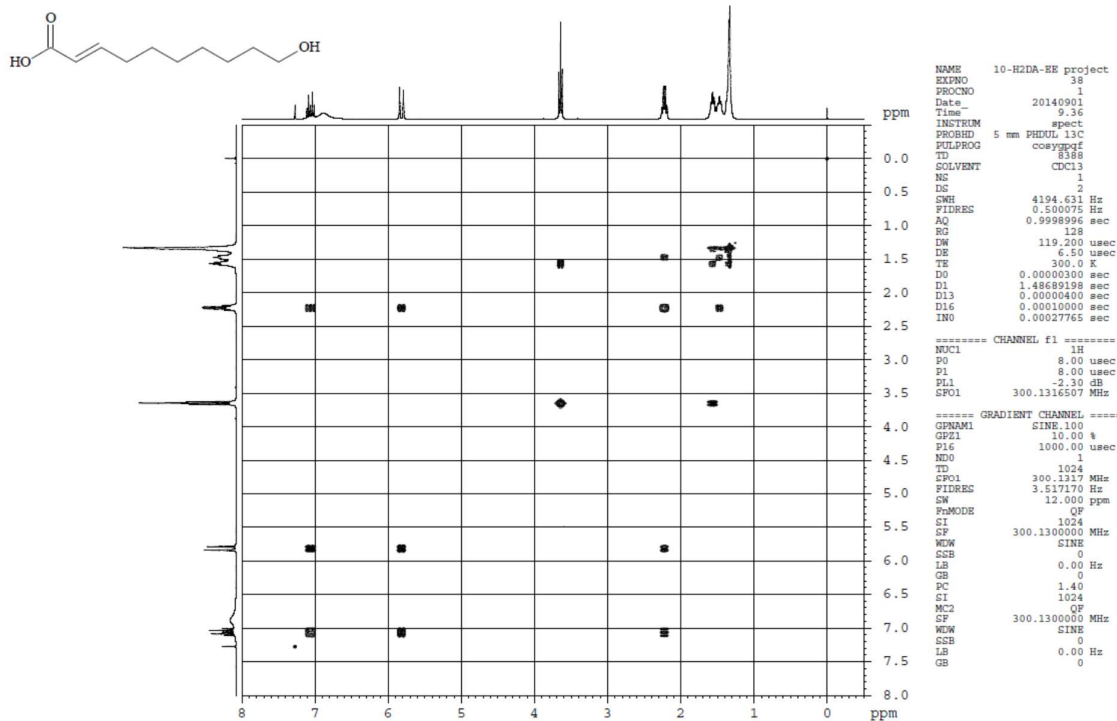


Figure S3: COSY spectrum of (E:Z >99:1) 10-hydroxy-2-decenoic acid (4)

(E:Z >99:1)-10-hydroxy-2-decenoic acid (1H-13C HSQC, CDCl3, 300K)

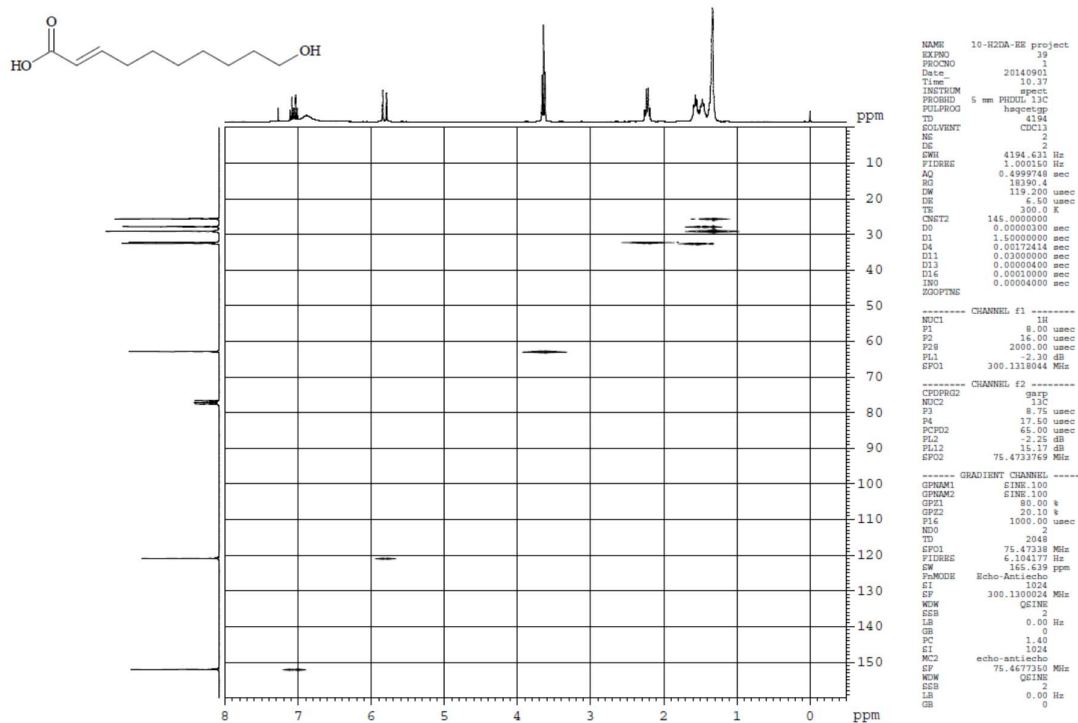


Figure S4: HSQC spectrum of (E:Z >99:1) 10-hydroxy-2-decenoic acid (4)