Supplementary Materials

Hydrolyzable Tannins and Oligomeric proanthocyanidins of Three Polygonaceous Plants

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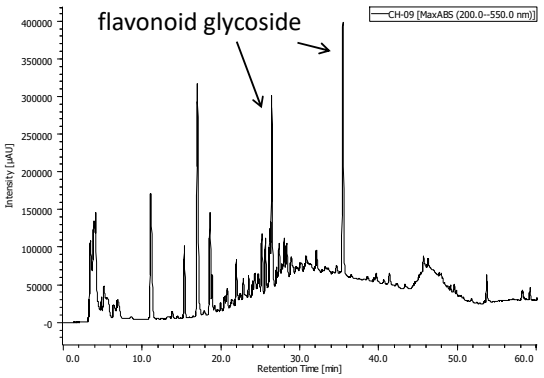
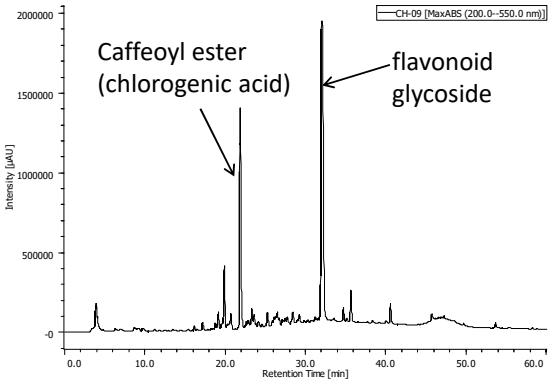
Figure S1. HPLC of 60% CH_3CN extracts of Polygonaceous plants.

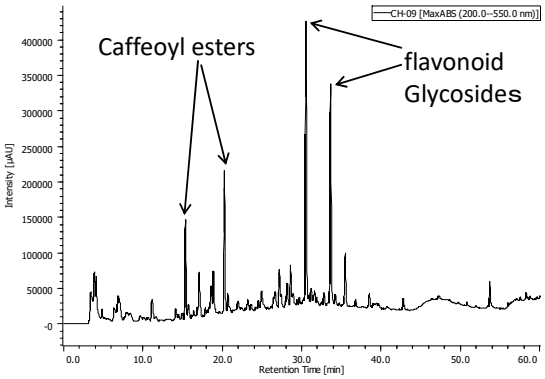
Reynoutria japonica



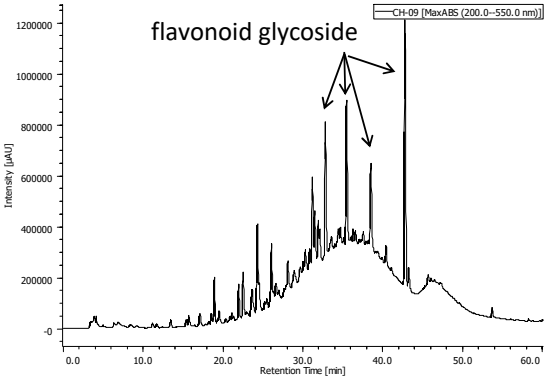
Persicaria perfoliata



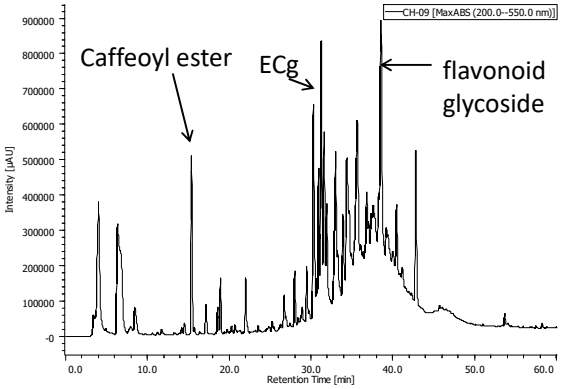
Persicaria longiseta



Persicaria lapathifolia



Persicaria filiformis



Persicaria thunbergii

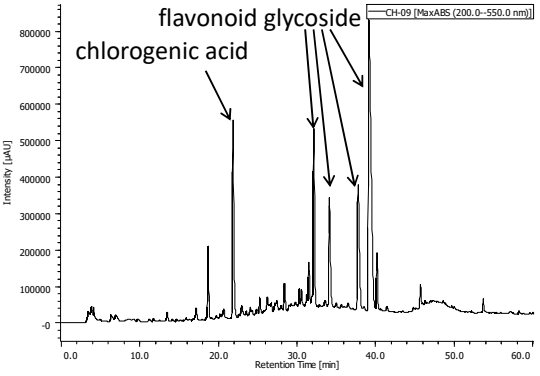


Figure S2. HPLC analysis of acid hydrolysis products of **3**.

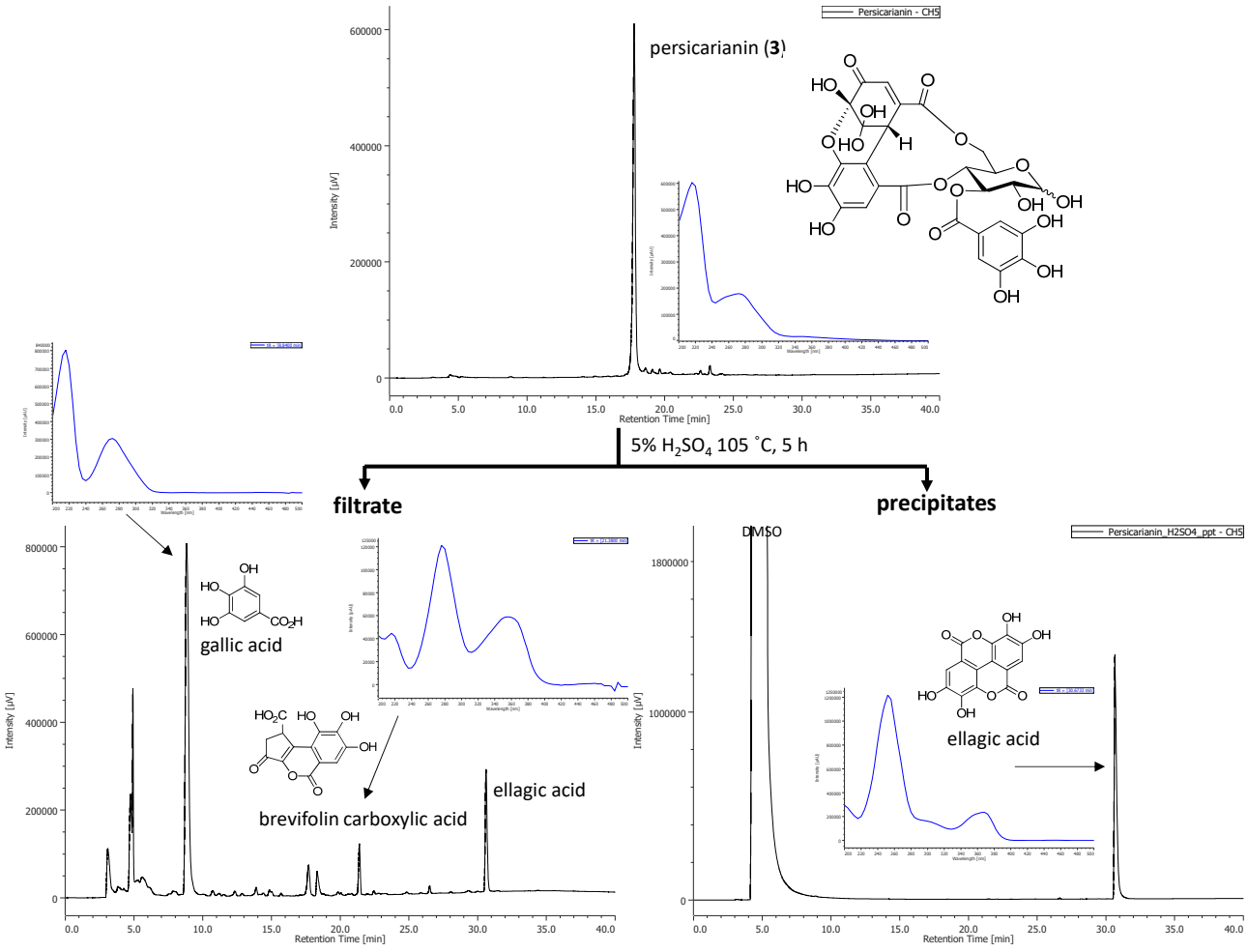
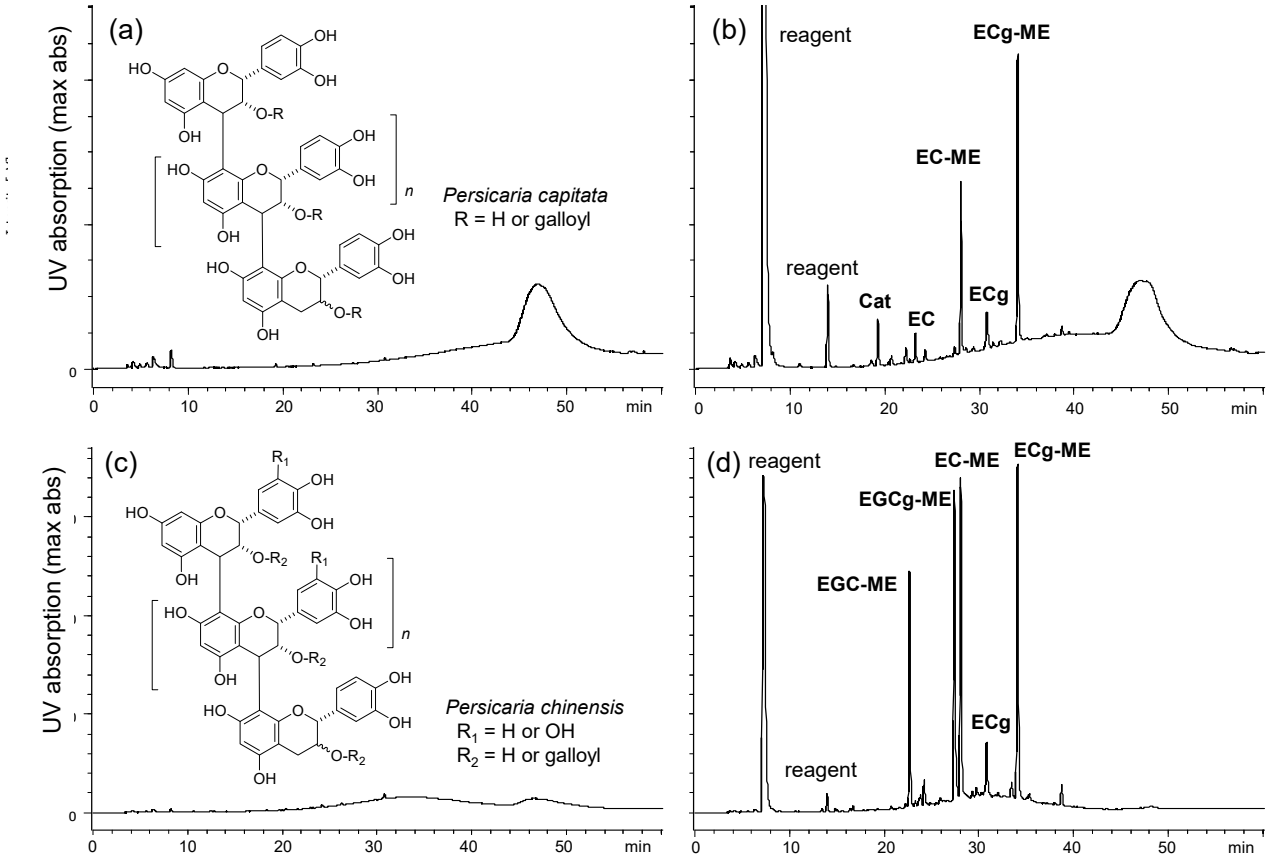
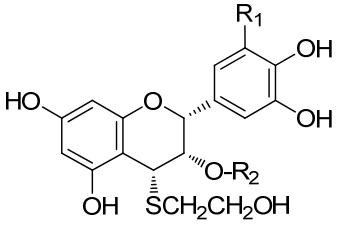


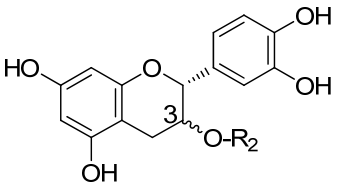
Figure S3. Thiol degradation of proanthocyanidin oligomers.



(a) Proanthocyanidin oligomers of *Persicaria capitata*, (b) Thiol degradation products of Proanthocyanidin oligomers of *Persicaria capitata*, (c) Proanthocyanidin oligomers of *Persicaria chinensis*, (d) Thiol degradation products of Proanthocyanidin oligomers of *Persicaria chinensis*.



EC-ME : R_1 = H, R_2 = H
ECg-ME : R_1 = H, R_2 = galloyl
EGC-ME : R_1 = OH, R_2 = H
EGCg-ME : R_1 = OH, R_2 = galloyl



Cat : 3-β-OH
EC : 3-α-OH
ECg : 3-α-O-galloyl

Figure S4. ^{1}H NMR spectrum of **3**.

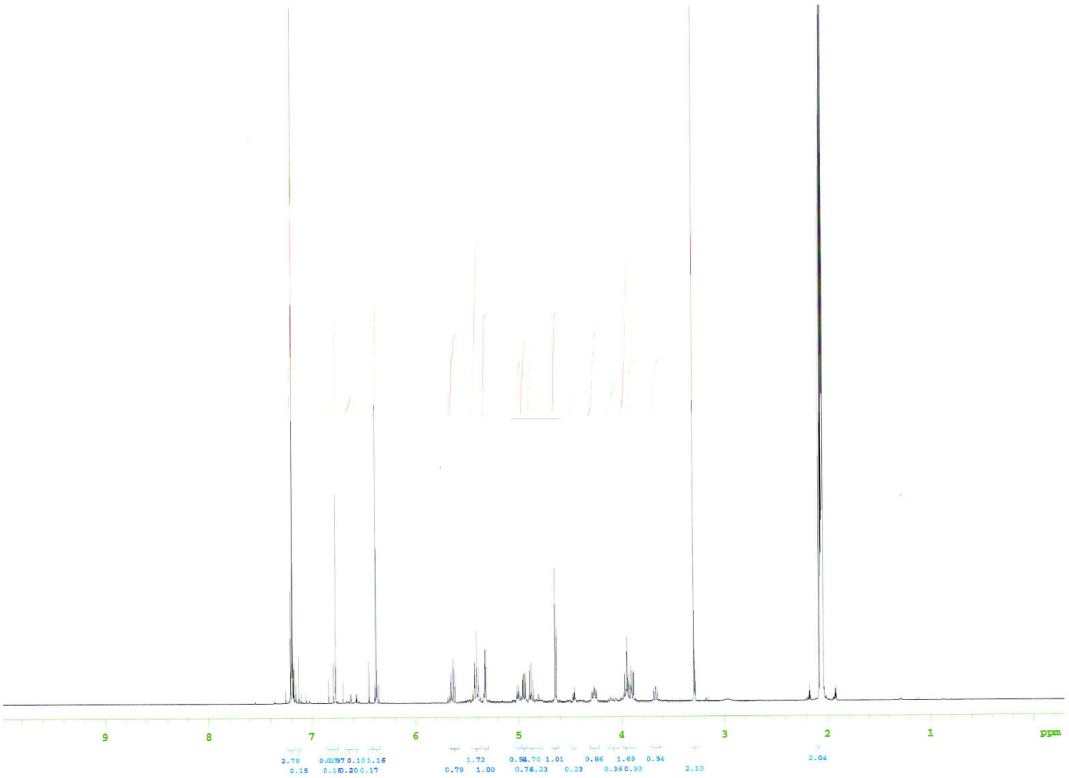


Figure S5. ^{13}C NMR spectrum of **3**.

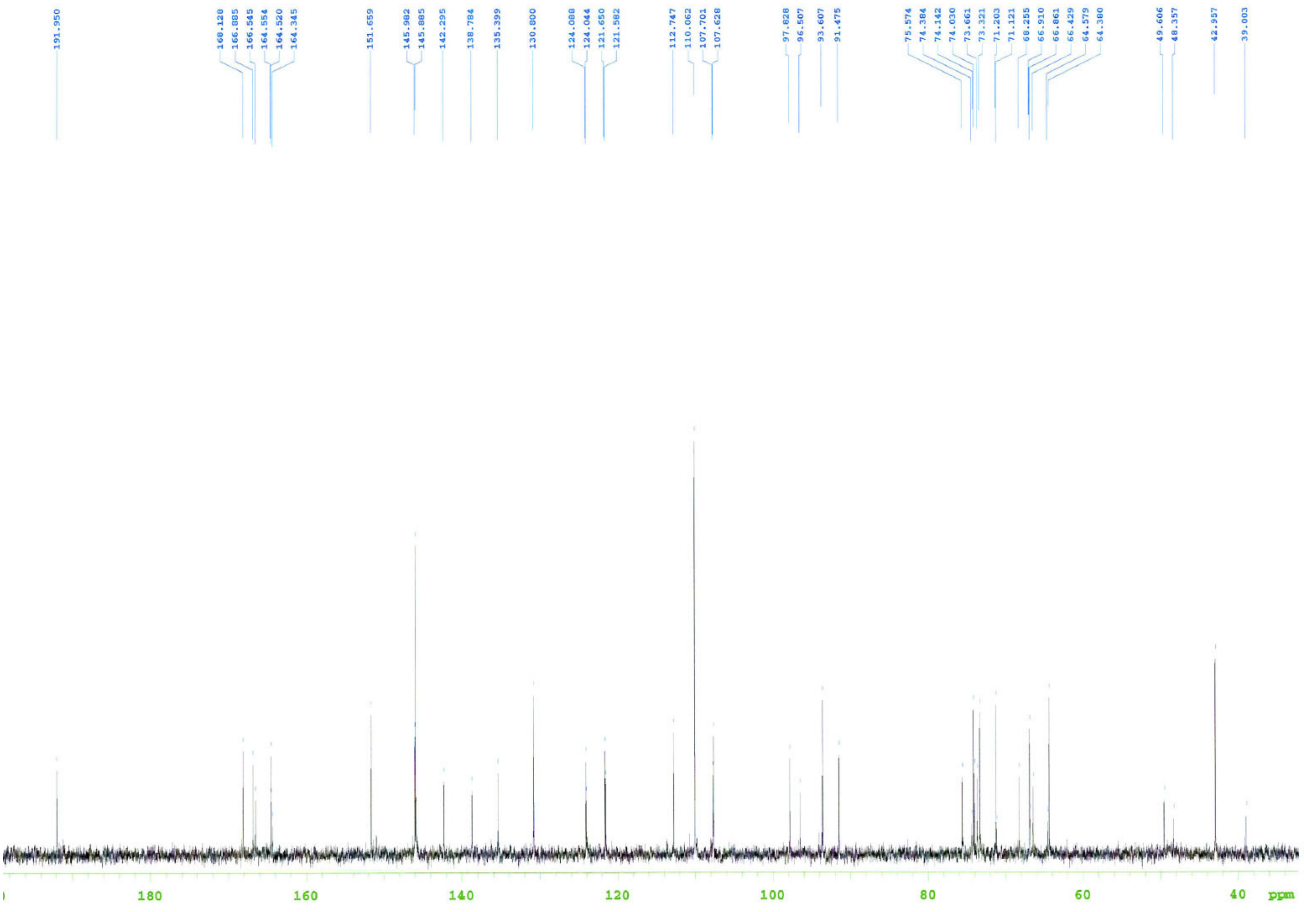


Figure S6. ^{1}H-^{1}H COSY spectrum of **3**.

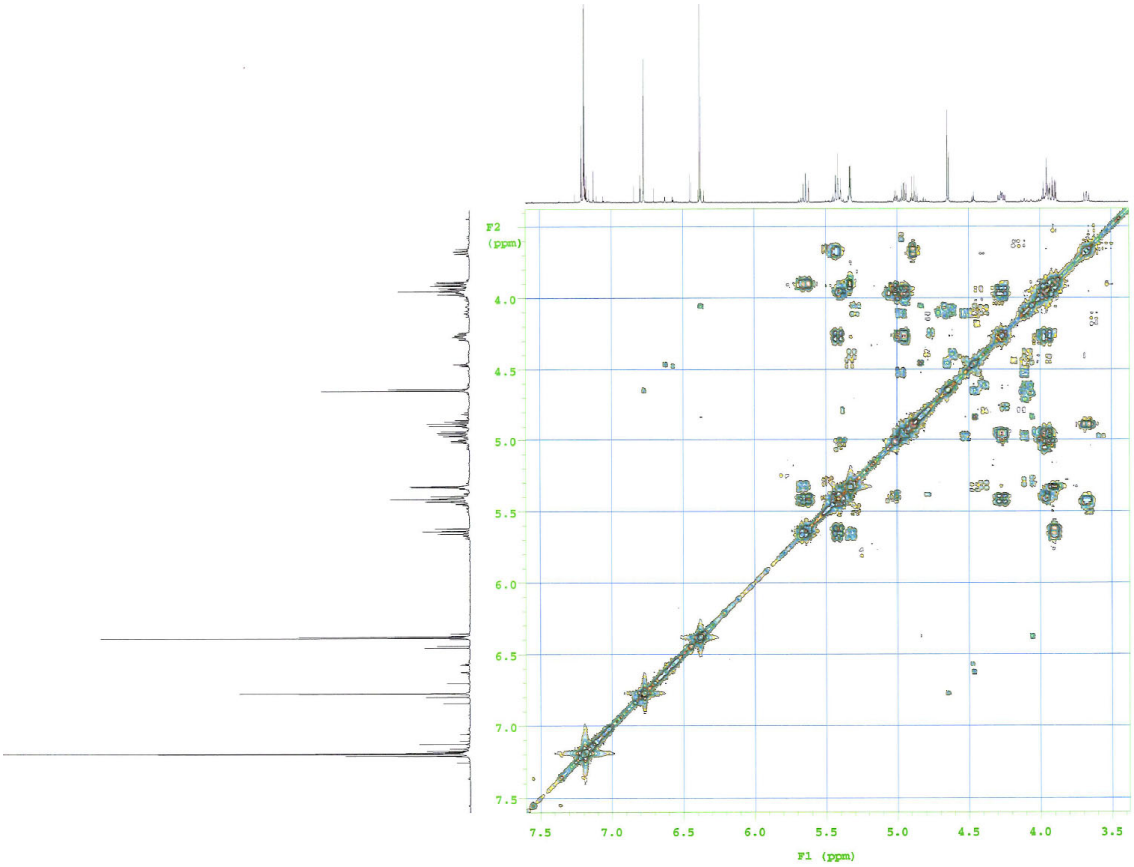


Figure S7. HSQC spectrum of **3**.

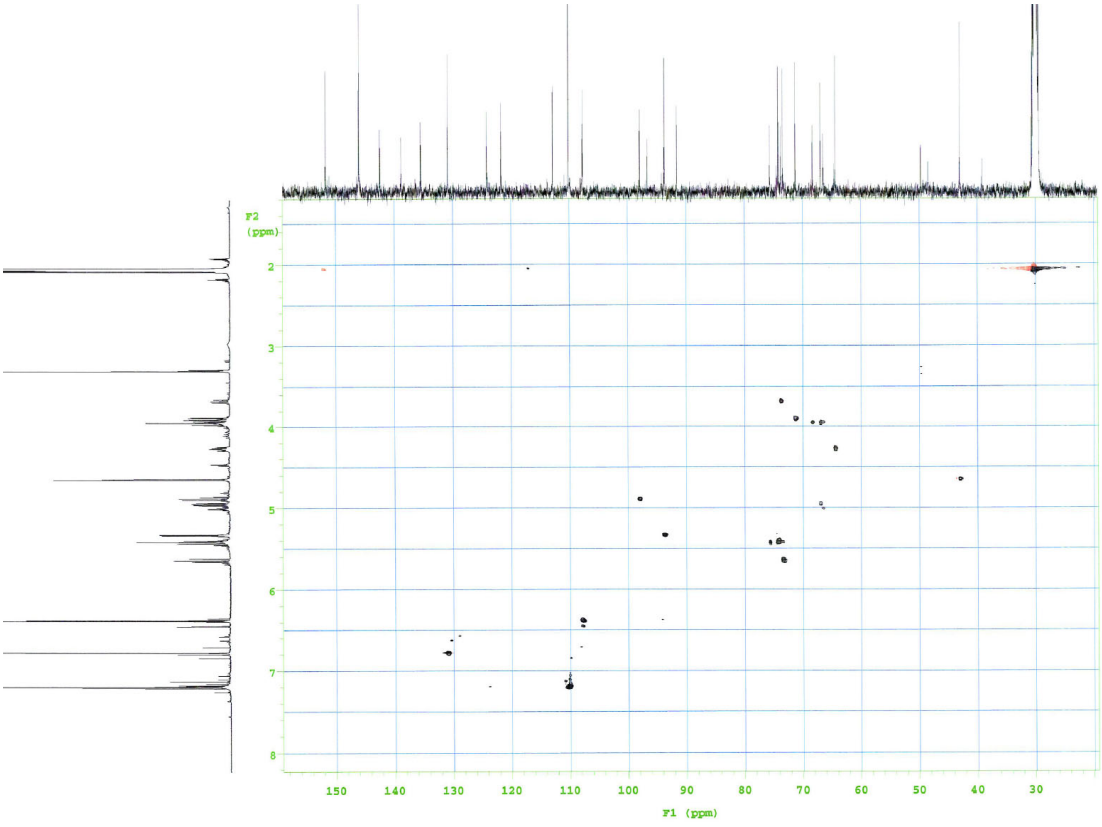


Figure S8. HMBC spectrum of **3**.

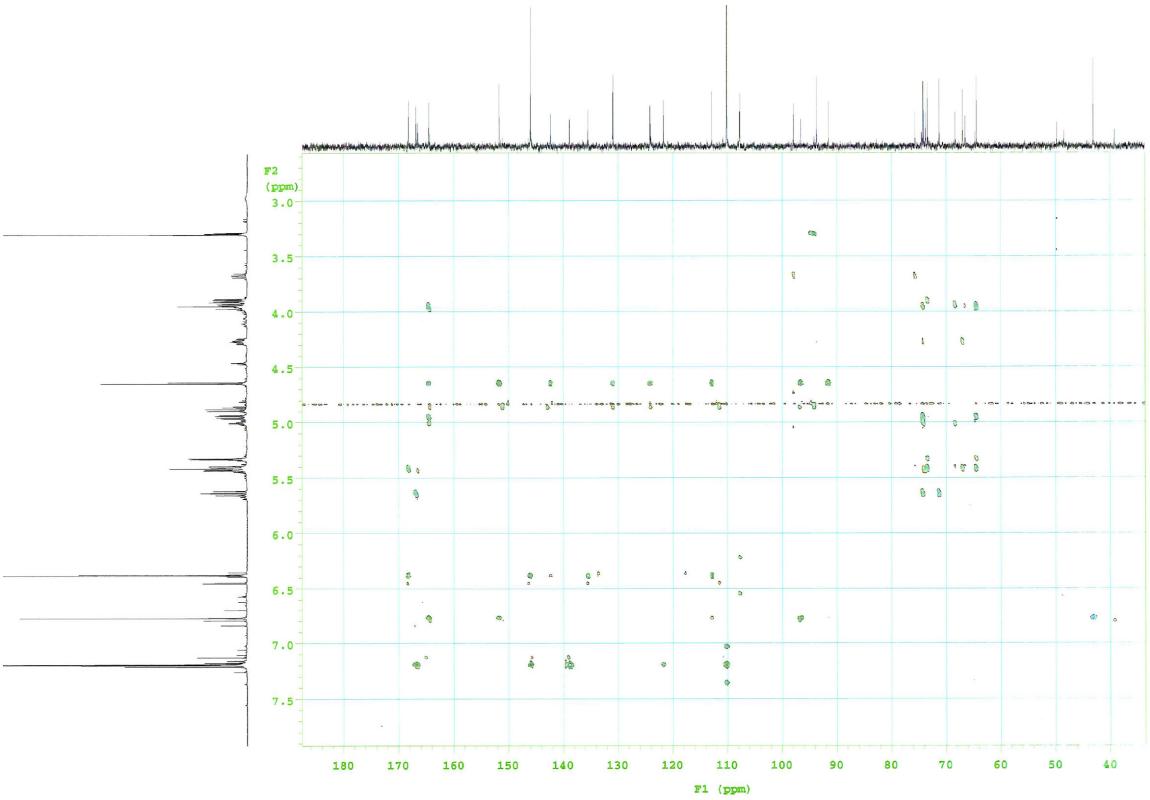


Figure S9. ^{1}H NMR spectrum of **11**.

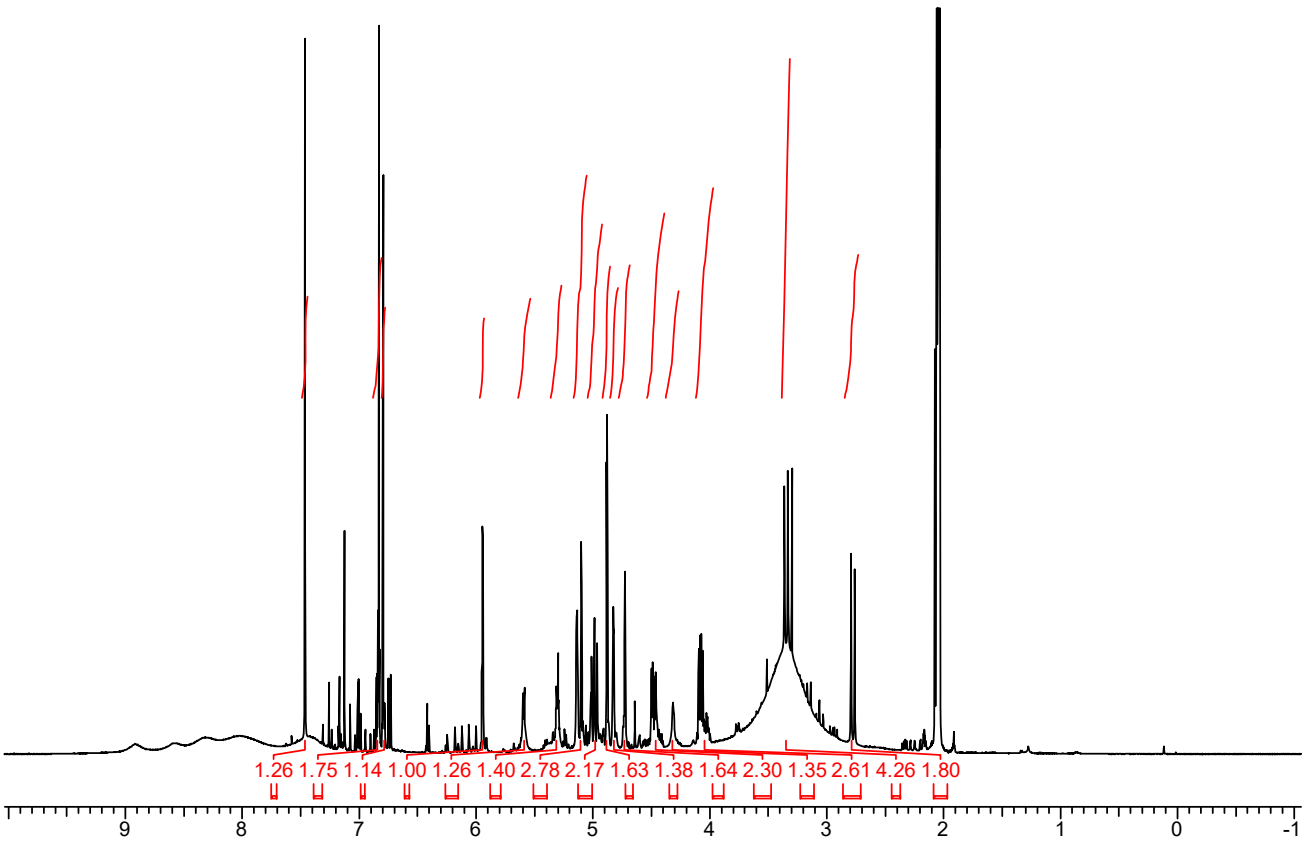


Figure S10. ^{13}C NMR spectrum of **11**.

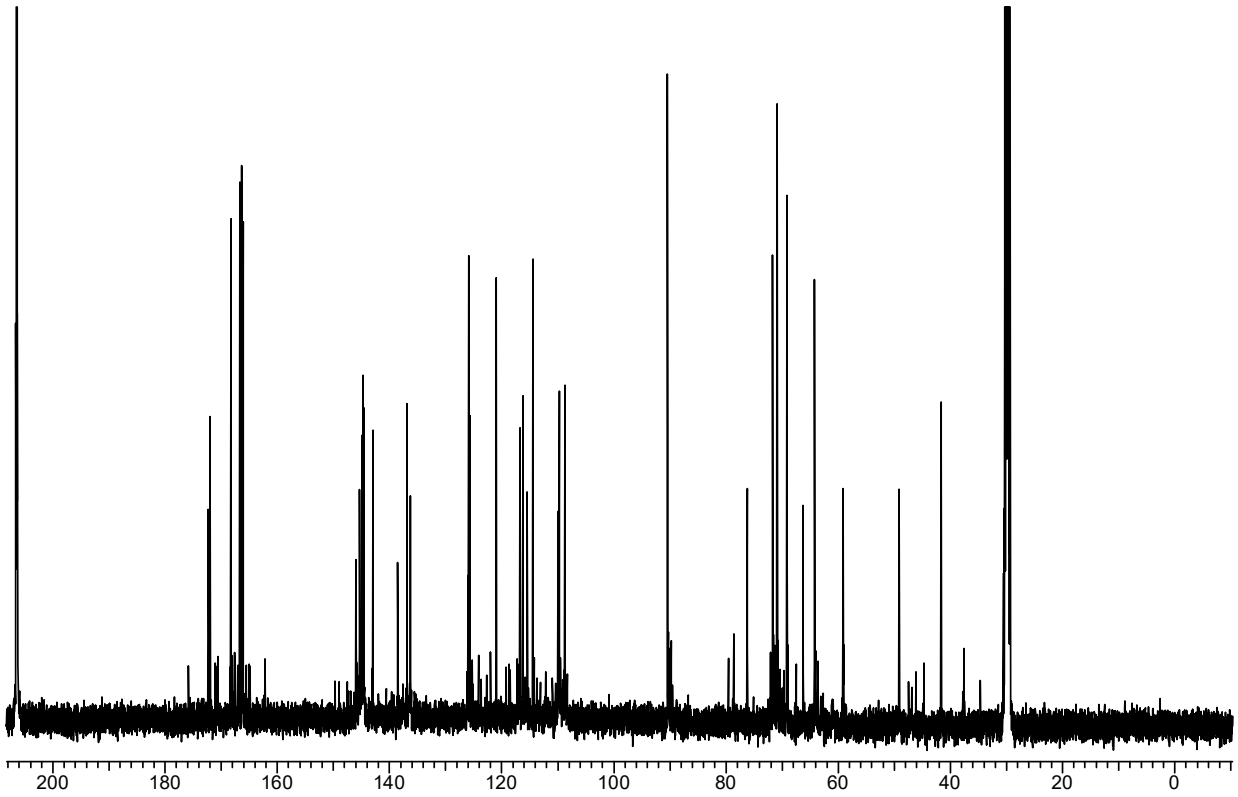


Figure S11. ^{1}H-^{1}H COSY spectrum of **11**.

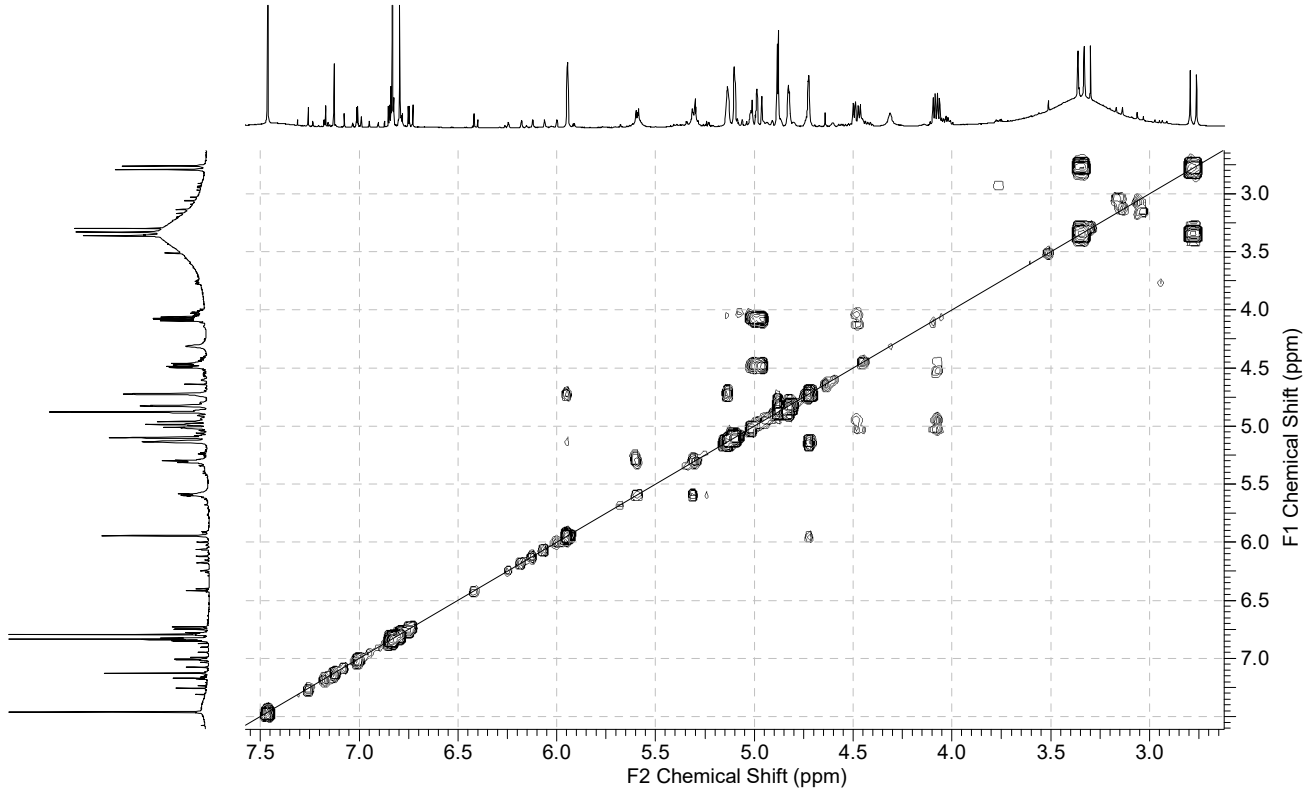


Figure S12. HSQC spectrum of **11**.

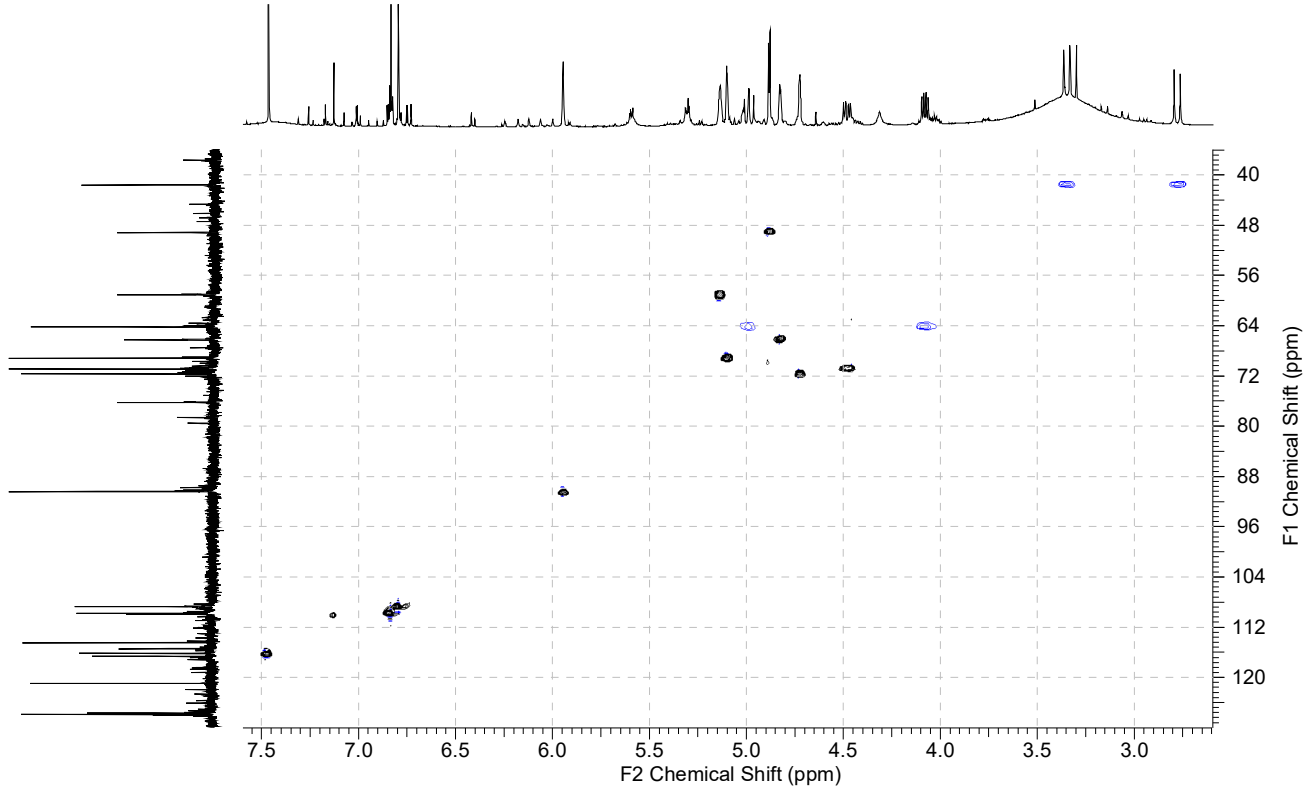


Figure S13. HMBC spectrum of **11**.

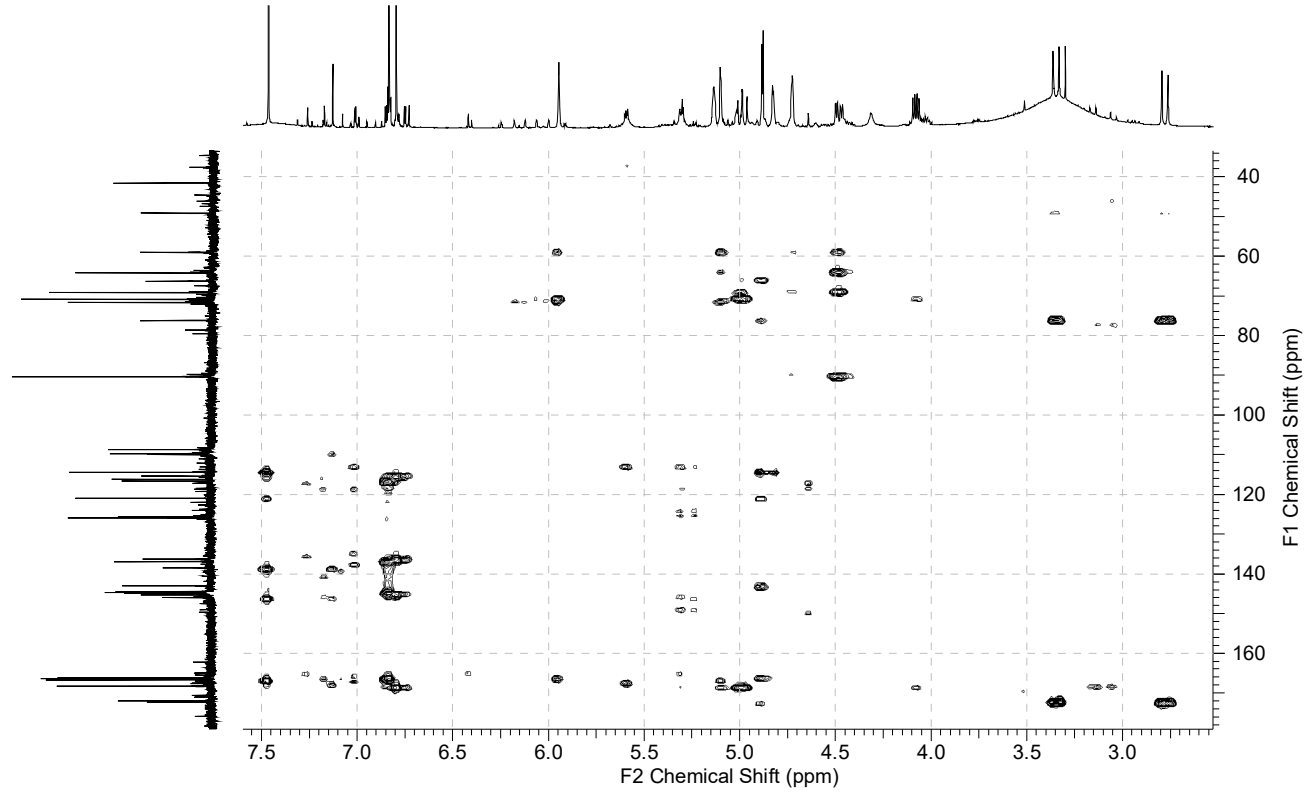


Figure S14. NOESY spectrum of **11**.

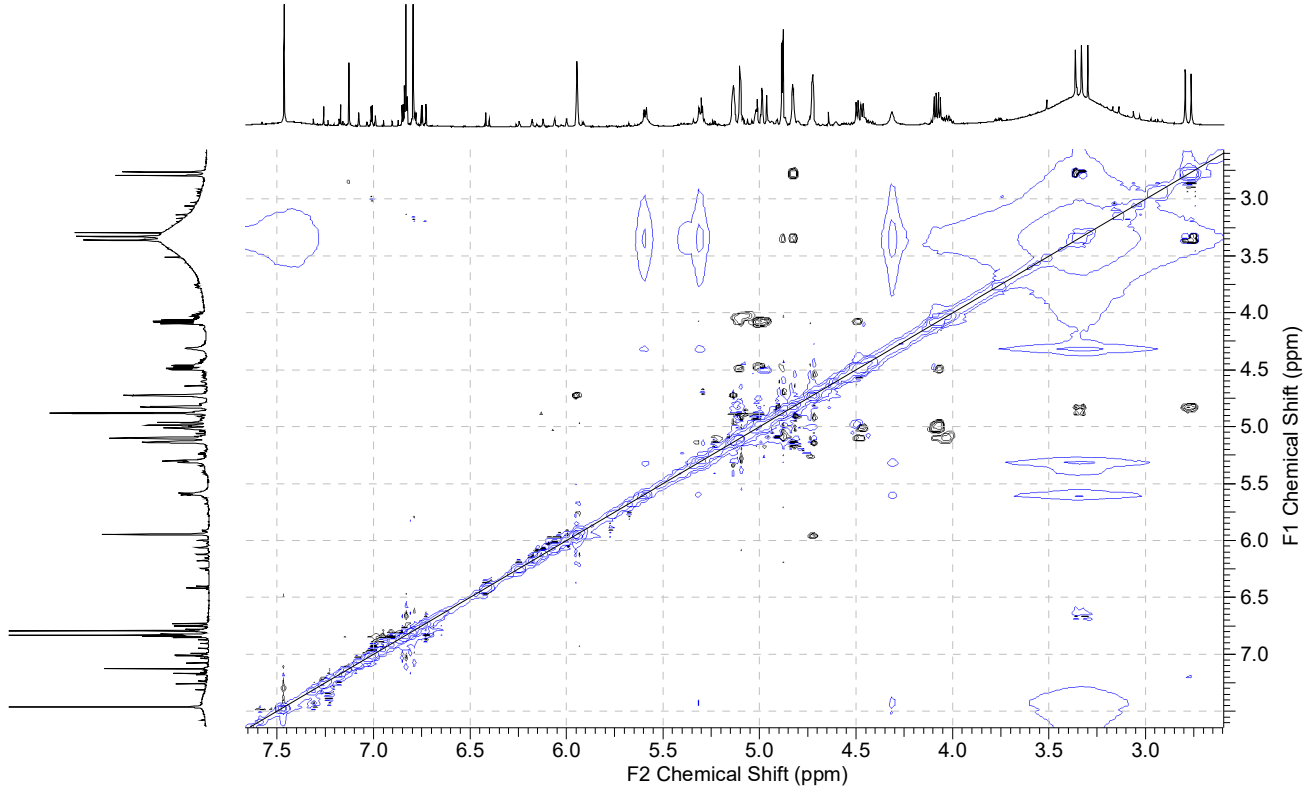


Figure S15. ^{1}H NMR spectrum of **7**.

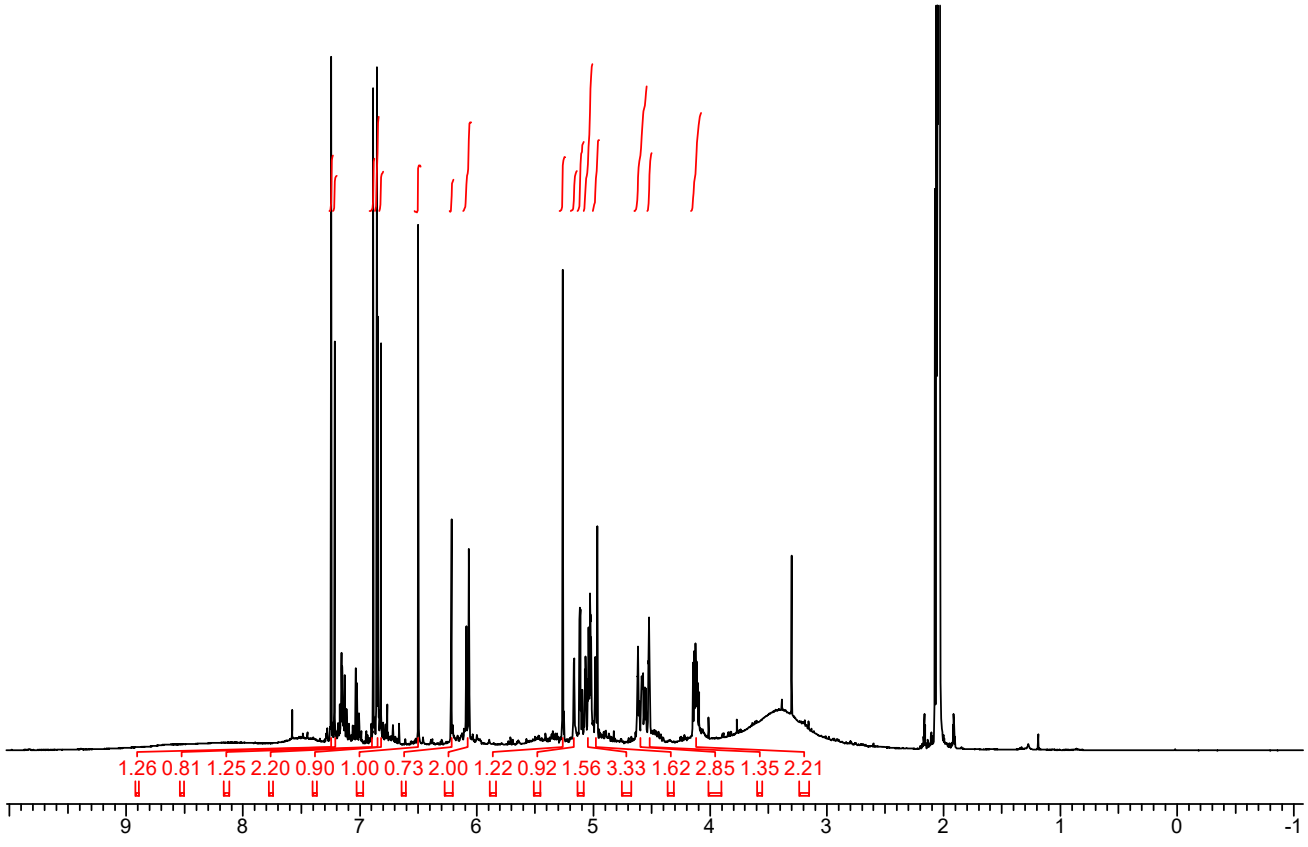


Figure S16. ^{13}C NMR spectrum of **7**.

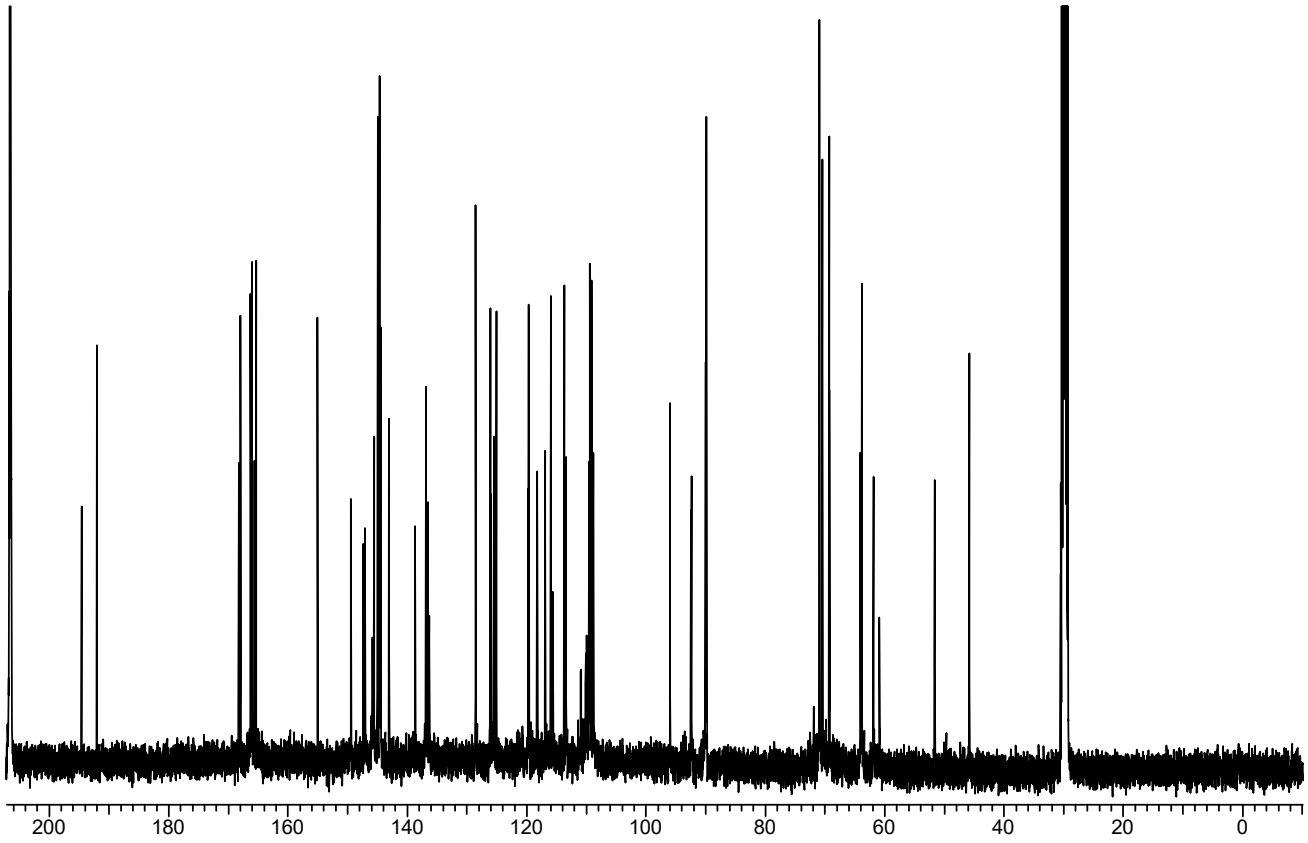


Figure S17. ^{1}H NMR spectrum of **7a**.

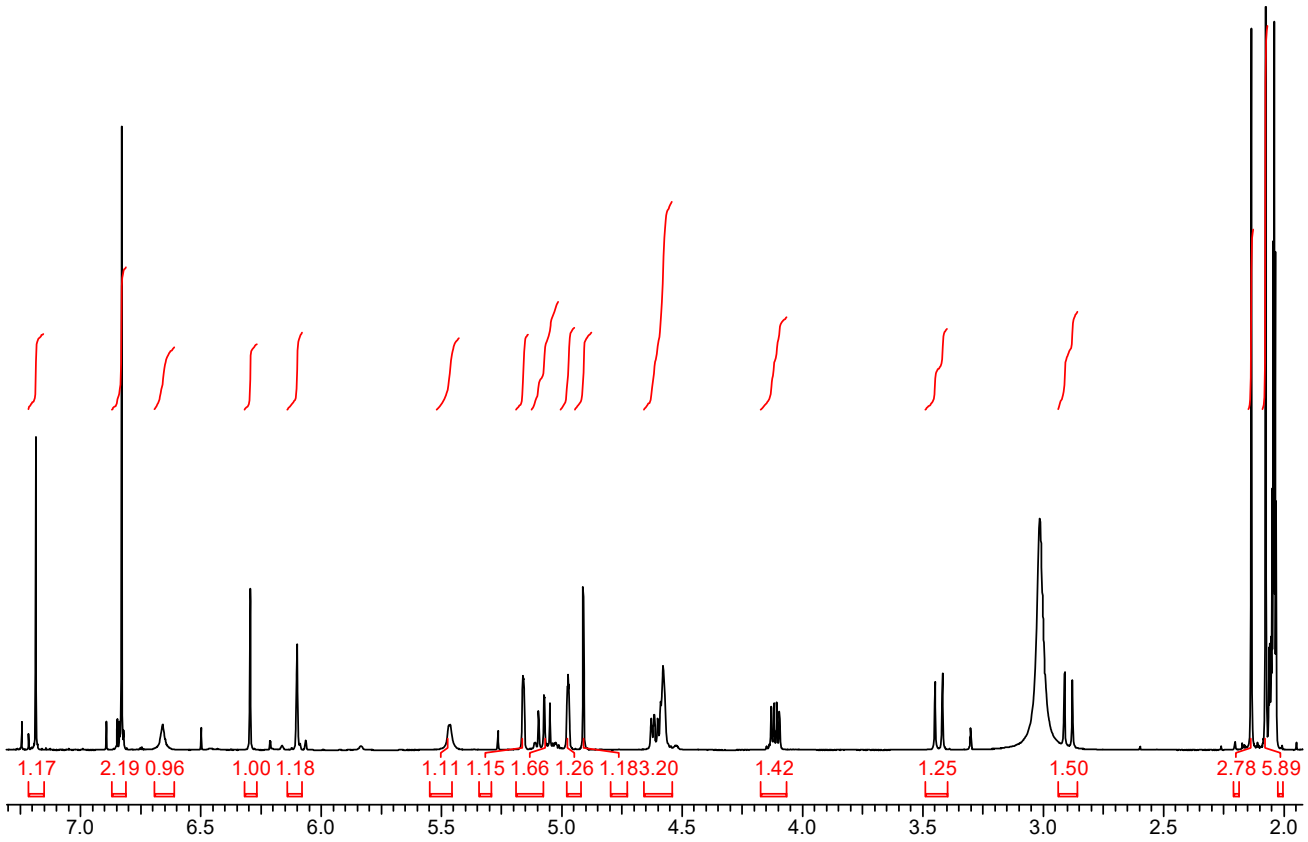


Figure S18. ^{13}C NMR spectrum of **7a**.