ADDITIONAL FIILE

In vitro antiplasmodial activity and toxicological profile of extracts, fractions and chemical constituents of leaves and stem bark of *Dacryodes edulis* (Burseraceae)

By

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Lichexanthone (1)

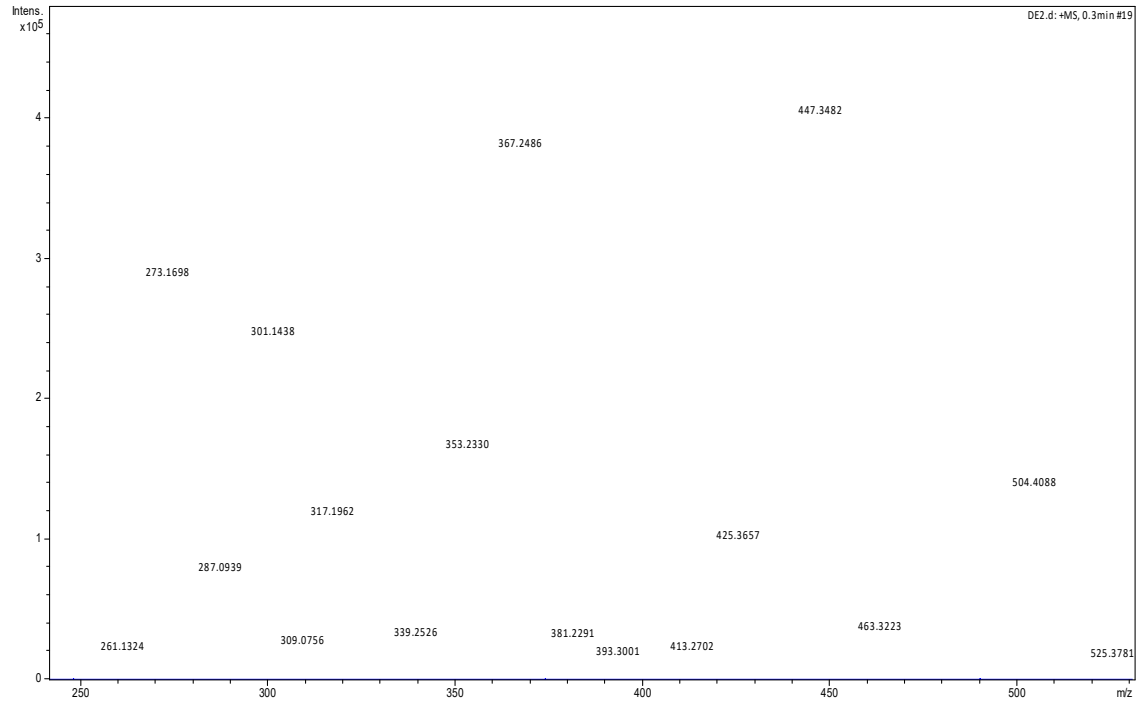

Figure S1: HR-ESI mass spectrum of **1**

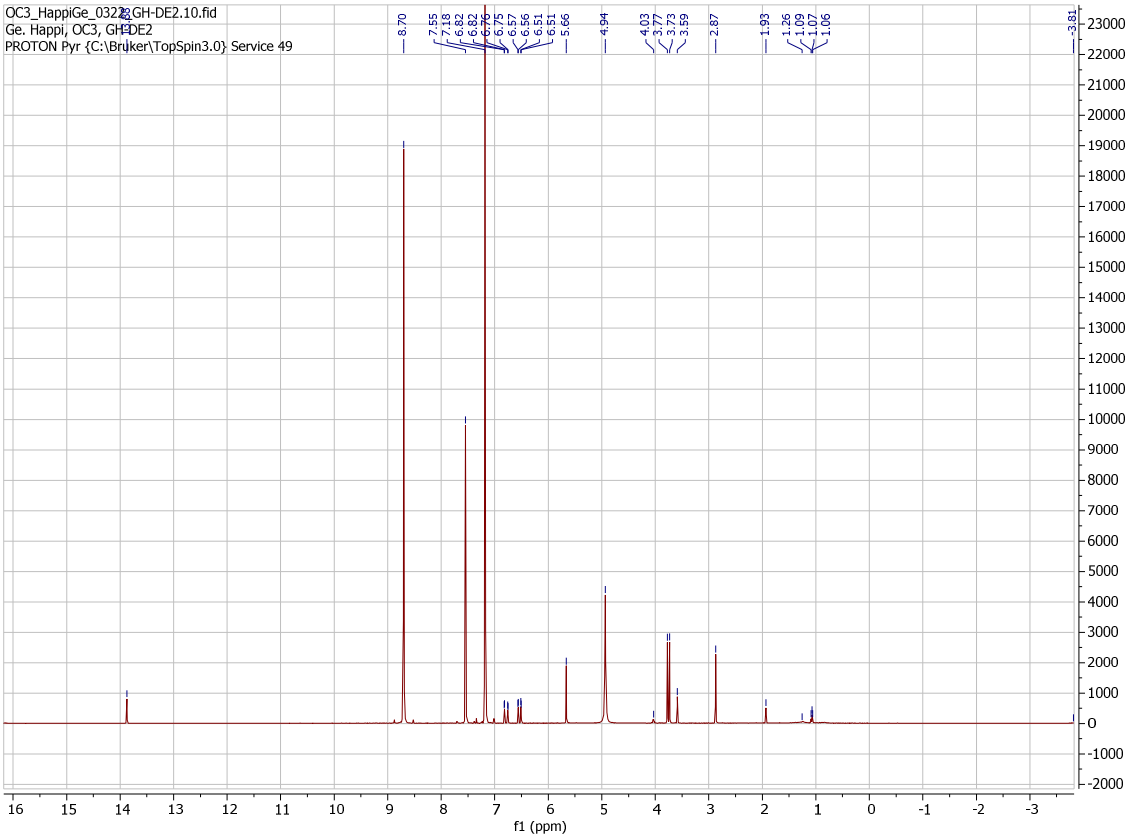

Figure S2: ^{1}H NMR spectrum (Pyridin-d_5, 600 MHz) of **1**

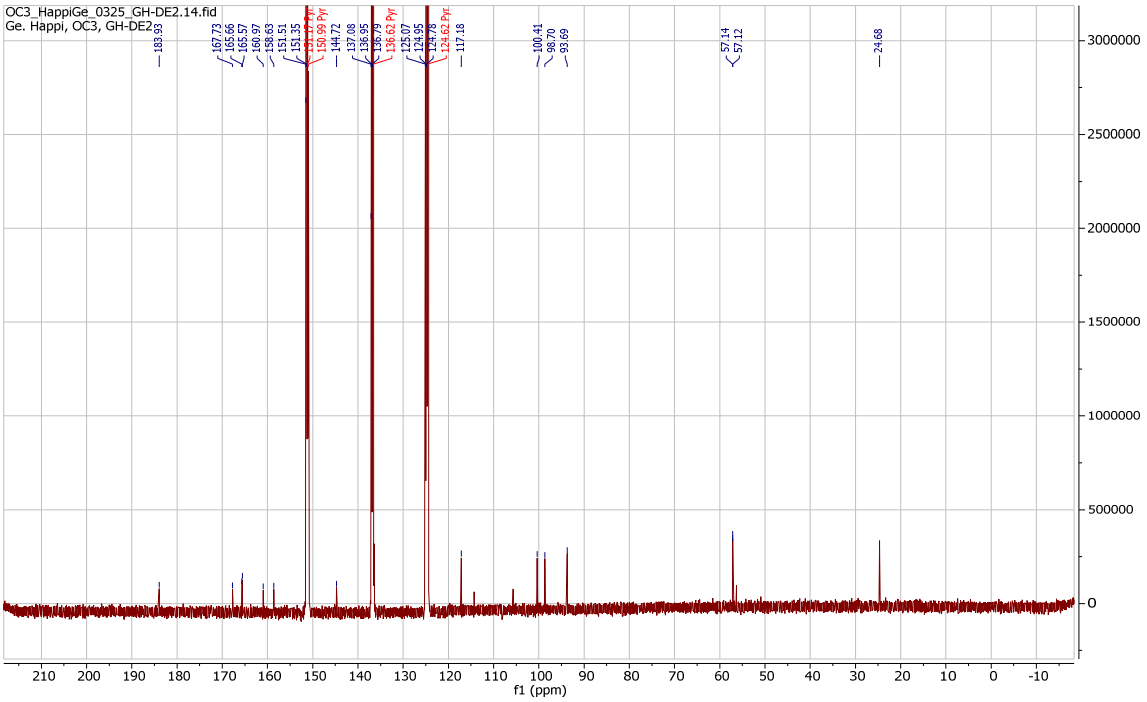

Figure S3: ^{13}C NMR spectrum (Pyridin-d_5, 150 MHz) of **1**

Griseoxanthone (2)

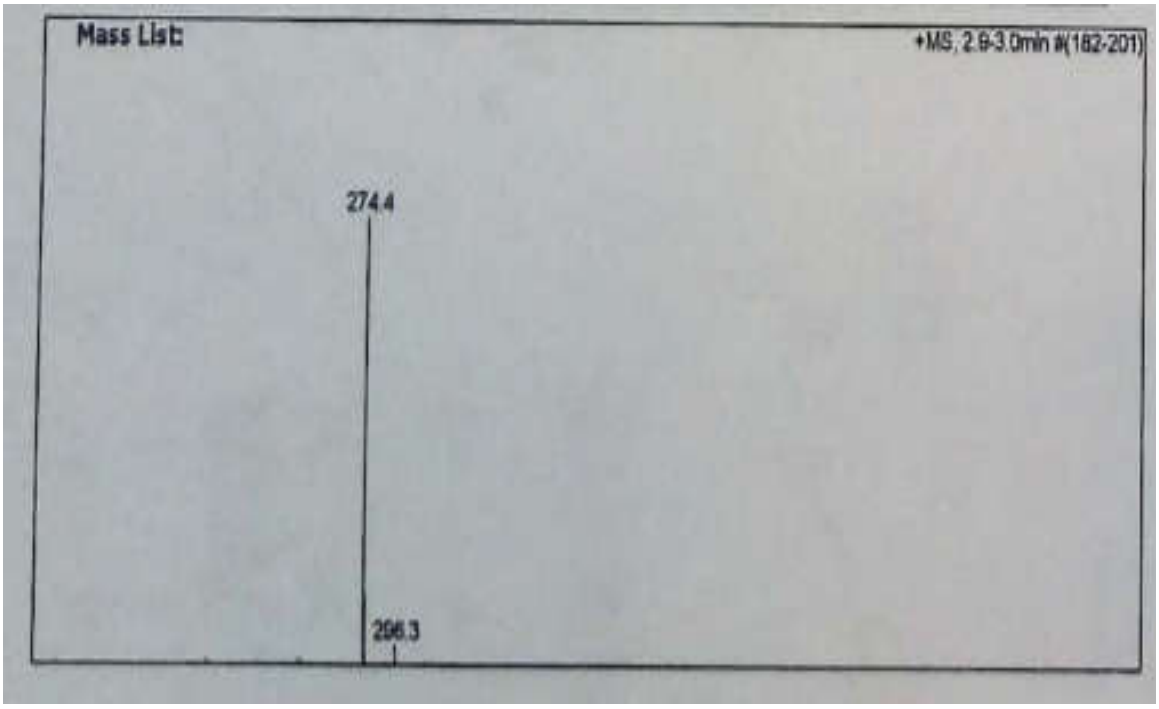

Figure S4: ESI mass spectrum of **2**

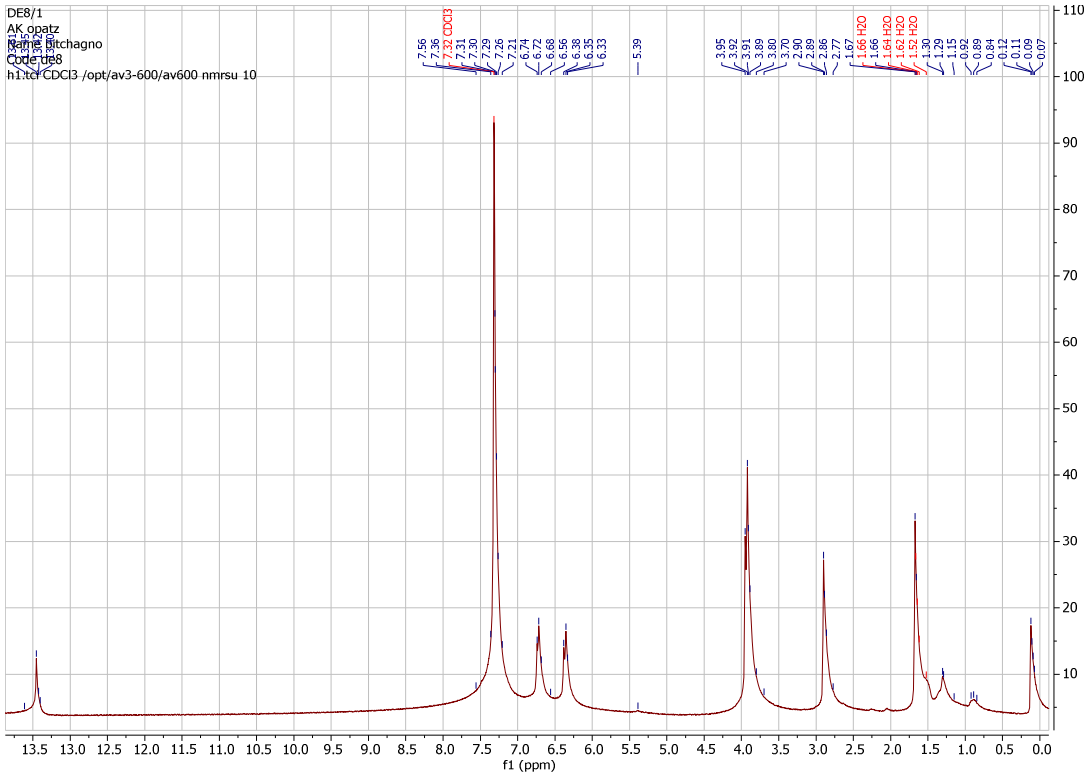

Figure S5: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **2**

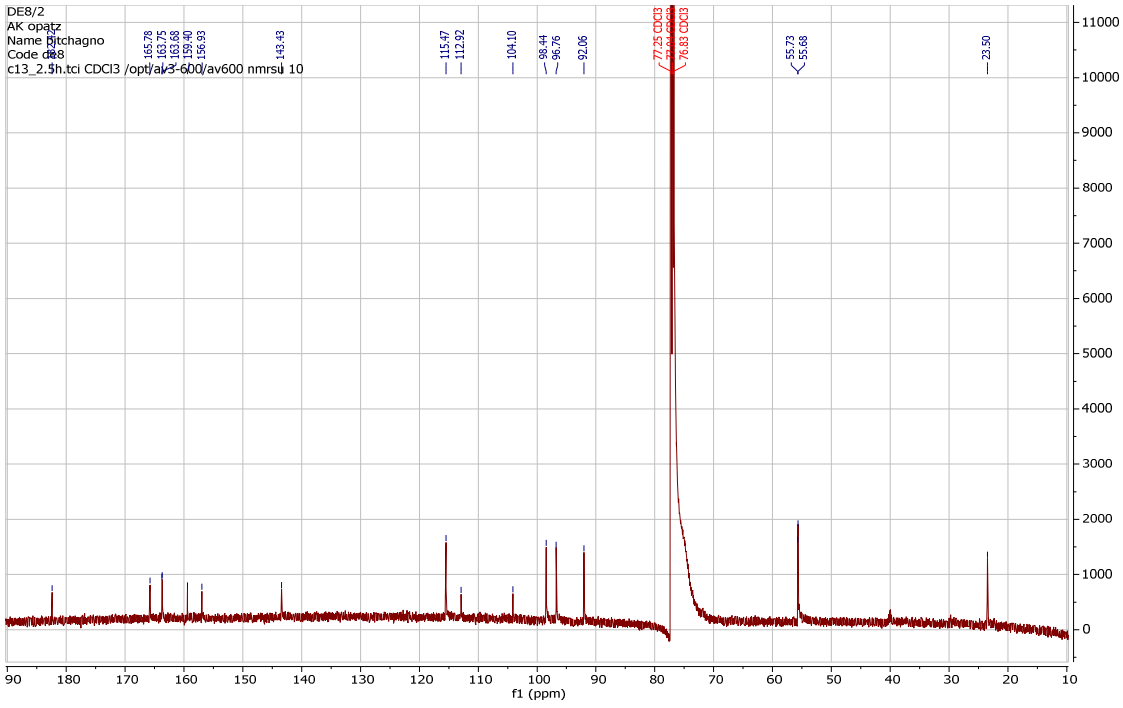

Figure S6: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **2**

3-3'-*O*-dimethylellargic acid (3)

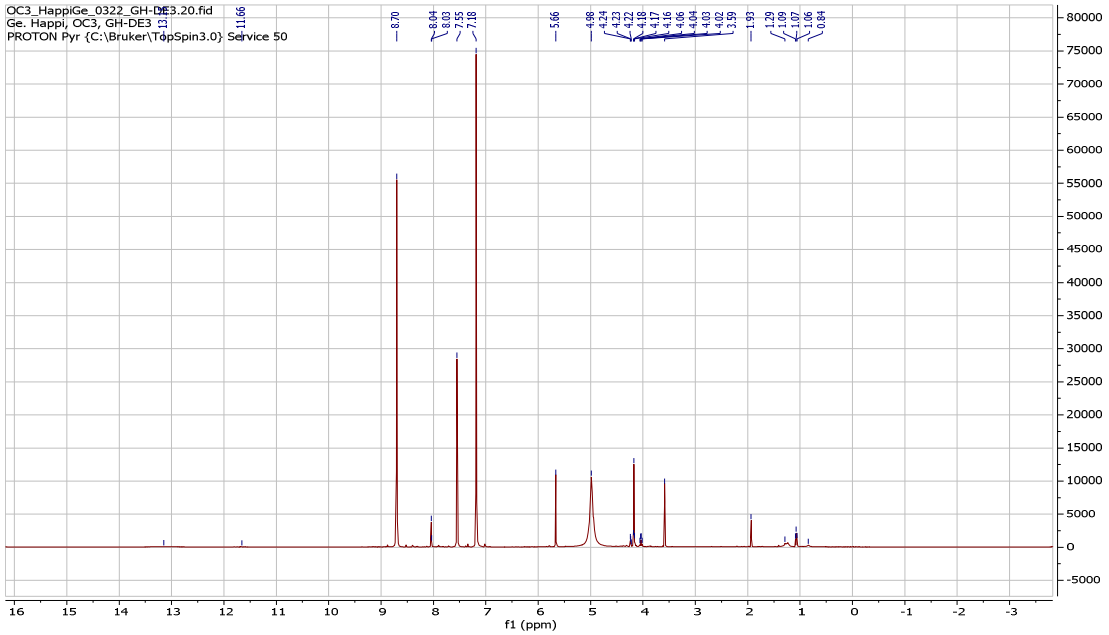

Figure S7: ^{1}H NMR spectrum (Pyridin-d_5, 600 MHz) of **3**

3,3′,4-tri-*O*-methylellargic (4)

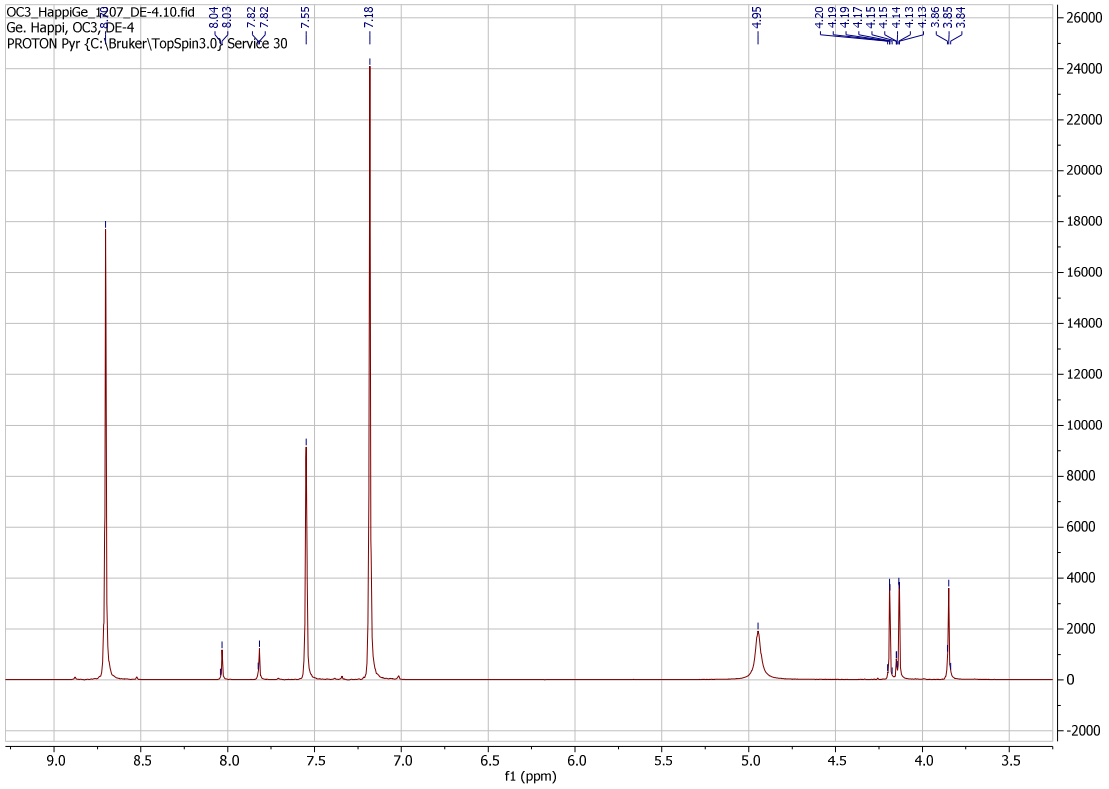

Figure S8: ^{1}H NMR spectrum (Pyridin-d_5, 600 MHz) of **4**

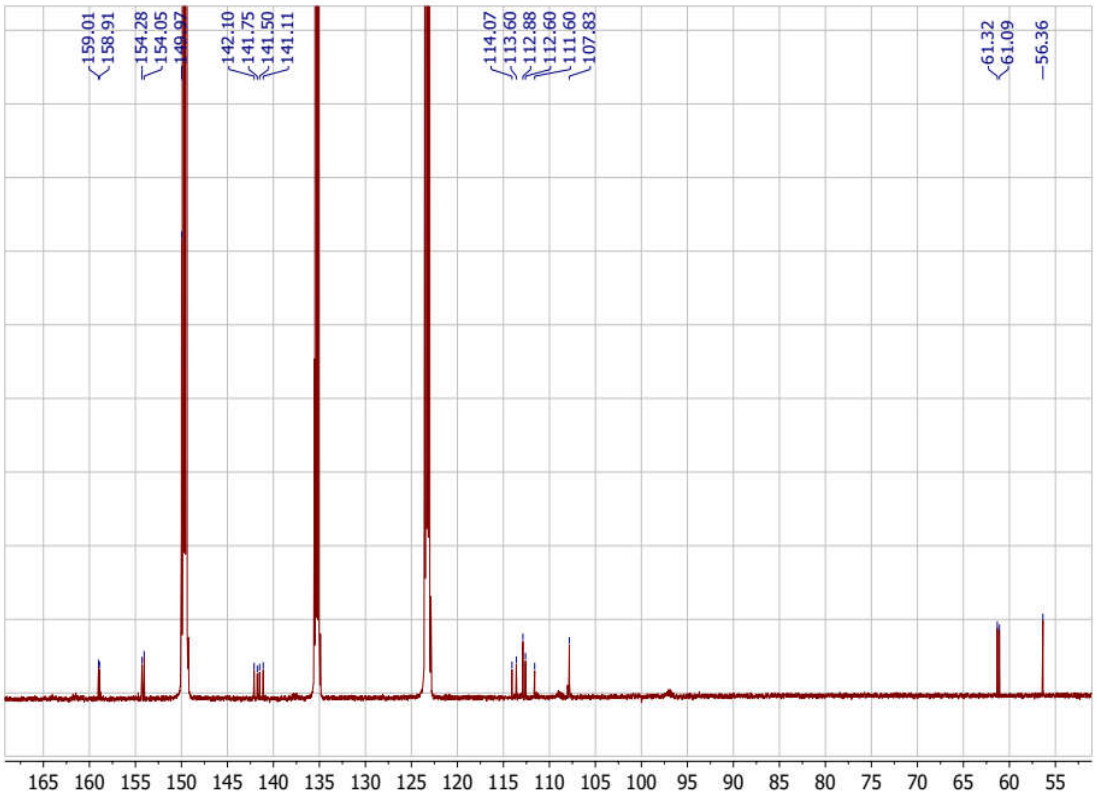

Figure S9: ^{13}C NMR spectrum (Pyridin-d_5, 150 MHz) of **4**

3,3″-di-*O*-methylellargic acid 4-*O*-(3″-galloyl)-*β*-*D*-xylopyranoside (5)

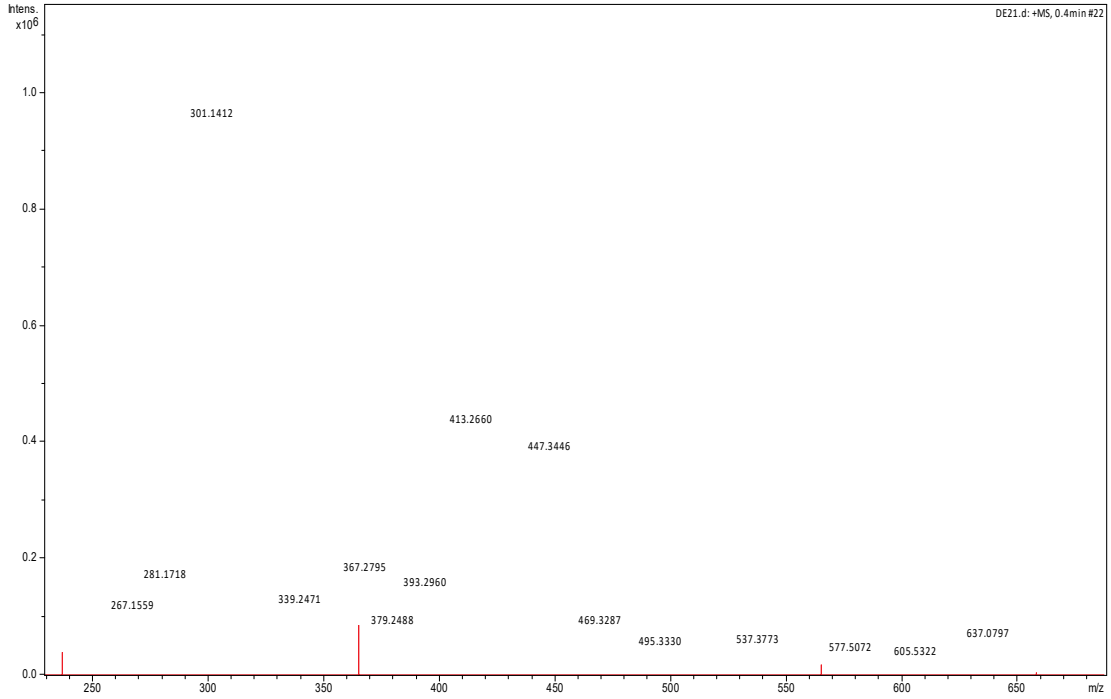

Figure S10: HR-ESI mass spectrum of **5**

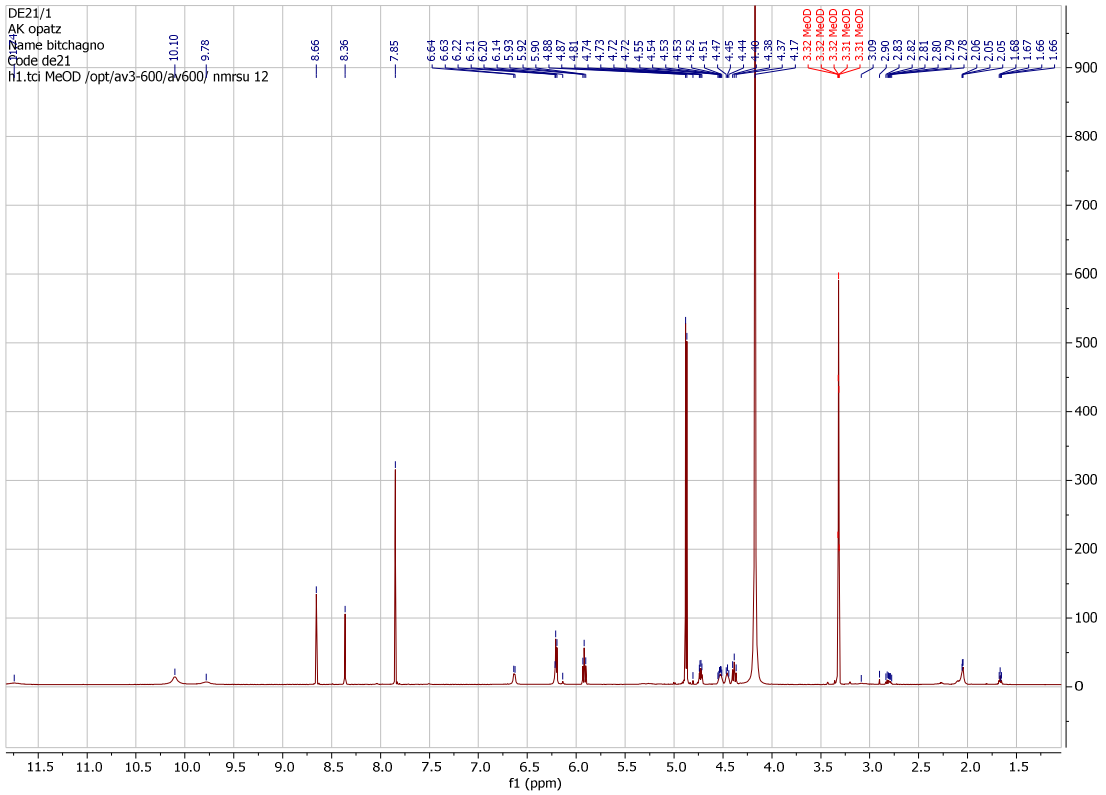

Figure S11: ^{1}H NMR spectrum (CD_3OD, 600 MHz) of **5**

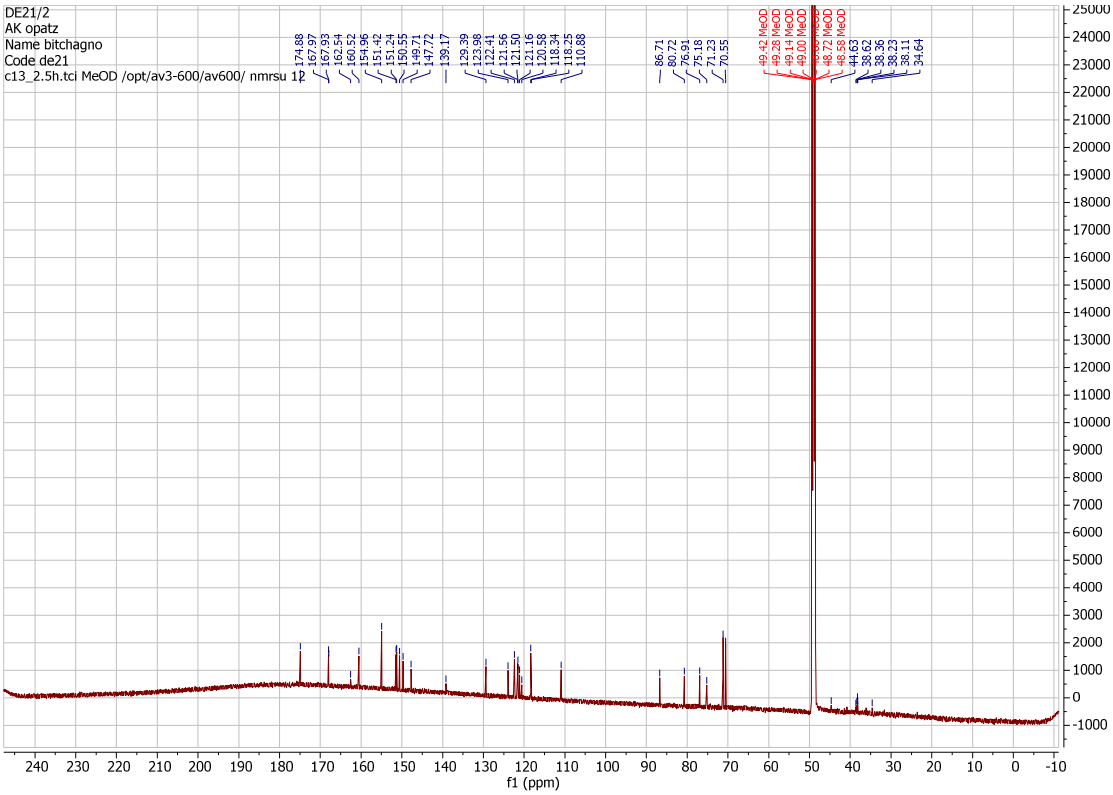

Figure S12: ^{13}C NMR spectrum (CD_3OD, 150 MHz) of **5**

3,4-dihydroxybenzoïc acid (6)

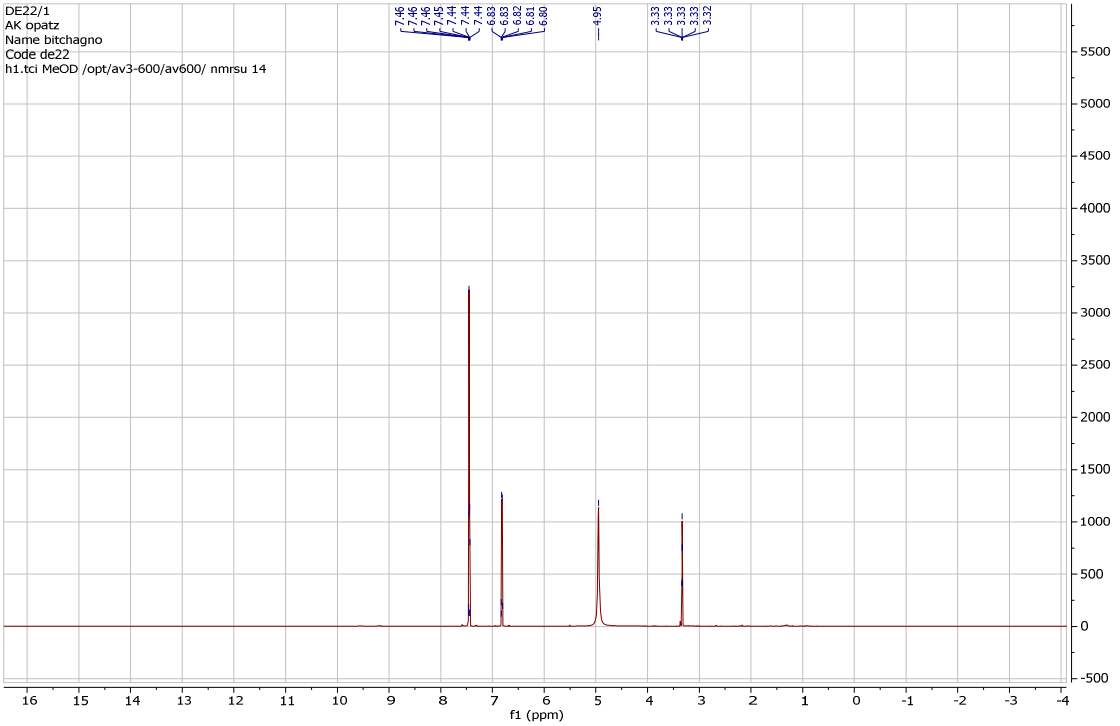

Figure S13: ^{1}H NMR spectrum (CD_3OD, 600 MHz) of **6**

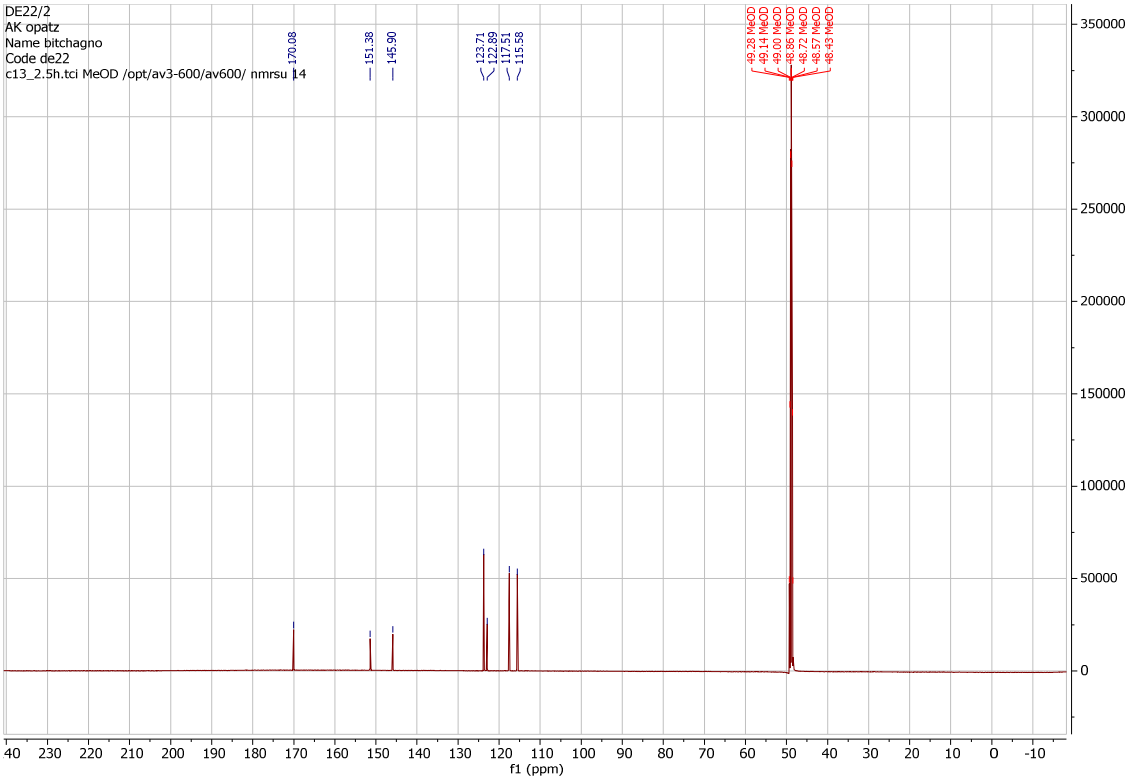

Figure S14: ^{13}C NMR spectrum (CD_3OD, 150 MHz) of **6**

Confluentic acid (7)

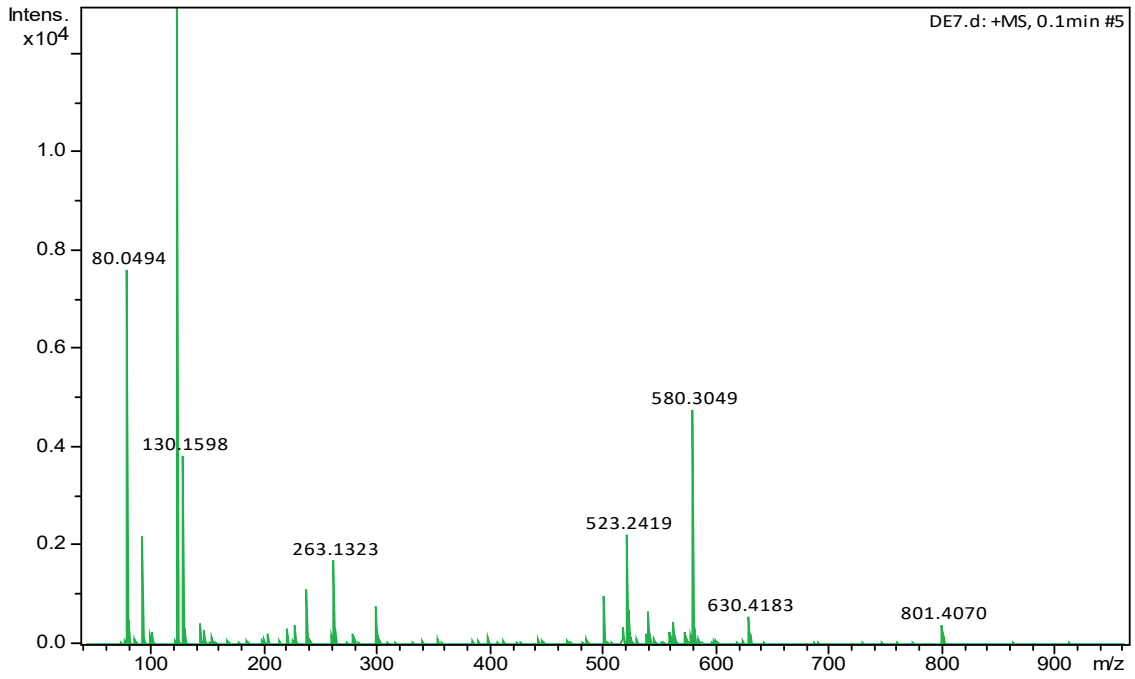

Figure S15: HR-ESI mass spectrum of **7**

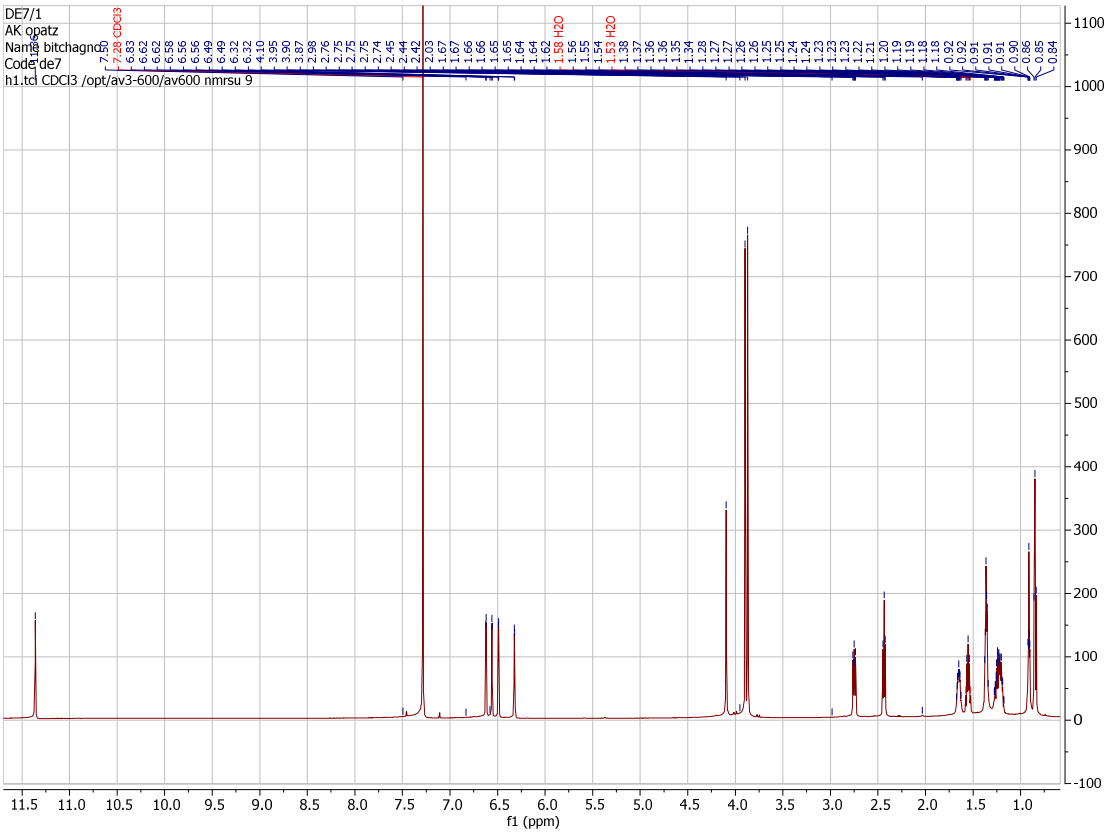

Figure S16: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **7**

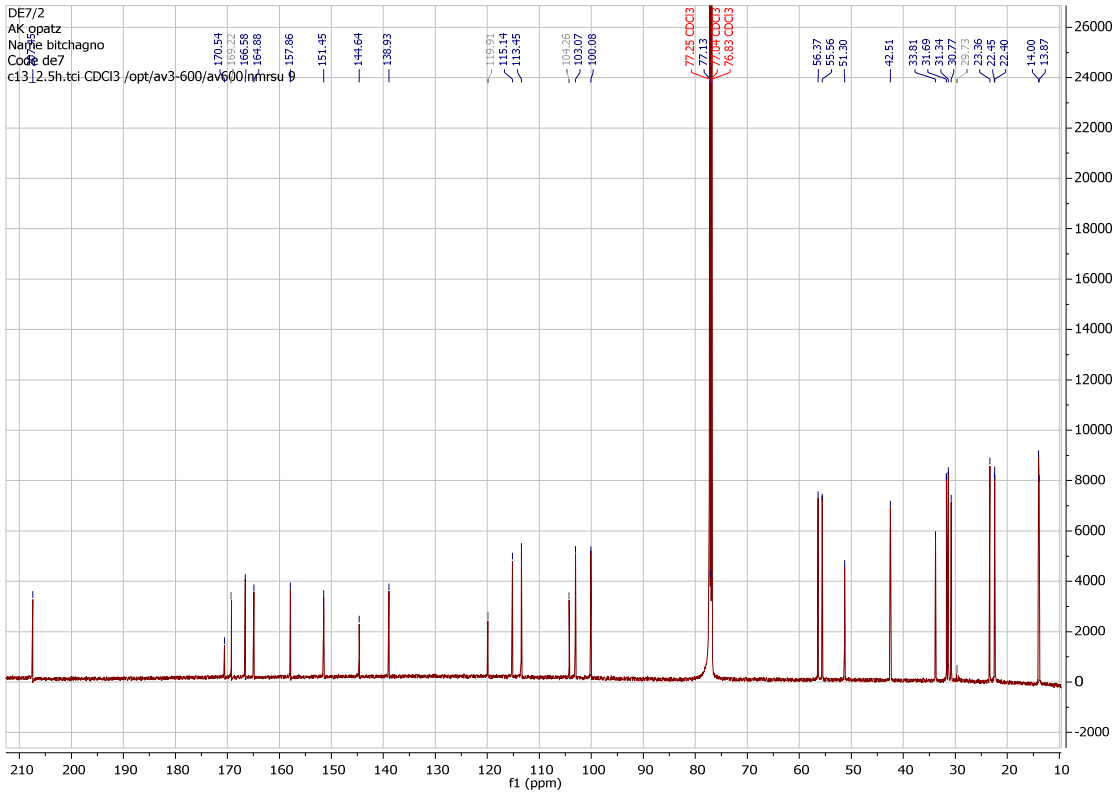

Figure S17: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **7**

Glyceryl-1-tetracosanoate (8)

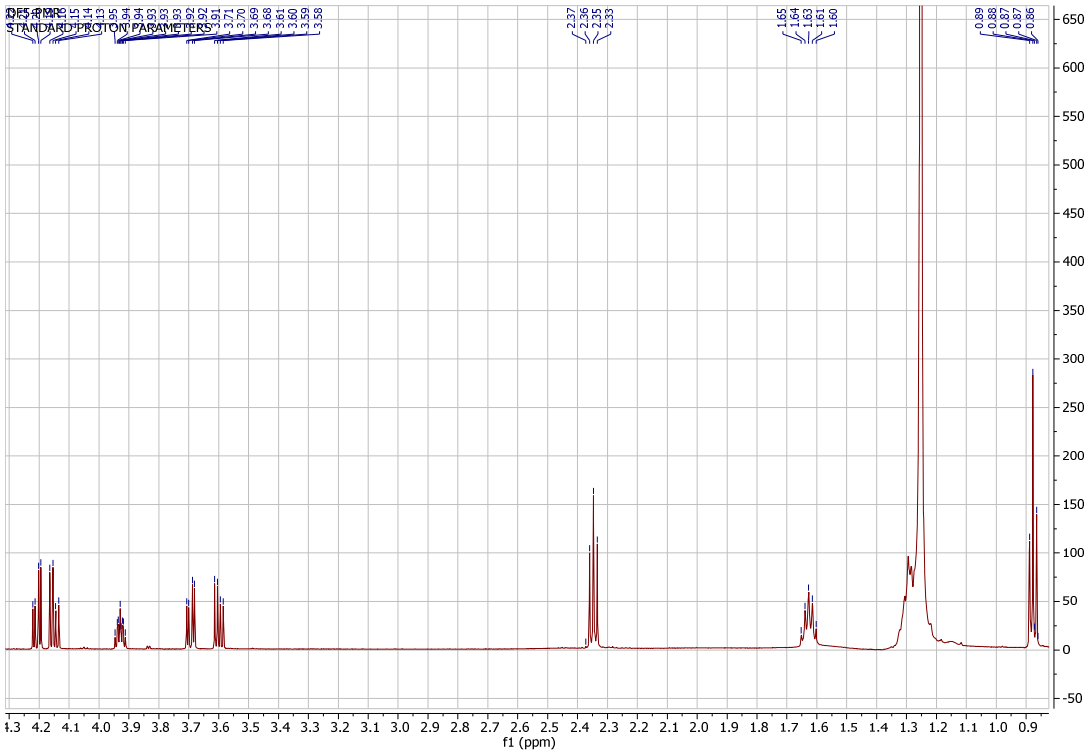

Figure S18: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **8**

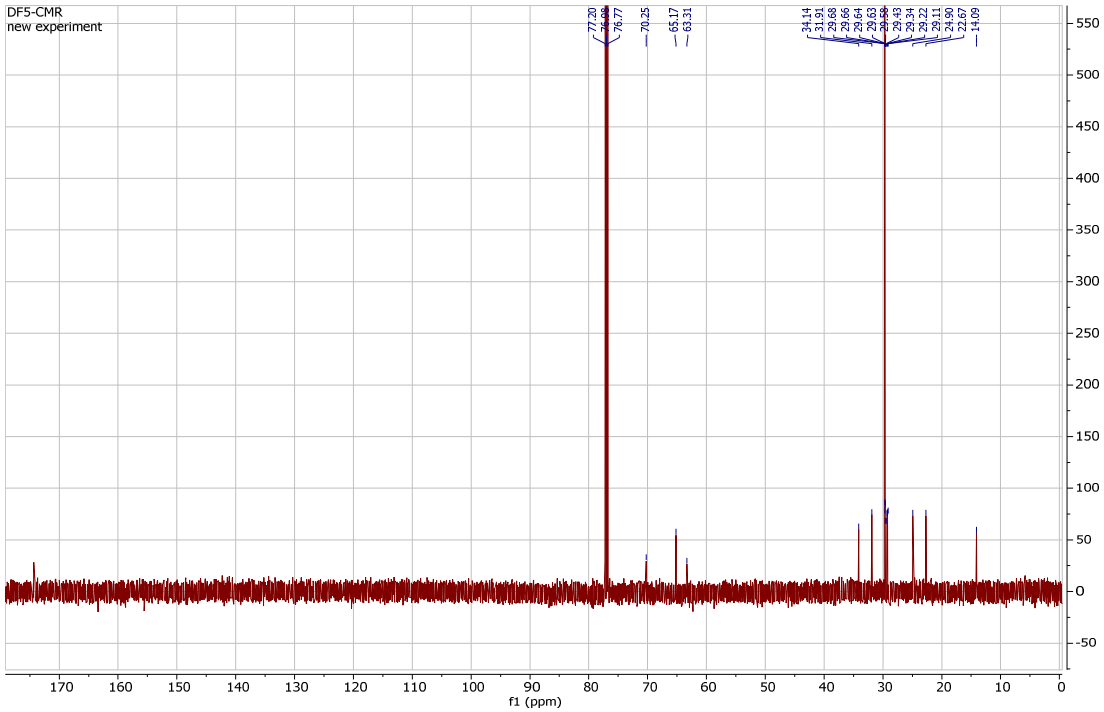

Figure S19: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **8**

Auranthiamide acetate (9)

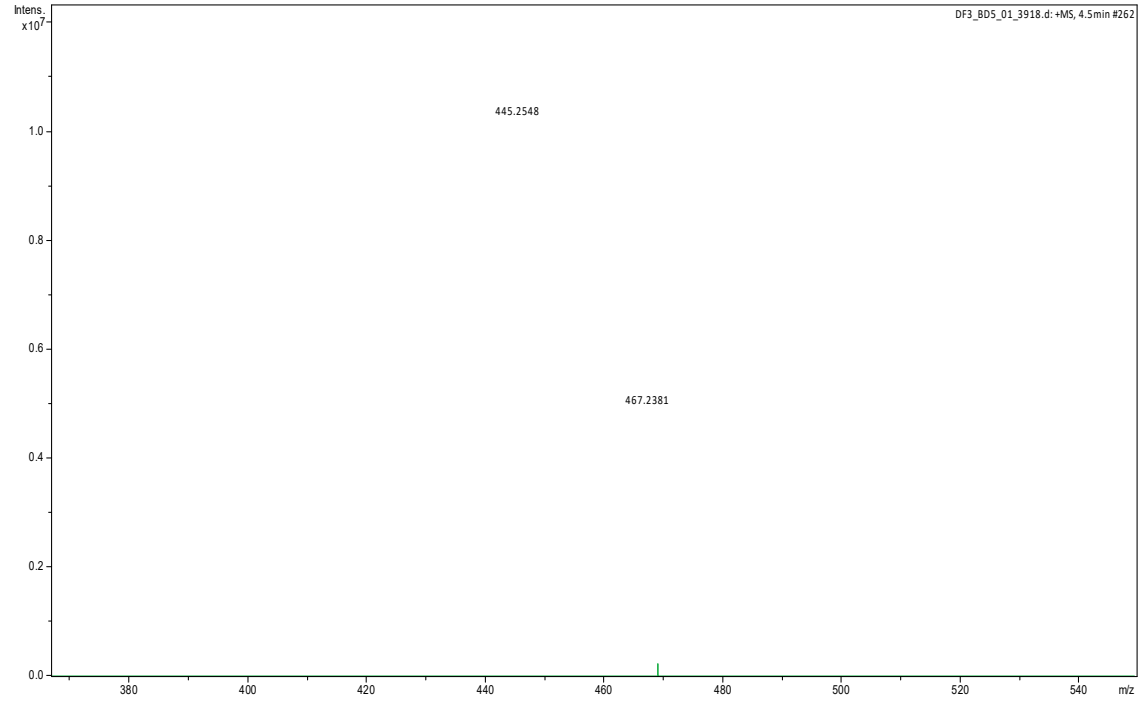

Figure S20: HR-ESI mass spectrum of **9**

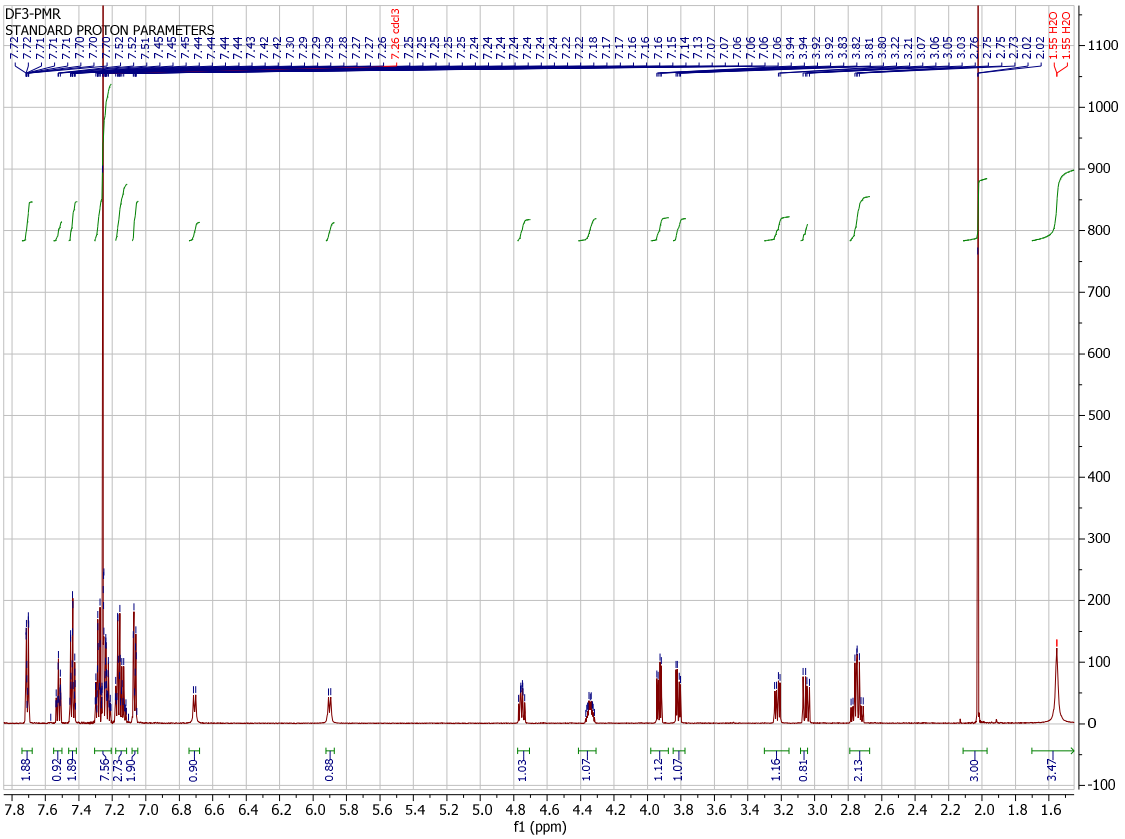

Figure S21: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **9**

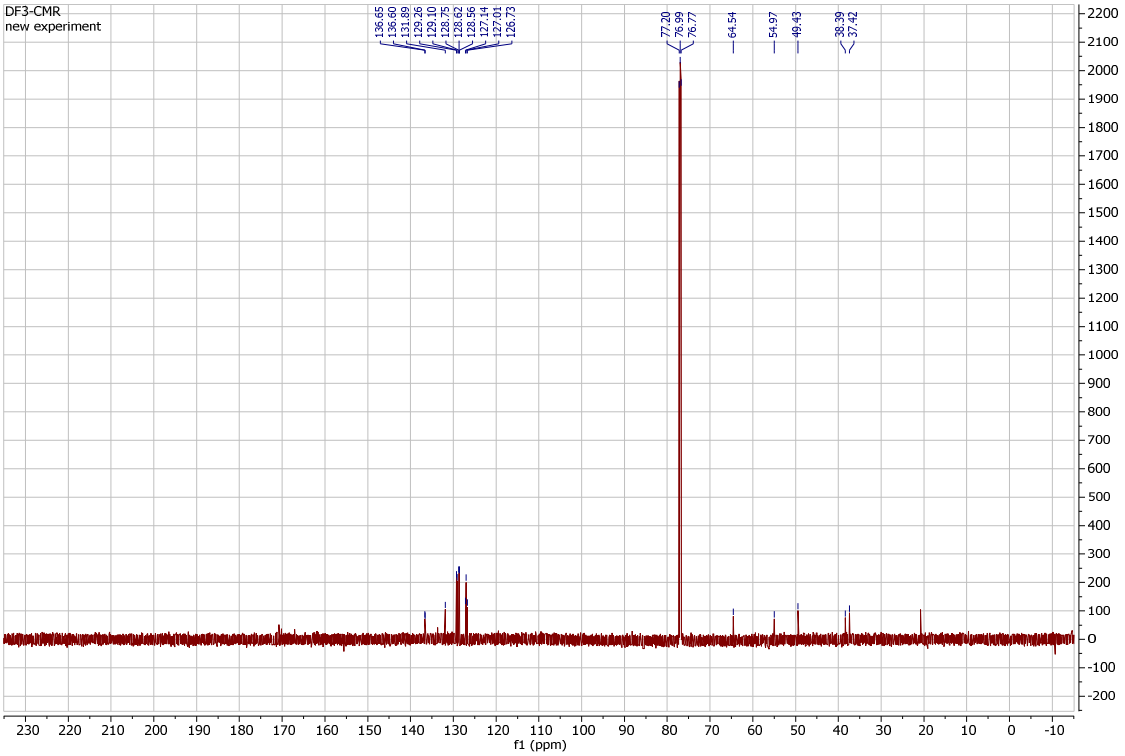

Figure S22: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **9**

Ethyl gallate (10)

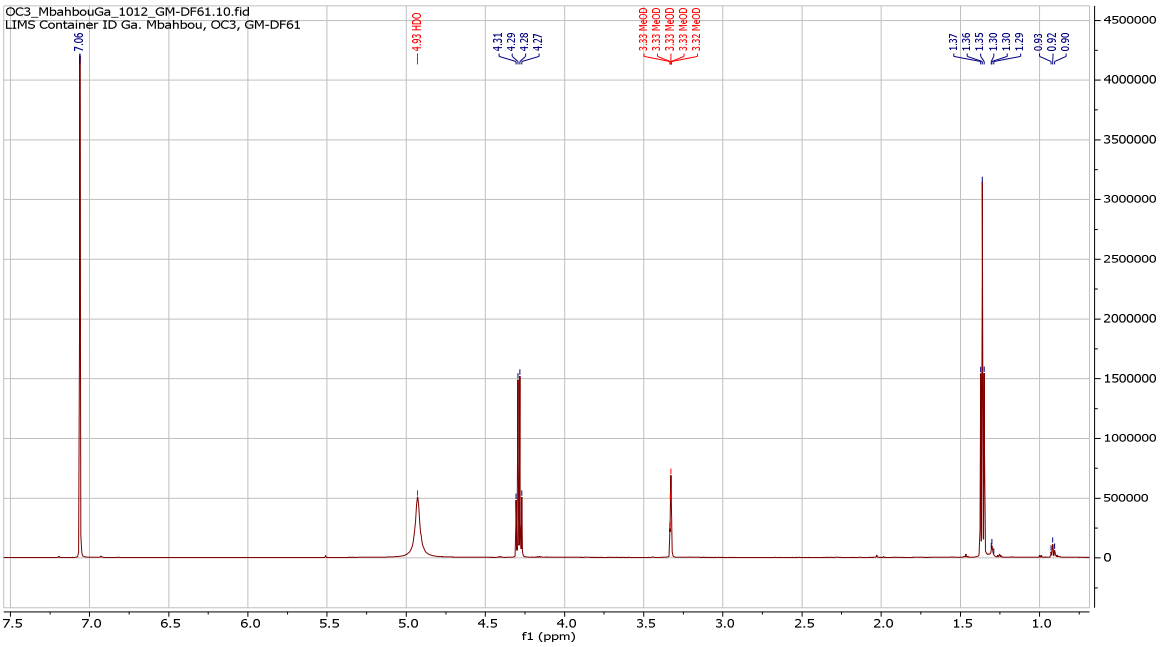

Figure S23: ^{1}H NMR spectrum (CD_3OD, 600 MHz) of **10**

β- amyrinacetate (11)

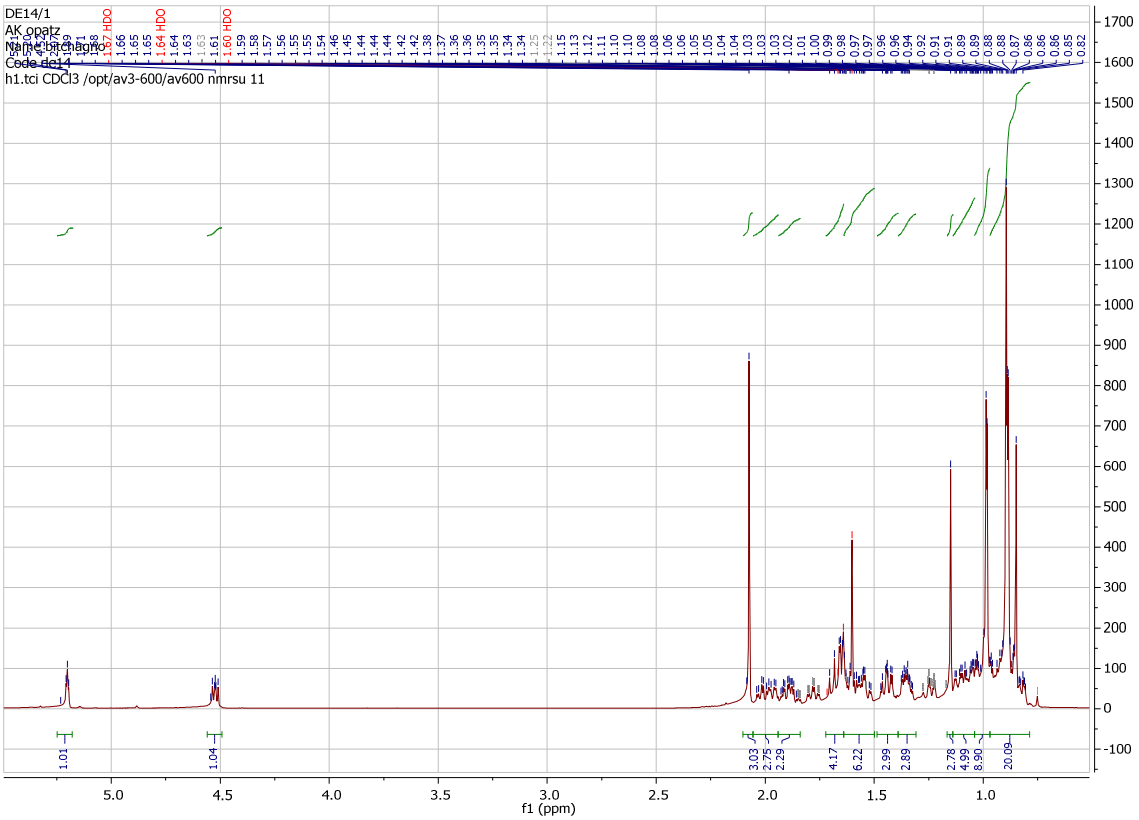

Figure S24: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **11**

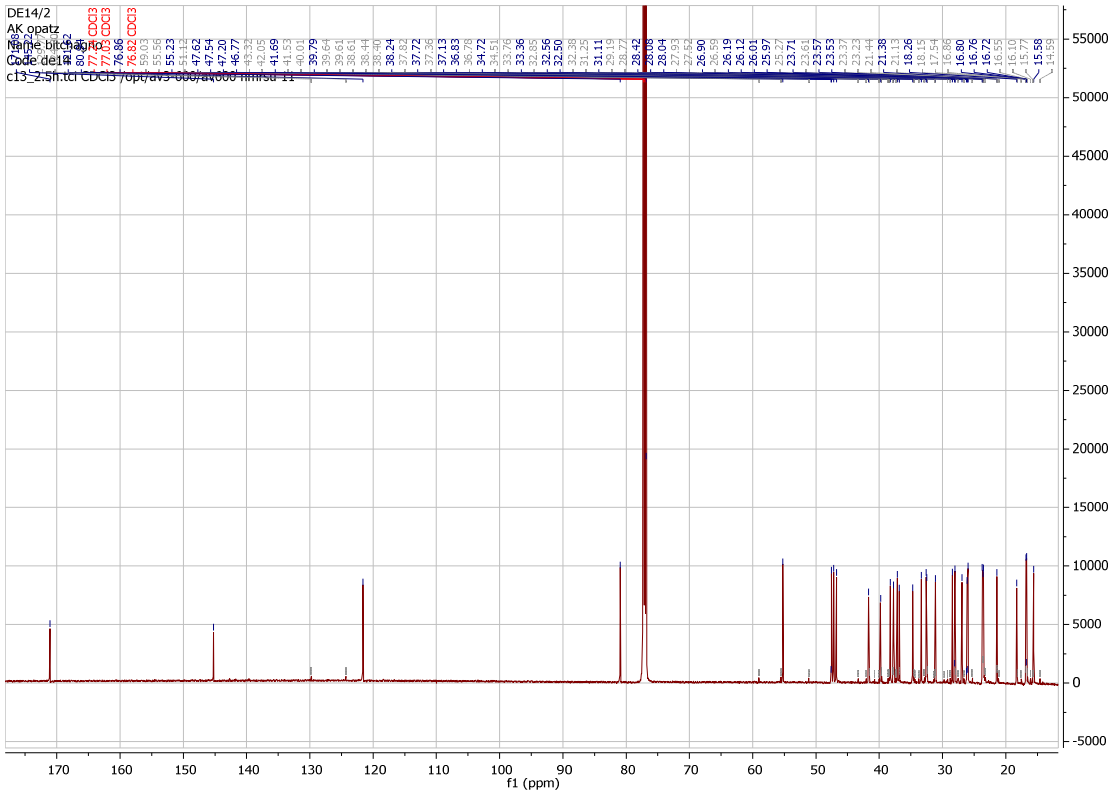

Figure S25: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **11**

β- amyrin (12)

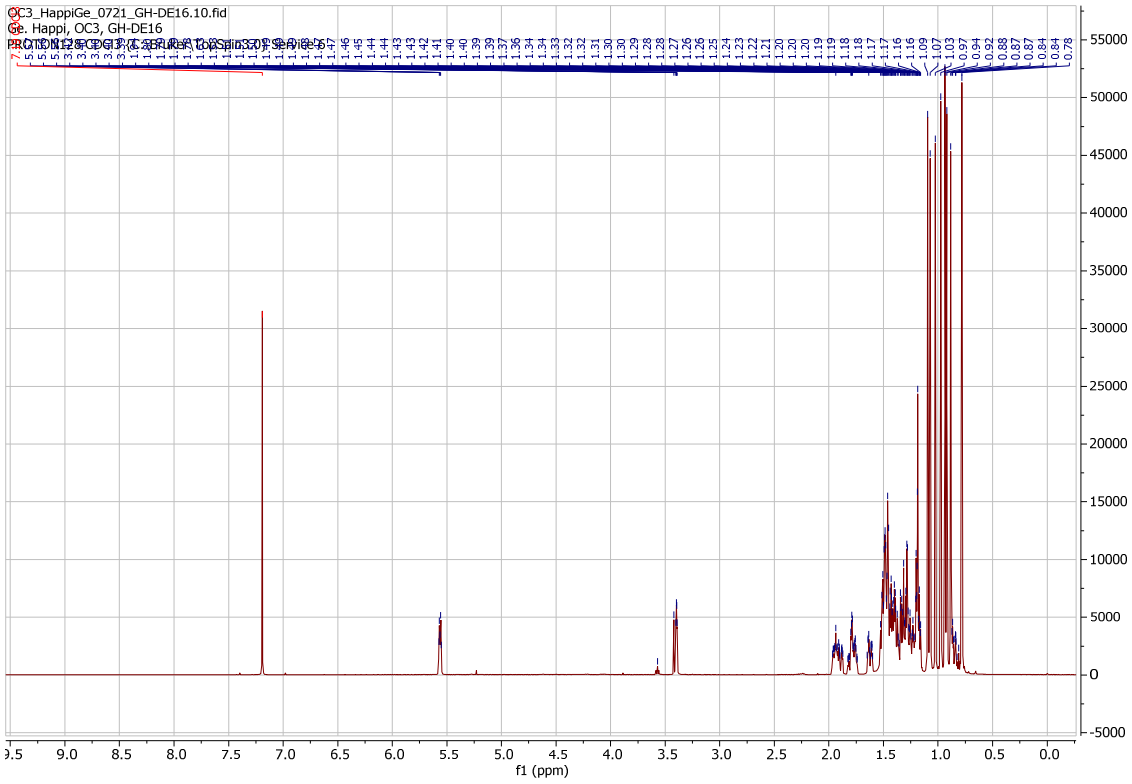

Figure S26: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **12**

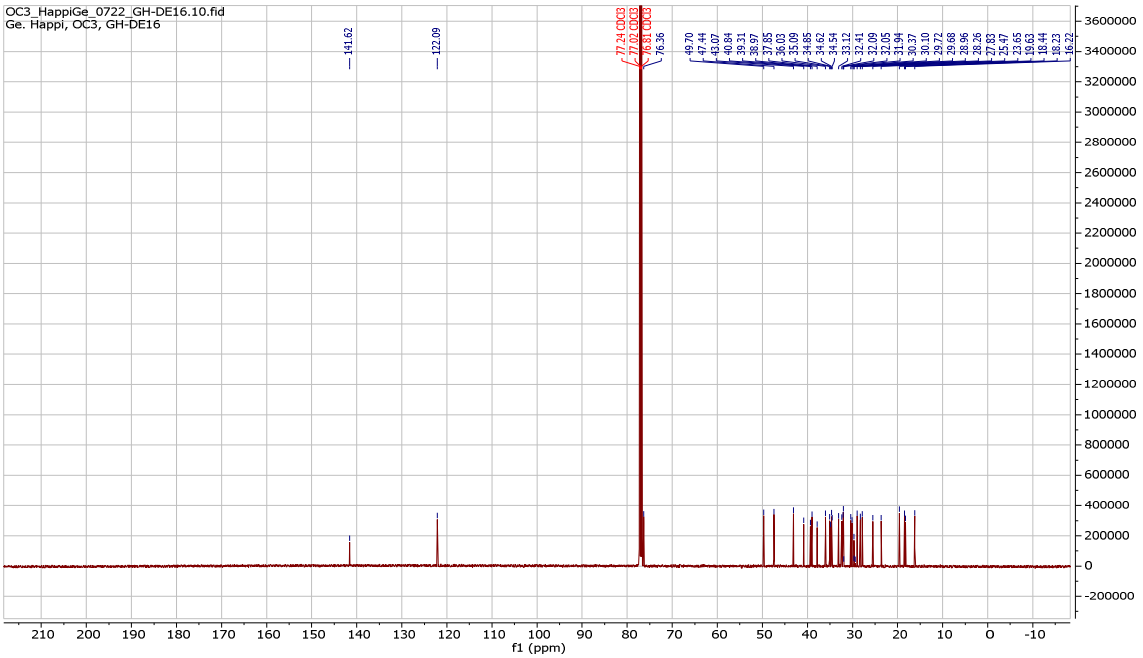

Figure S27: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **12**

3-Oxo-7,24*Z*-tirucalladien-26-oic acid (13)

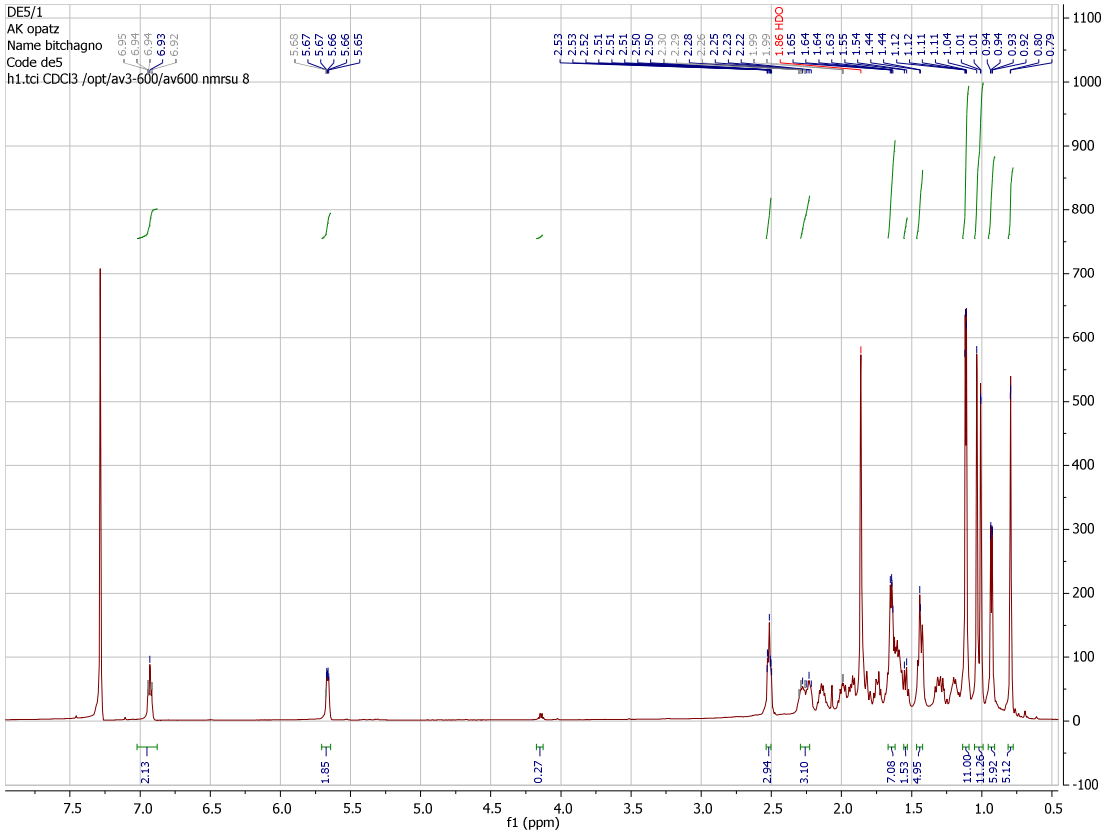

Figure S28: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of 13

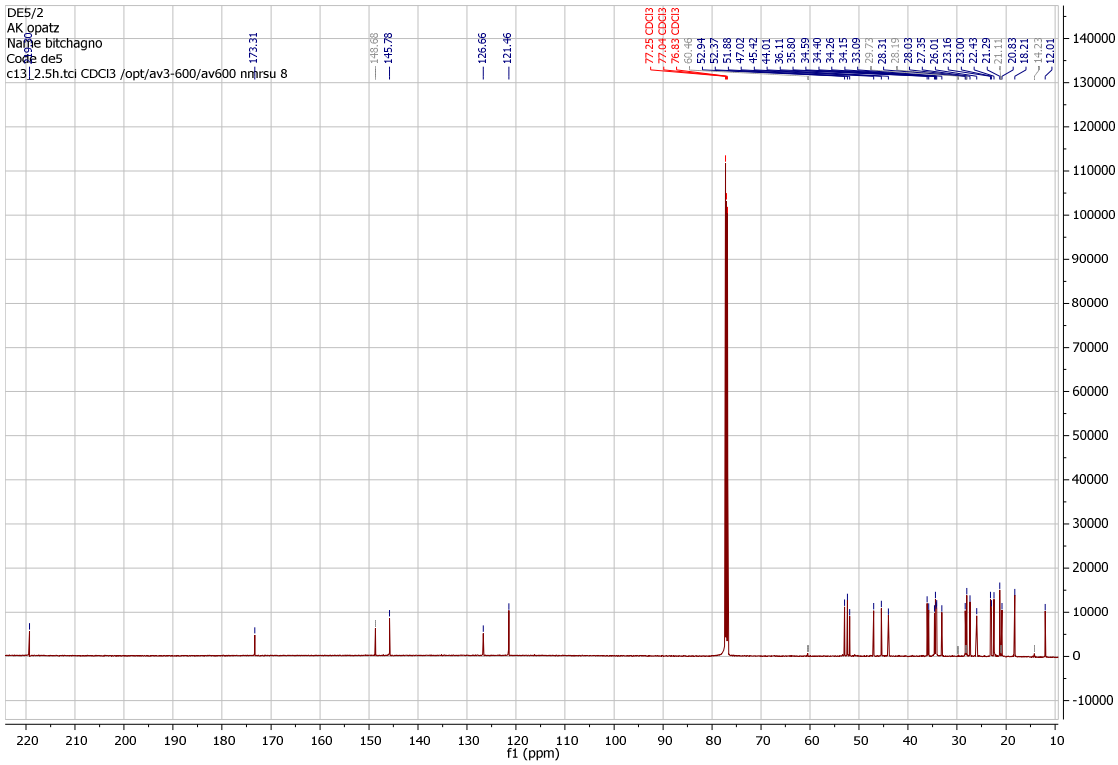

Figure S29: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **13**

Mixture of *β*-and *α*- amyrin (14)

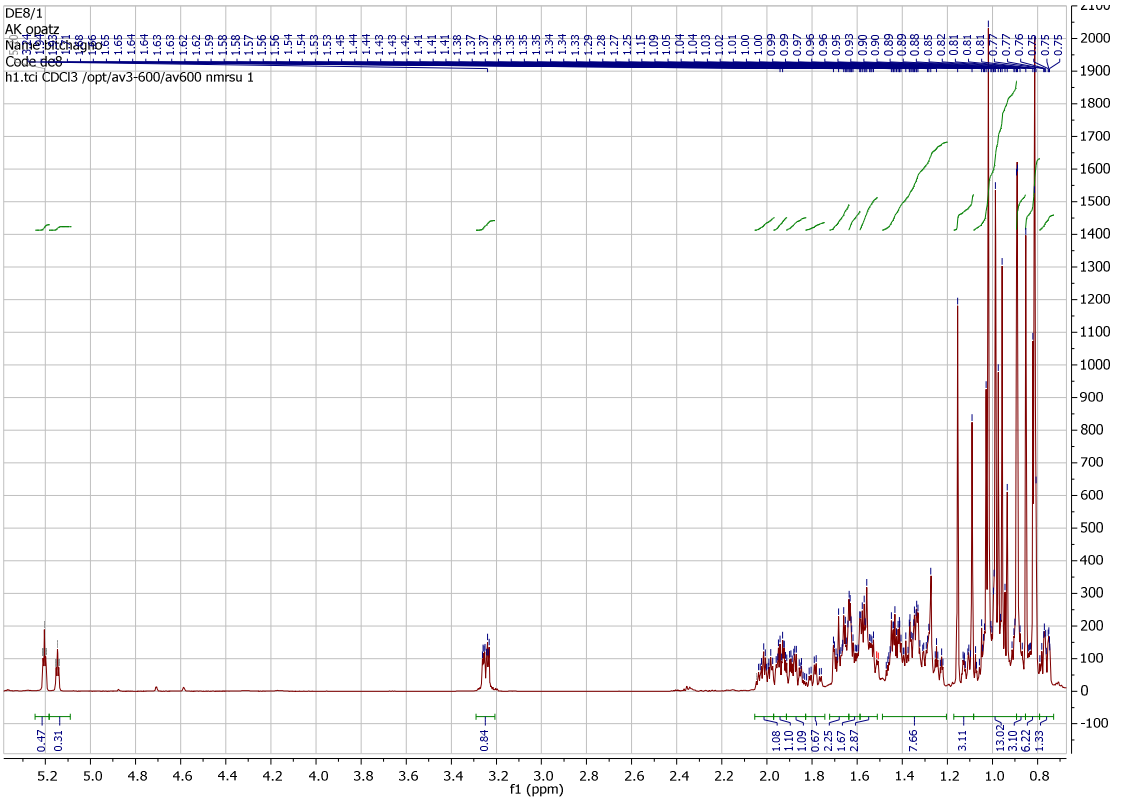

Figure S30: ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of **14**

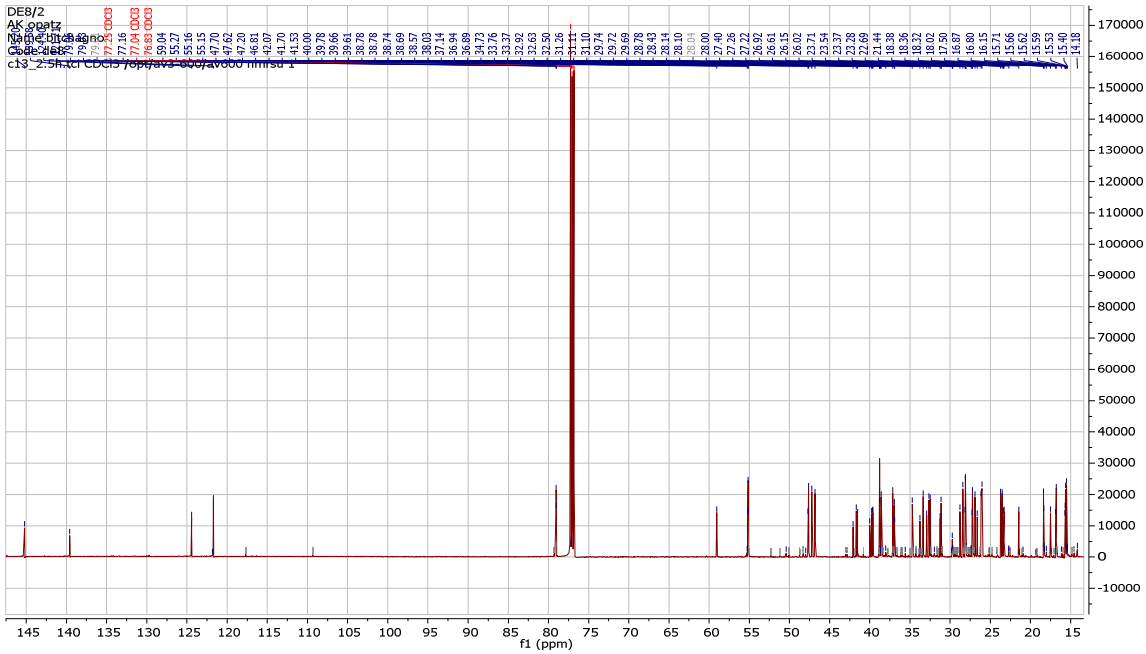

Figure S31: ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of **14**