Supplementary Materials for

Synthesis and Antifouling Activity Evaluation of Analogues of Bromosphaerol, a Brominated Diterpene Isolated from the Red Alga *Sphaerococcus coronopifolius*

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Table of Contents

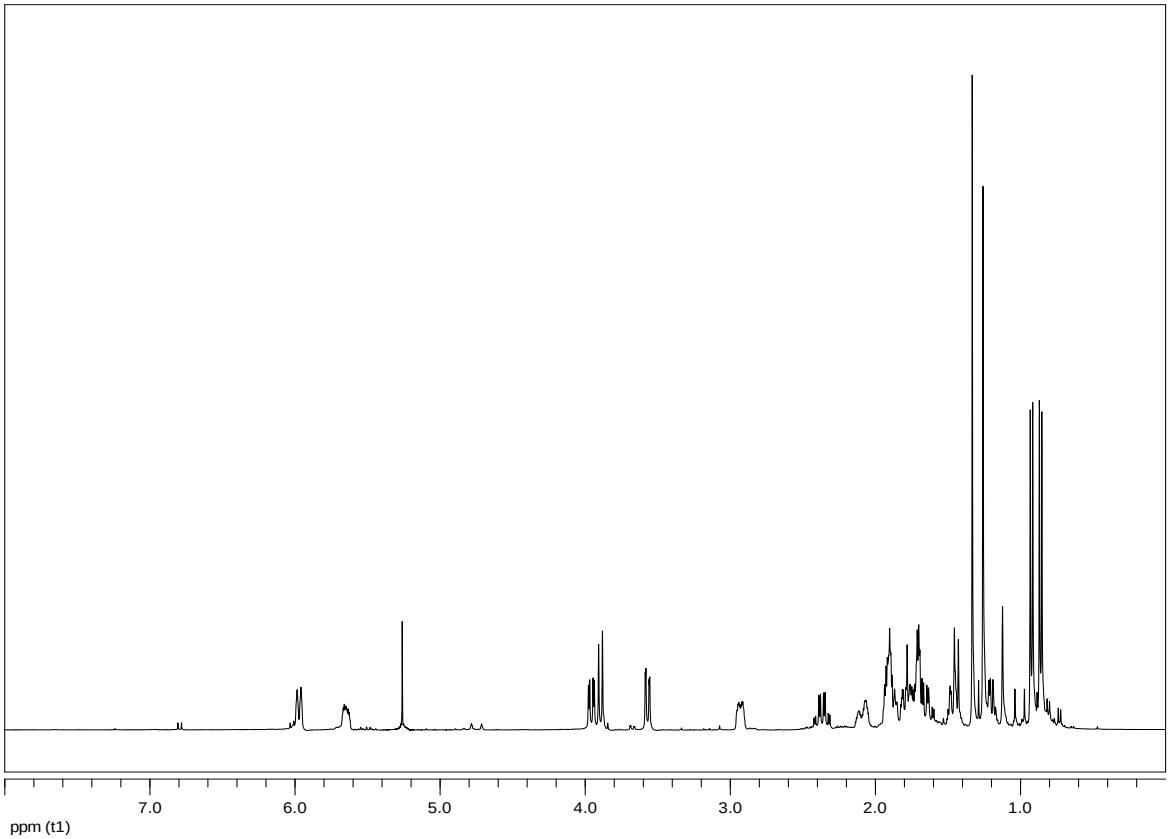

Figure S1. ^{1}H NMR spectrum ($CDCl_3$, 400 MHz) of compound **1**.

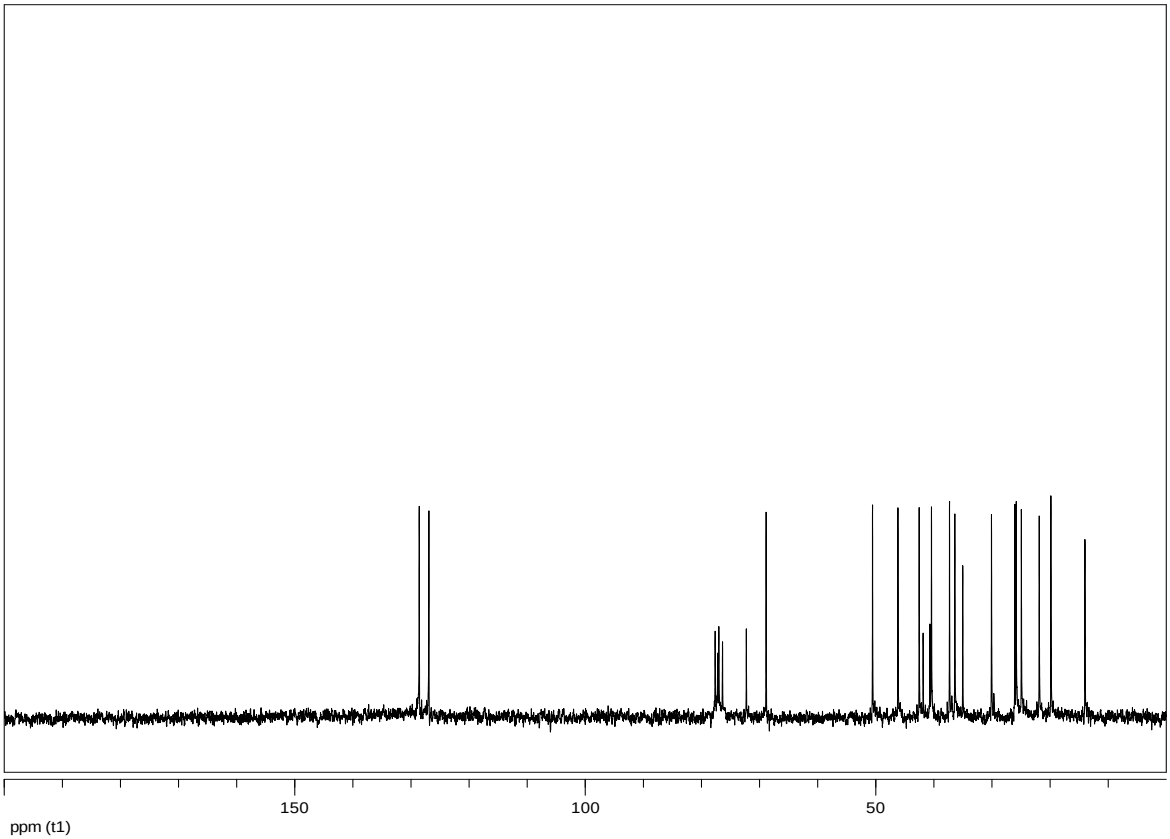

Figure S2. ^{13}C NMR spectrum ($CDCl_3$, 100 MHz) of compound **1**.

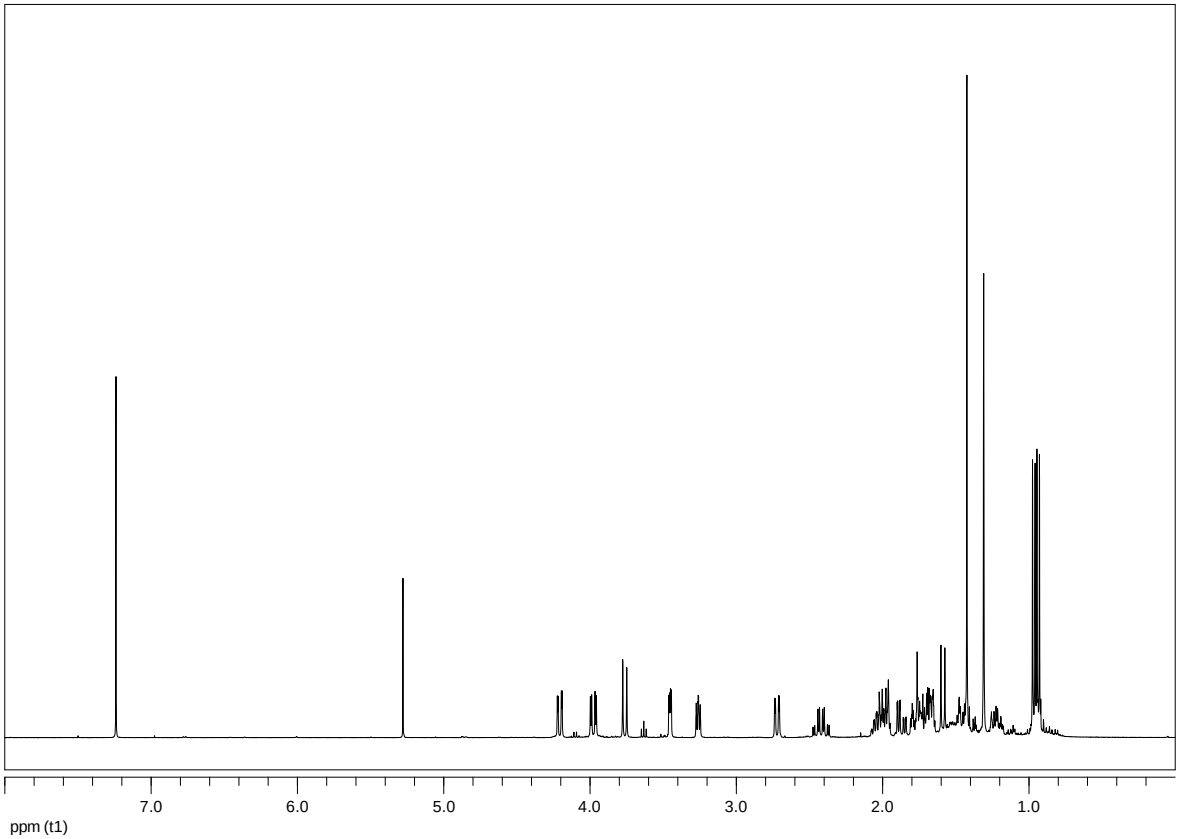

Figure S3. ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of compound **2**.

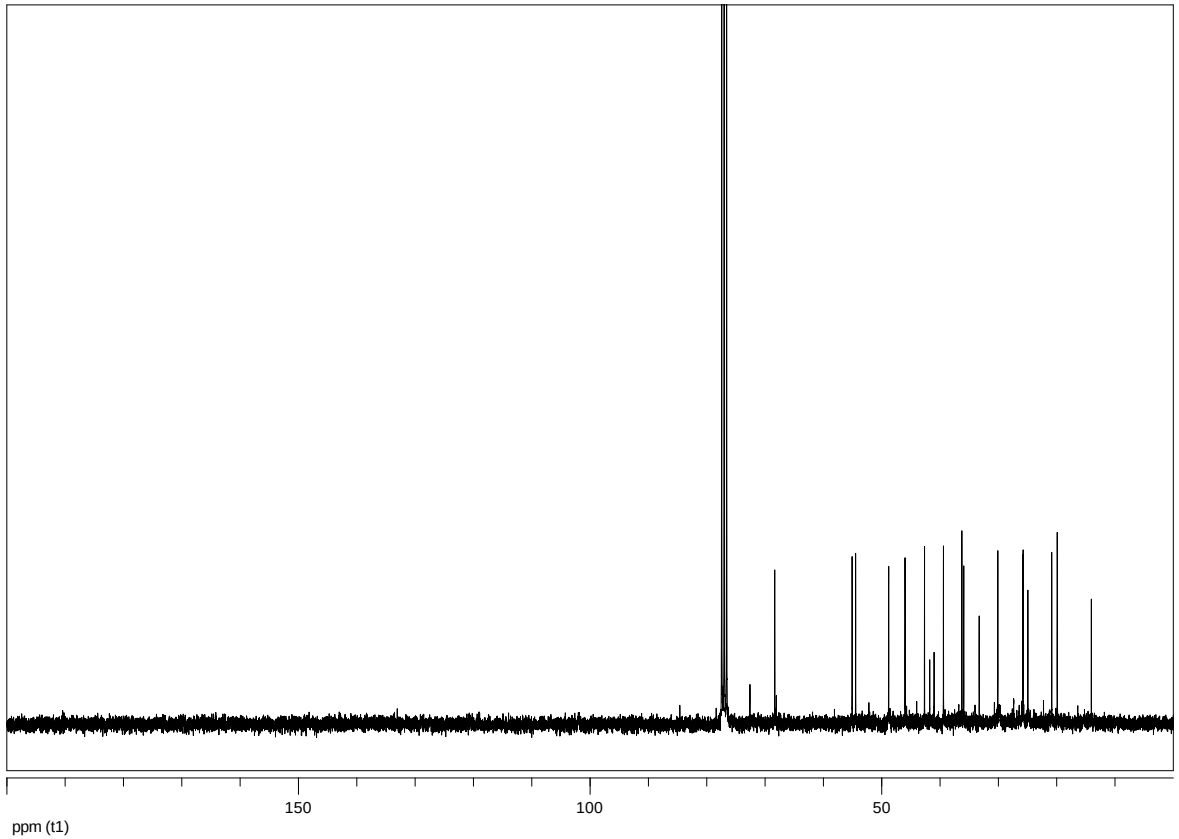

Figure S4. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **2**.

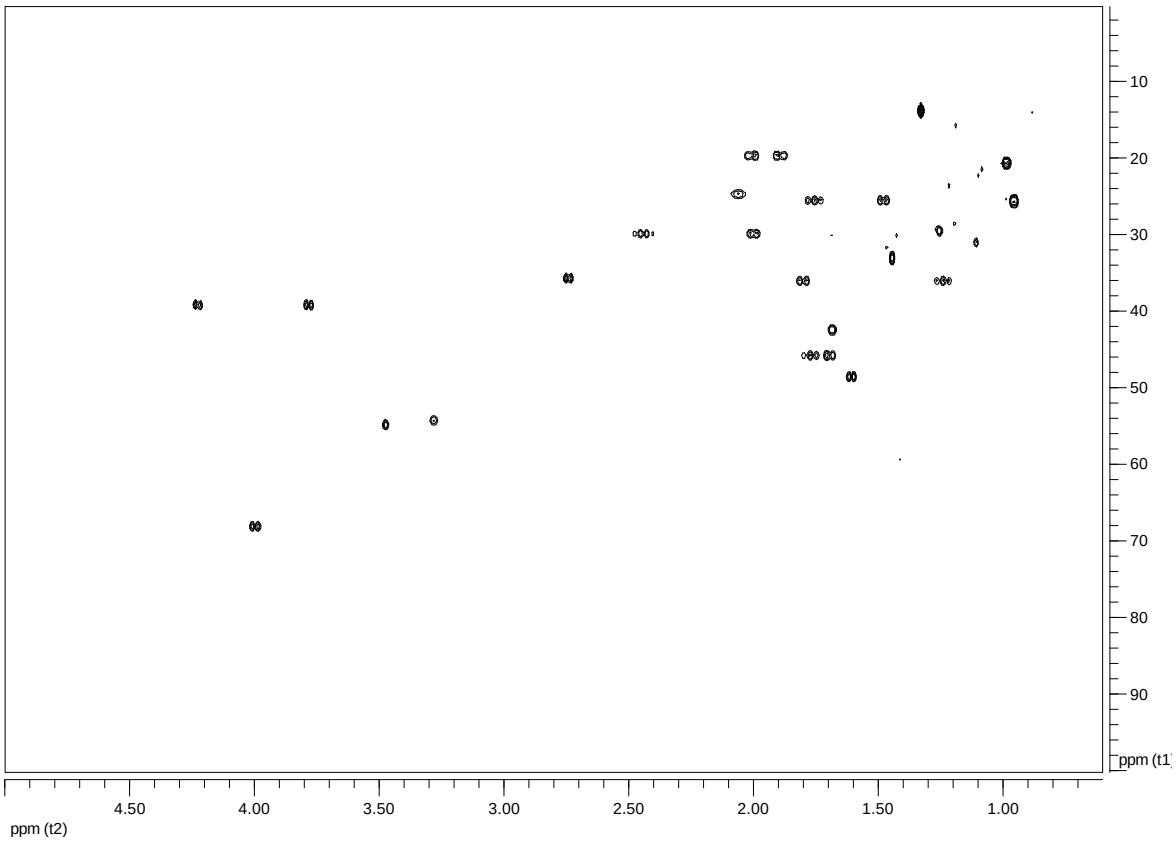

Figure S5. HSQC spectrum ($CDCl_3$, 600 MHz) of compound **2**.

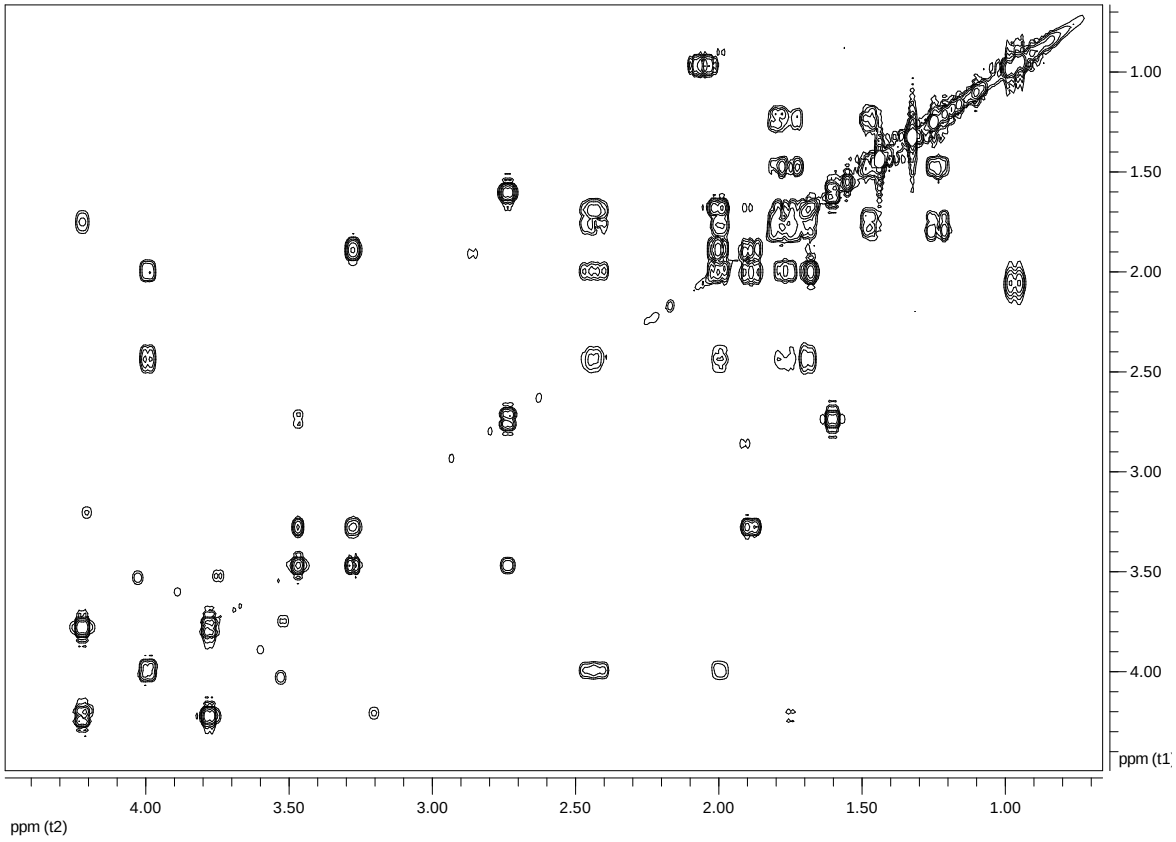

Figure S6. COSY spectrum ($CDCl_3$, 600 MHz) of compound **2**.

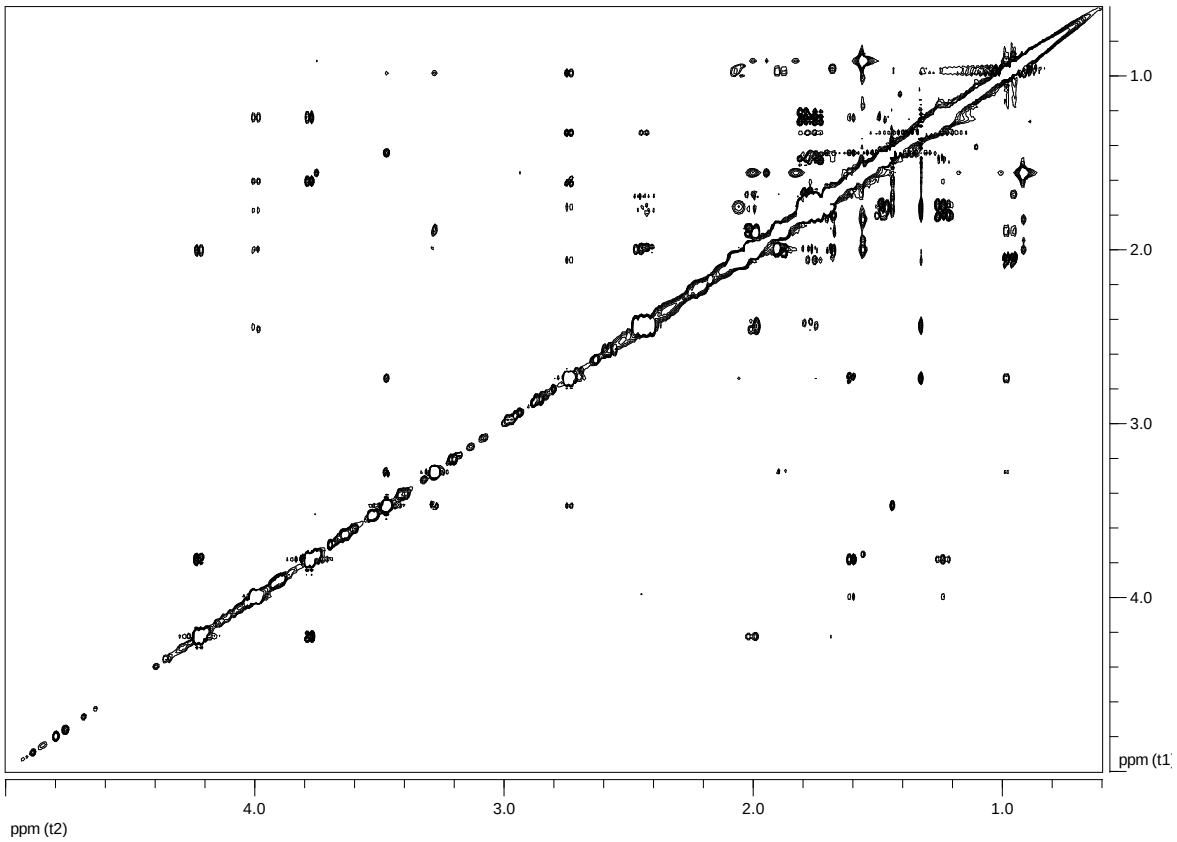

Figure S7. NOESY spectrum ($CDCl_3$, 600 MHz) of compound **2**.

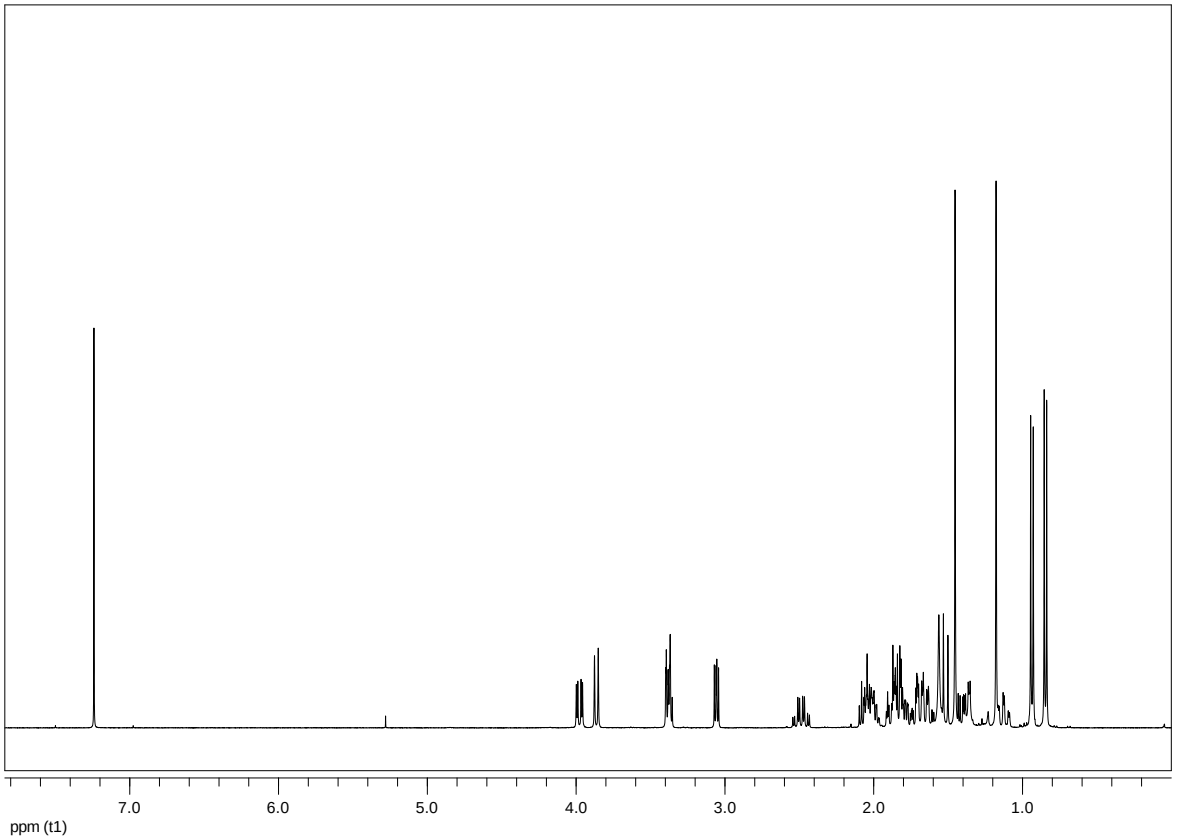

Figure S8. ^1H NMR spectrum ($CDCl_3$, 400 MHz) of compound **3**.

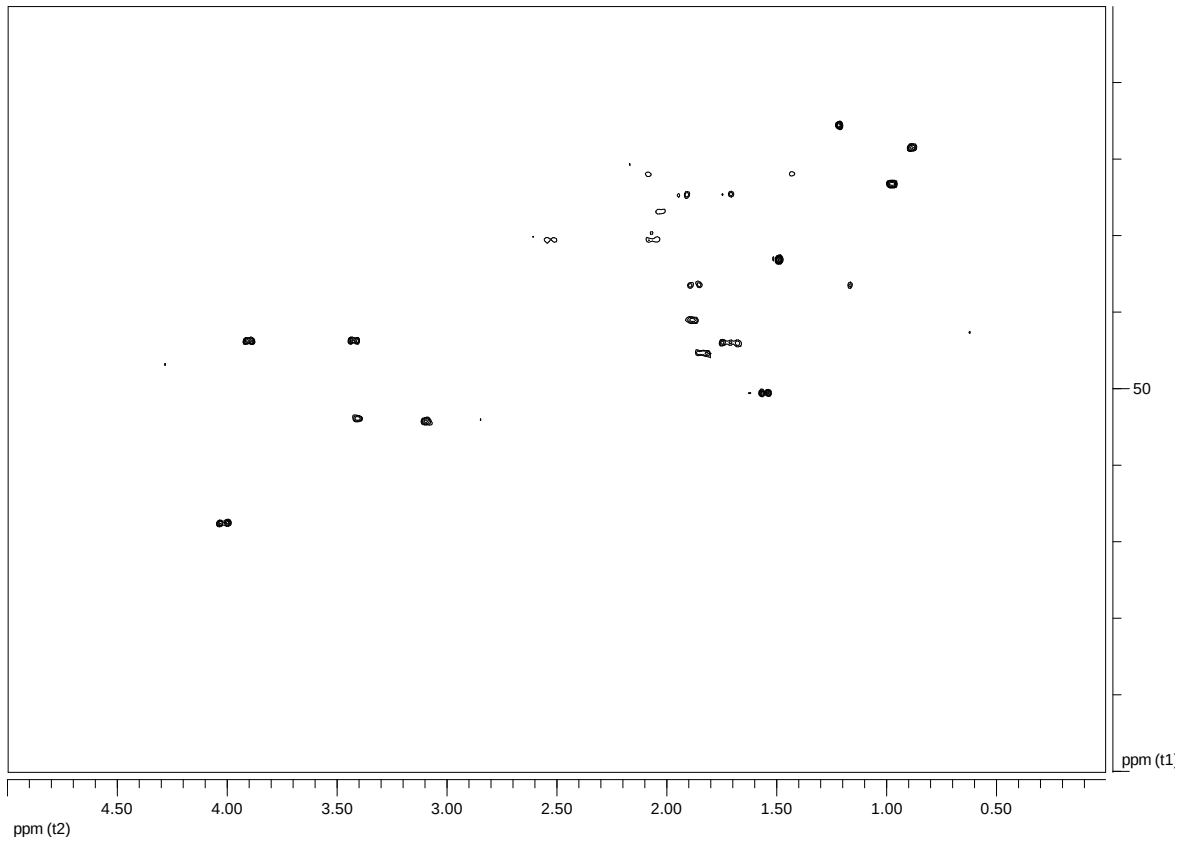

Figure S9. HSQC spectrum ($CDCl_3$, 400 MHz) of compound **3**.

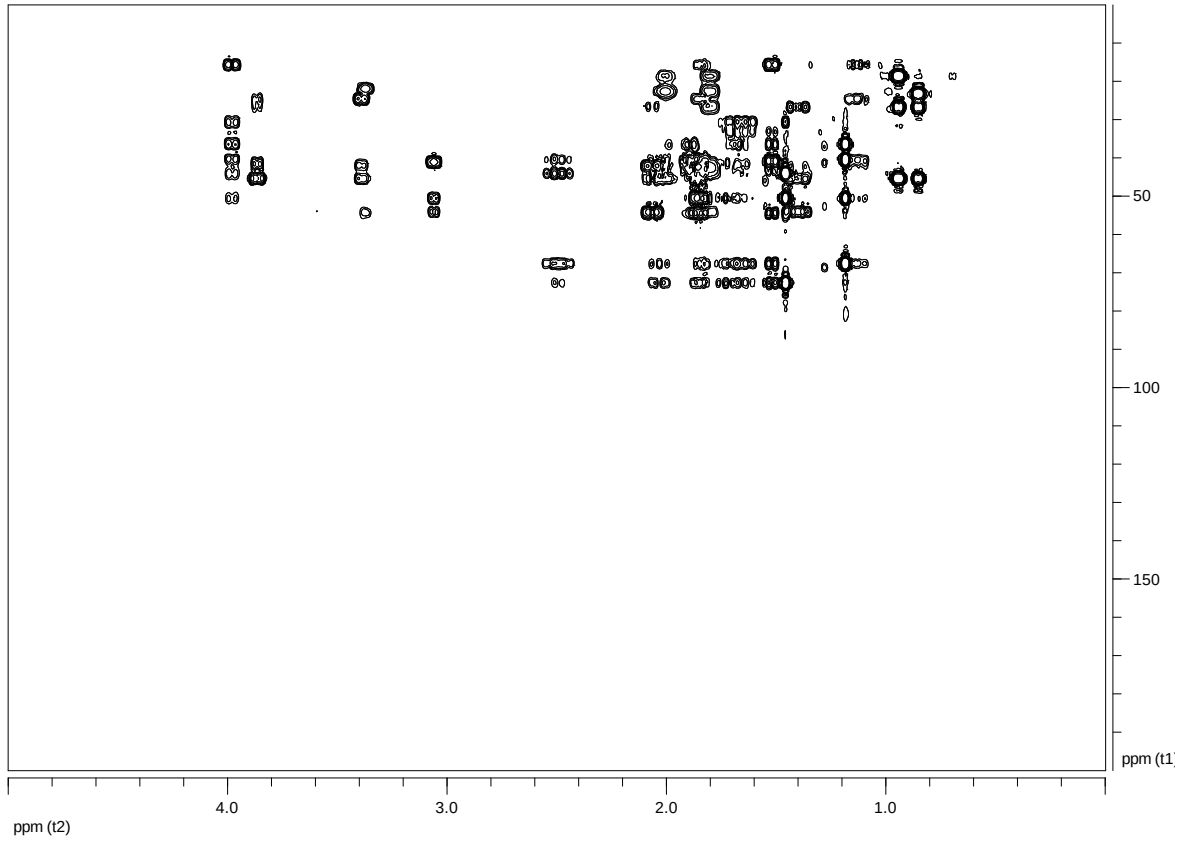

Figure S10. HMBC spectrum ($CDCl_3$, 400 MHz) of compound **3**.

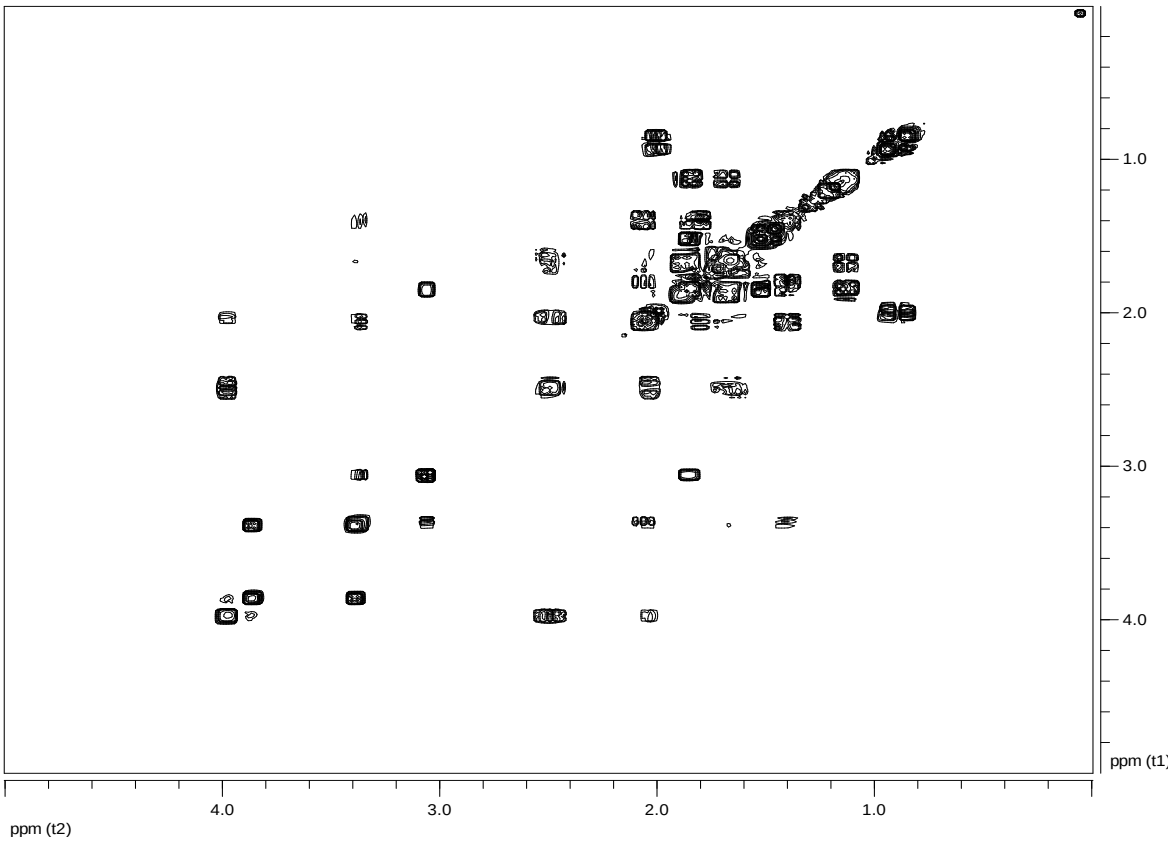

Figure S11. COSY spectrum ($CDCl_3$, 400 MHz) of compound **3**.

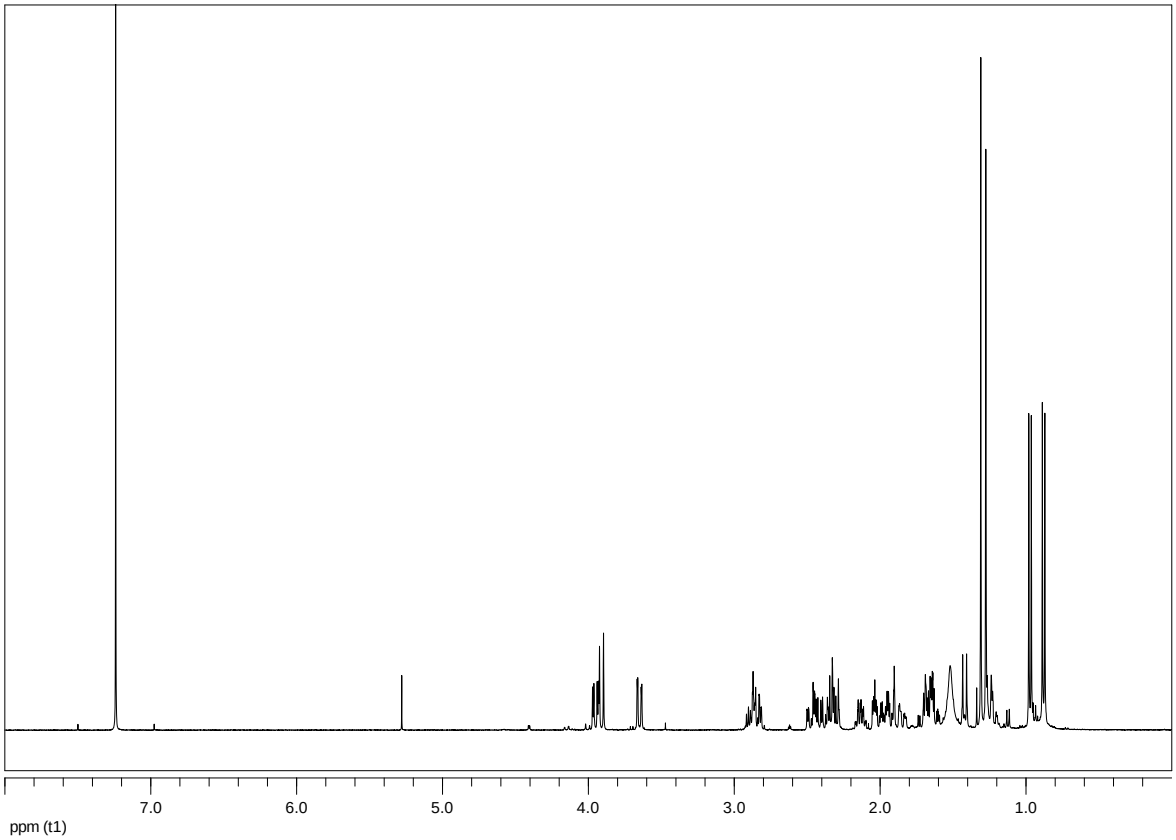

Figure S12. ^1H NMR spectrum ($CDCl_3$, 600 MHz) of compound **4**.

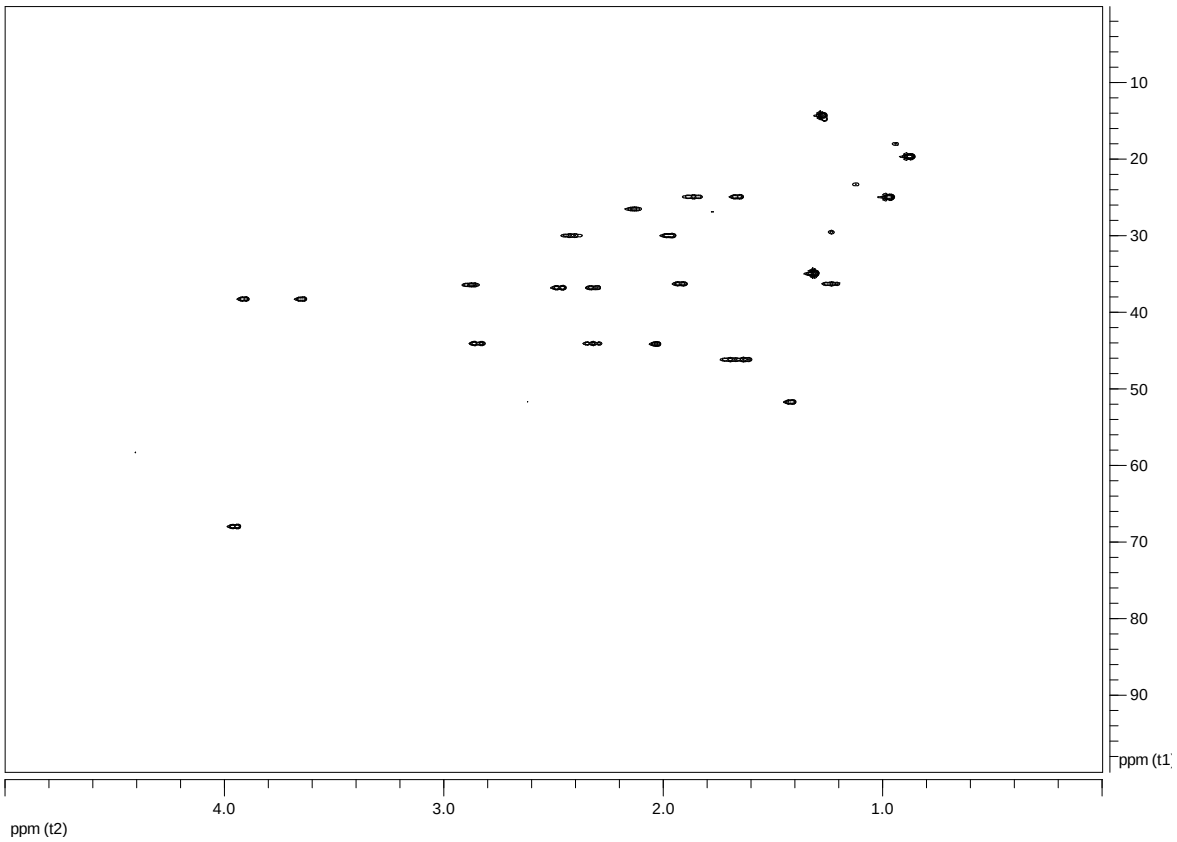

Figure S13. HSQC spectrum ($CDCl_3$, 600 MHz) of compound **4**.

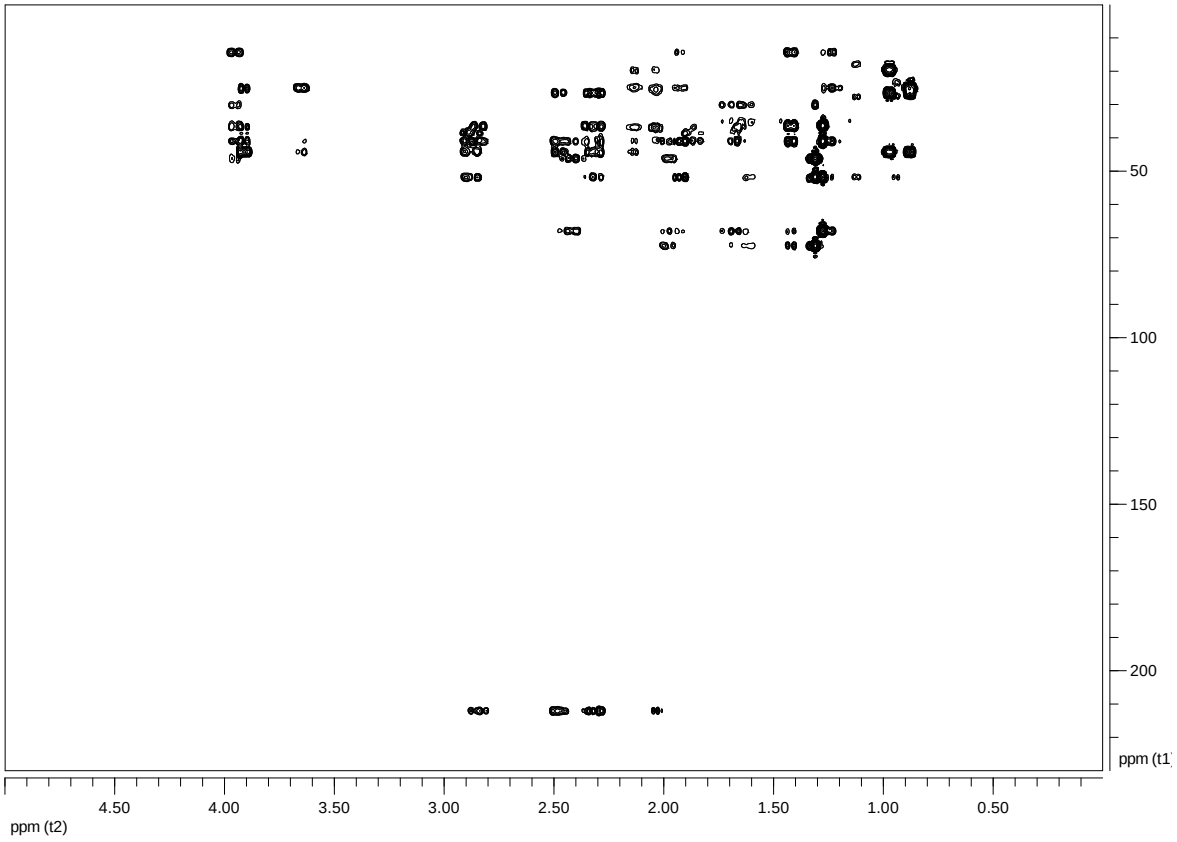

Figure S14. HMBC spectrum ($CDCl_3$, 400 MHz) of compound **4**.

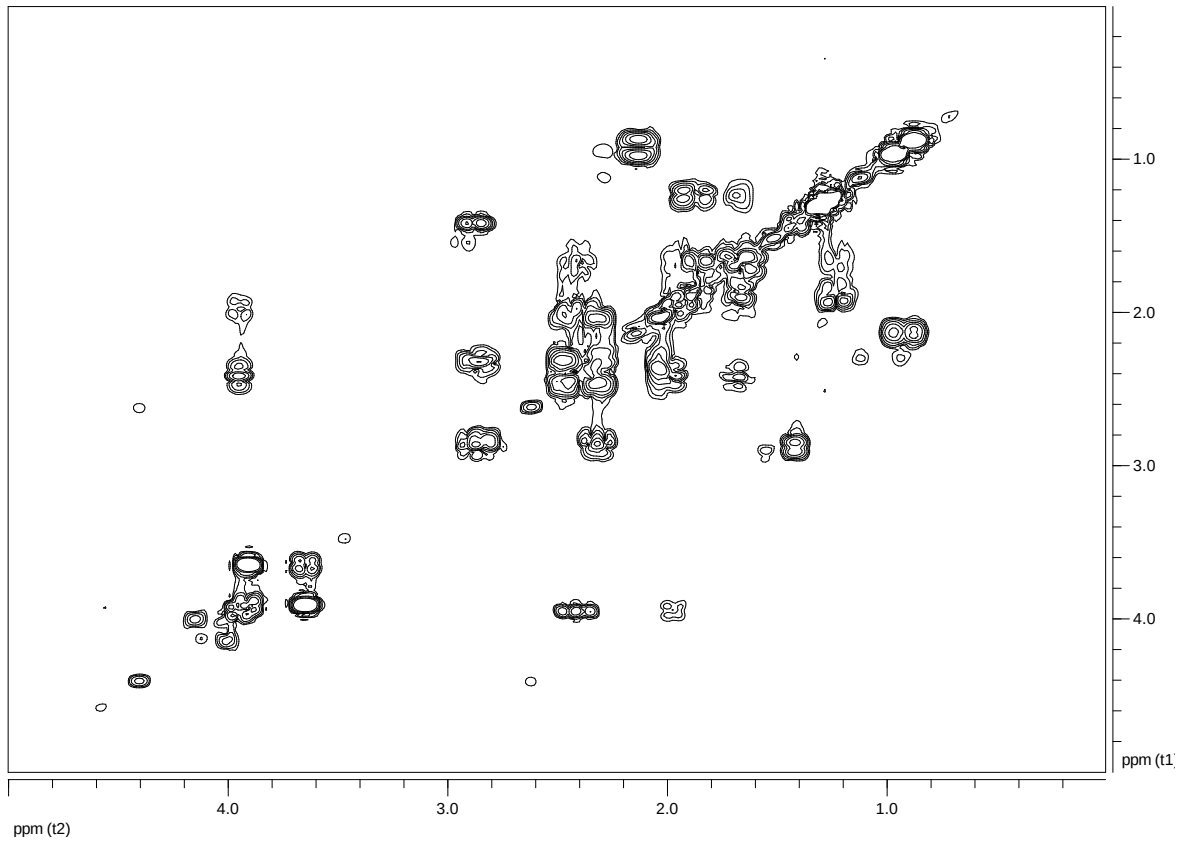

Figure S15. COSY spectrum ($CDCl_3$, 400 MHz) of compound **4**.

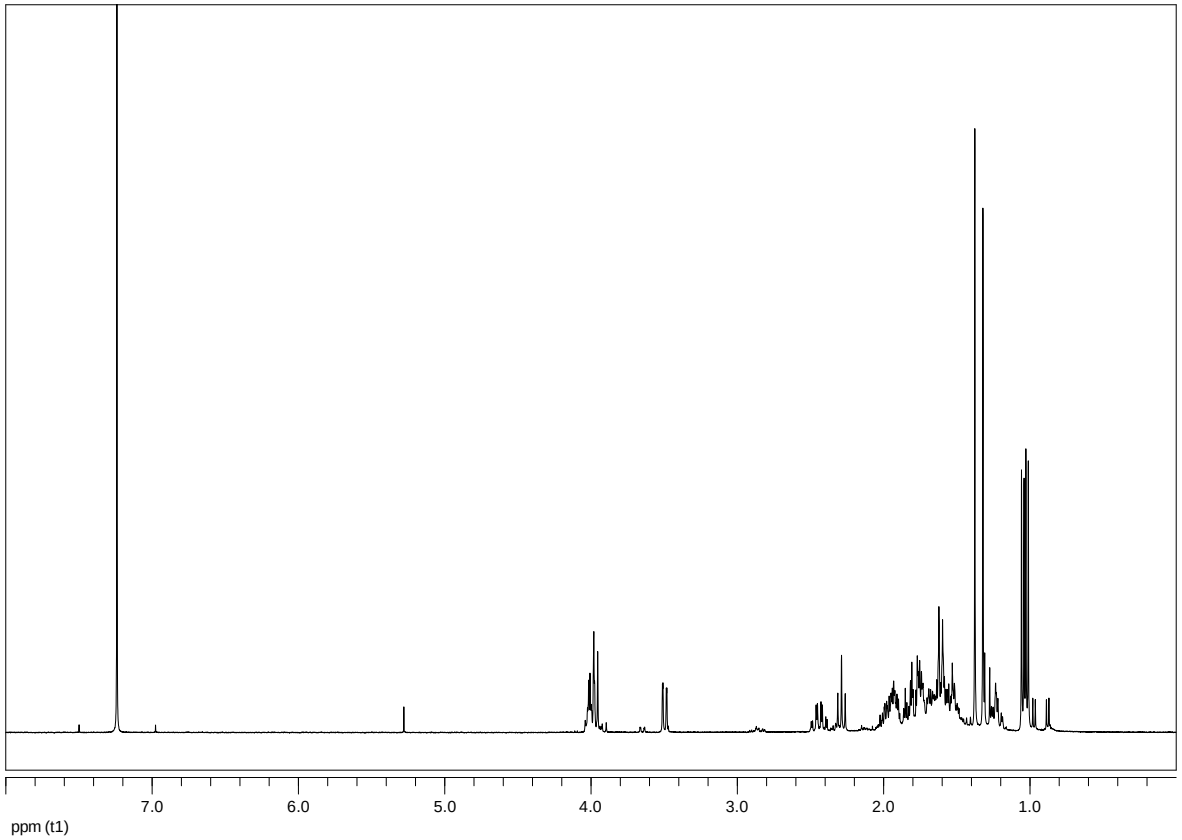

Figure S16. ^1H NMR spectrum ($CDCl_3$, 600 MHz) of compound **5**.

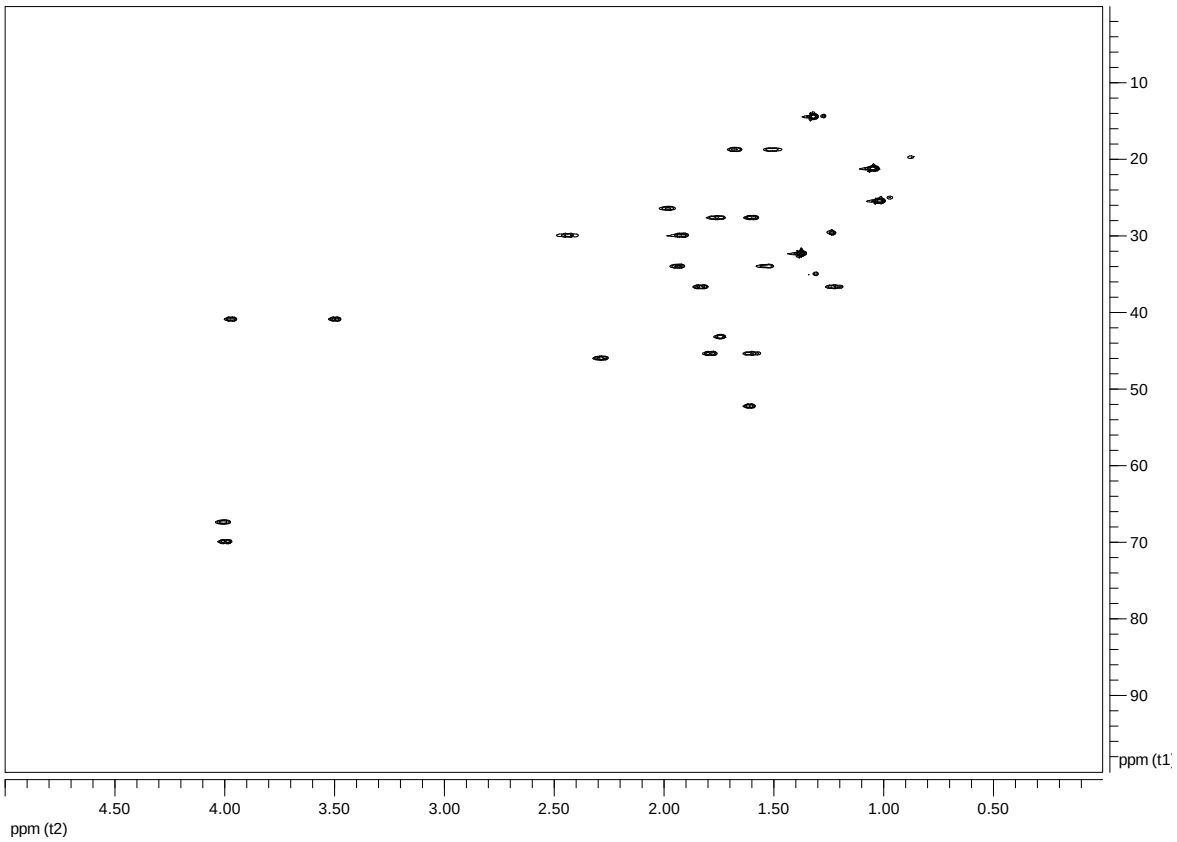

Figure S17. HSQC spectrum ($CDCl_3$, 600 MHz) of compound **5**.

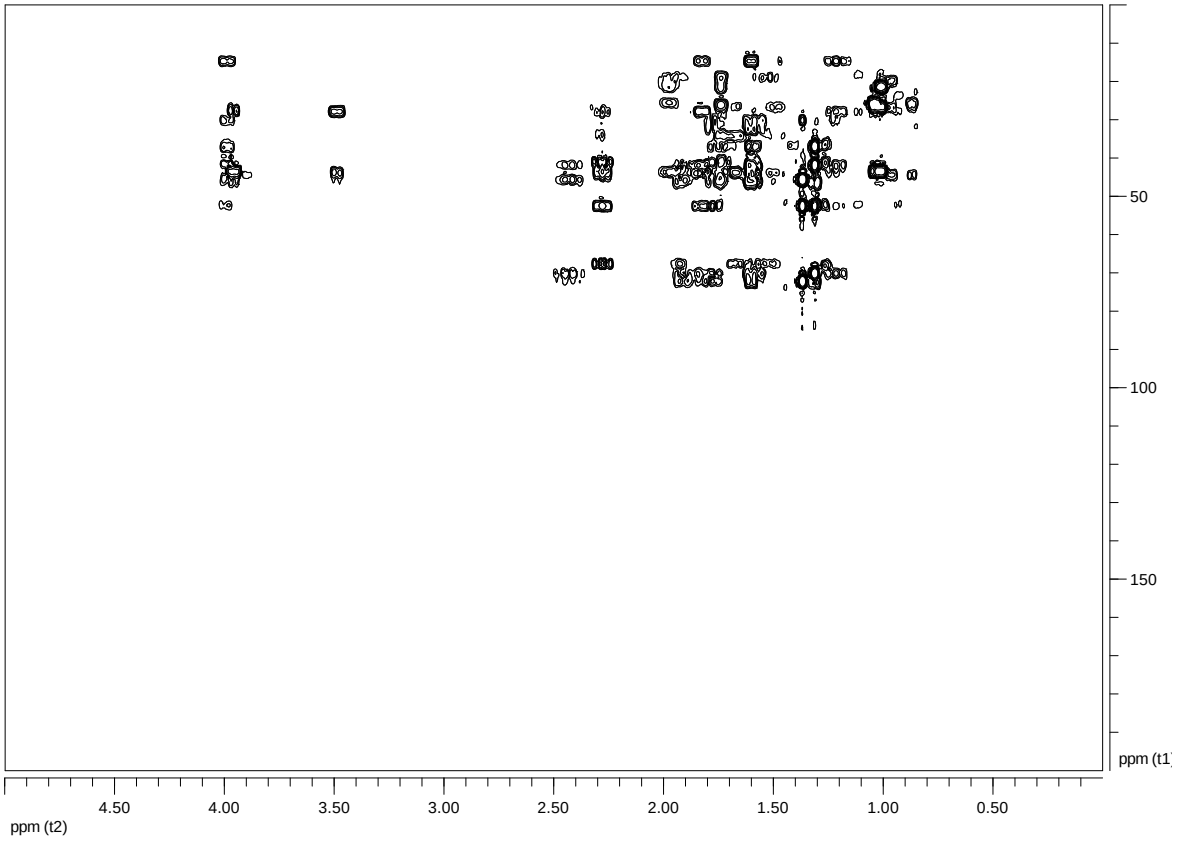

Figure S18. HMBC spectrum ($CDCl_3$, 400 MHz) of compound **5**.

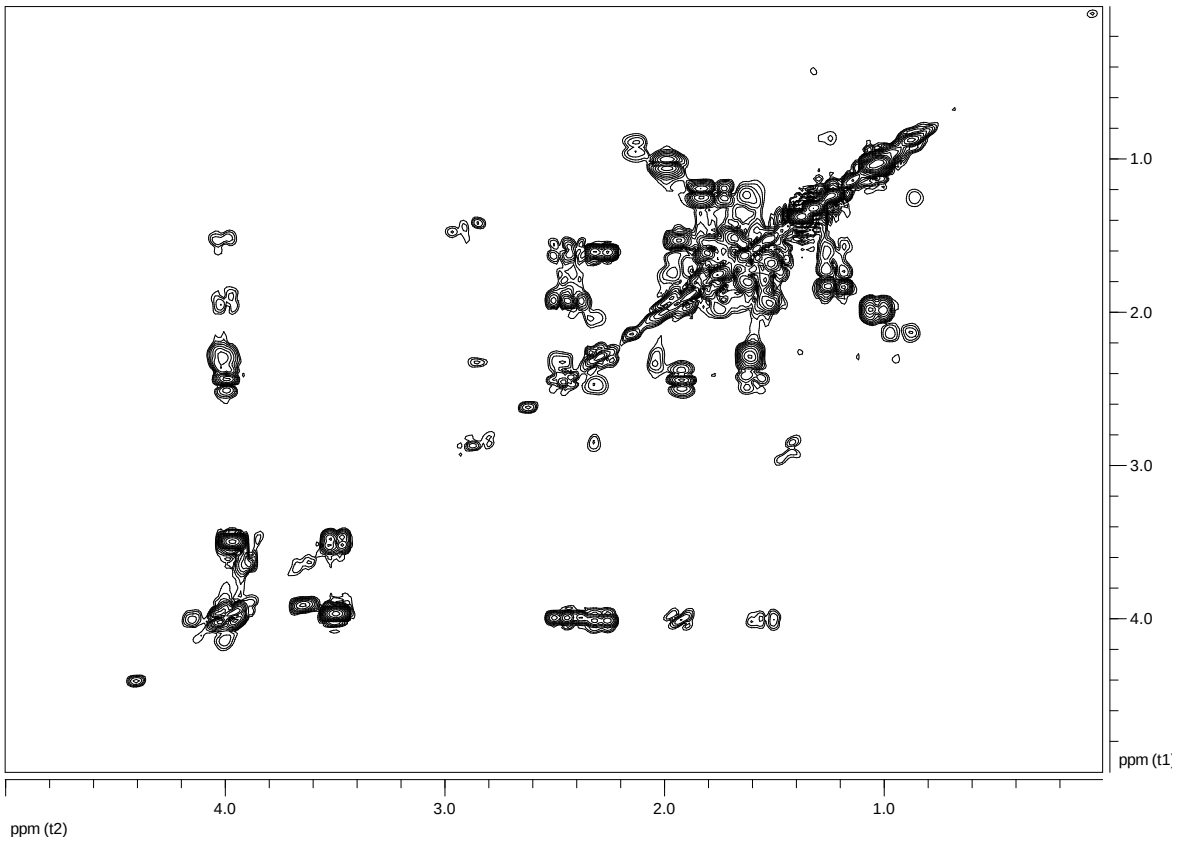

Figure S19. COSY spectrum ($CDCl_3$, 400 MHz) of compound **5**.

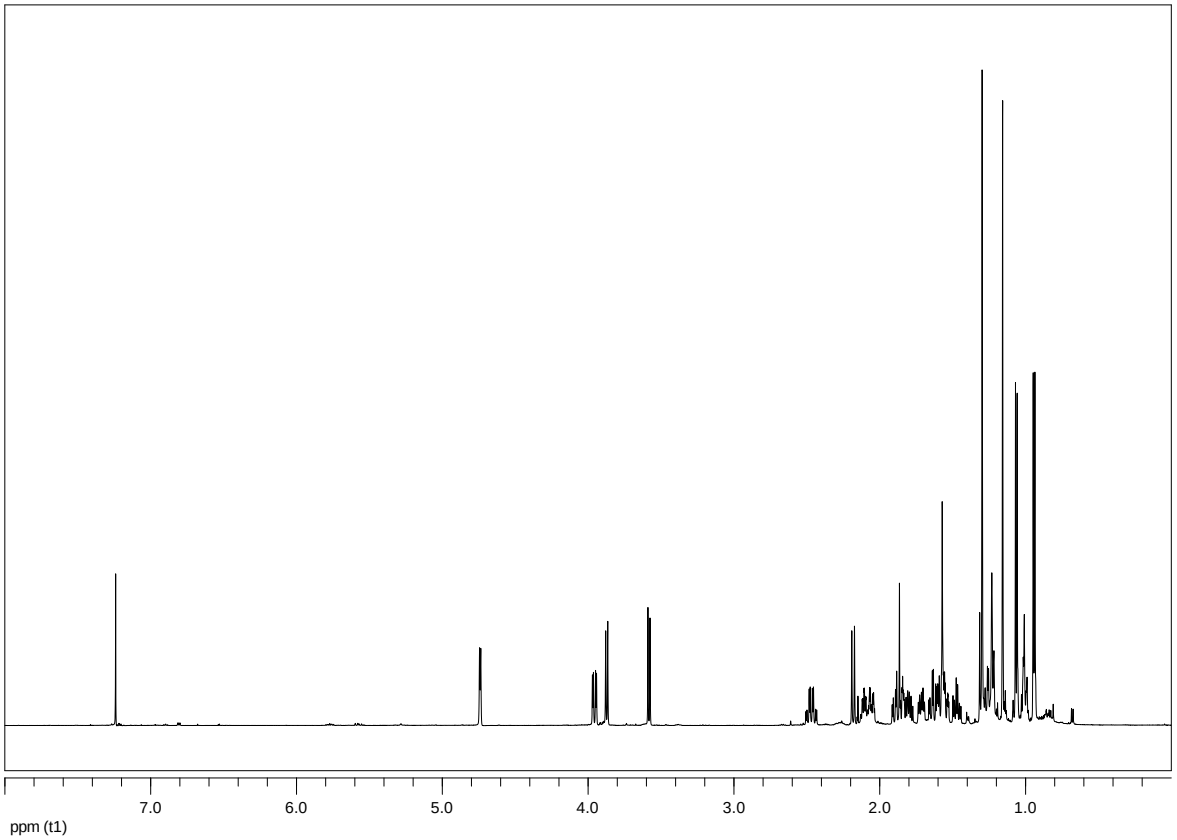

Figure S20. ^1H NMR spectrum ($CDCl_3$, 600 MHz) of compound **6**.

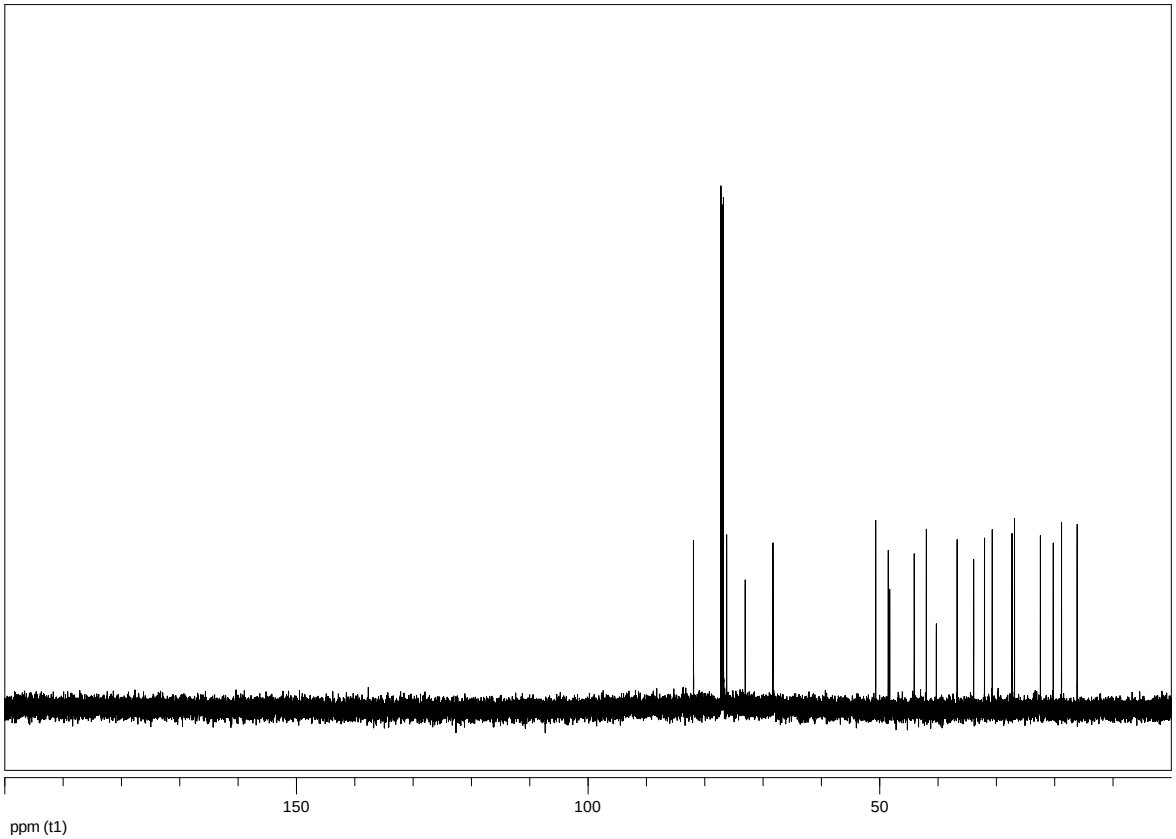

Figure S21. ^{13}C NMR spectrum ($CDCl_3$, 150 MHz) of compound **6**.

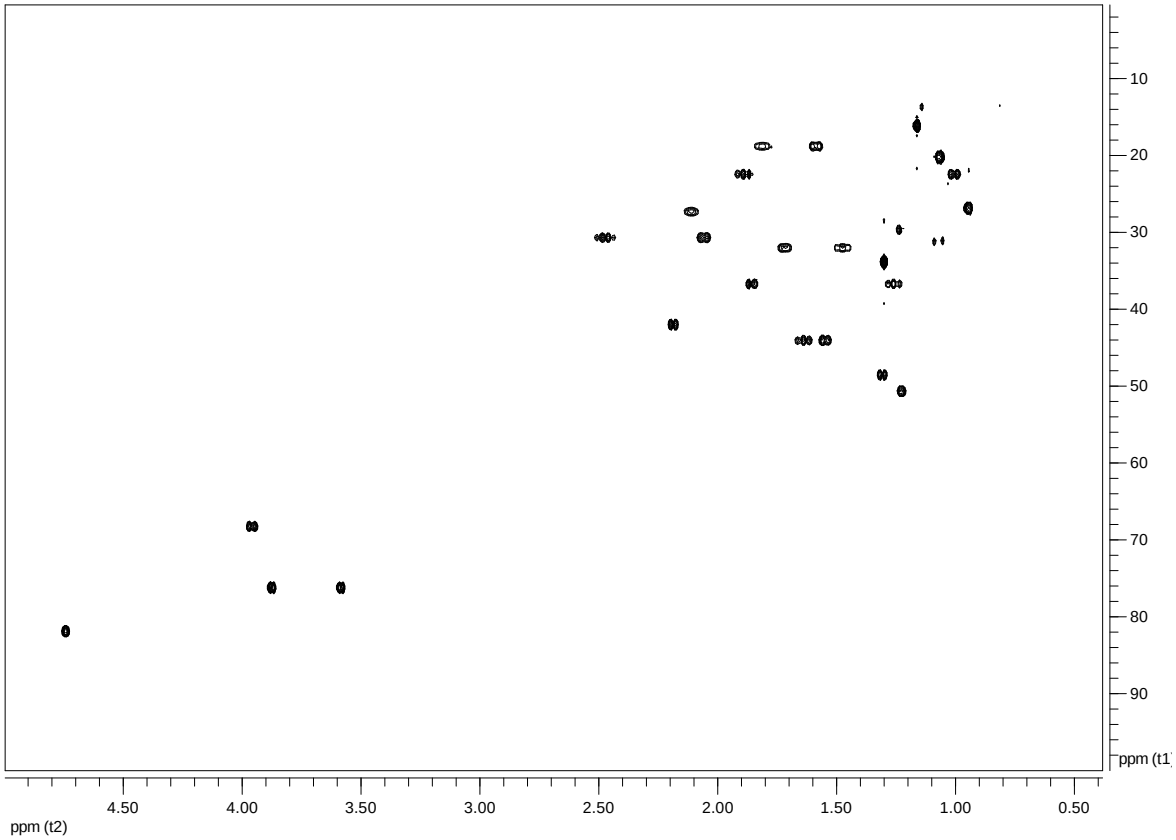

Figure S22. HSQC spectrum ($CDCl_3$, 600 MHz) of compound **6**.

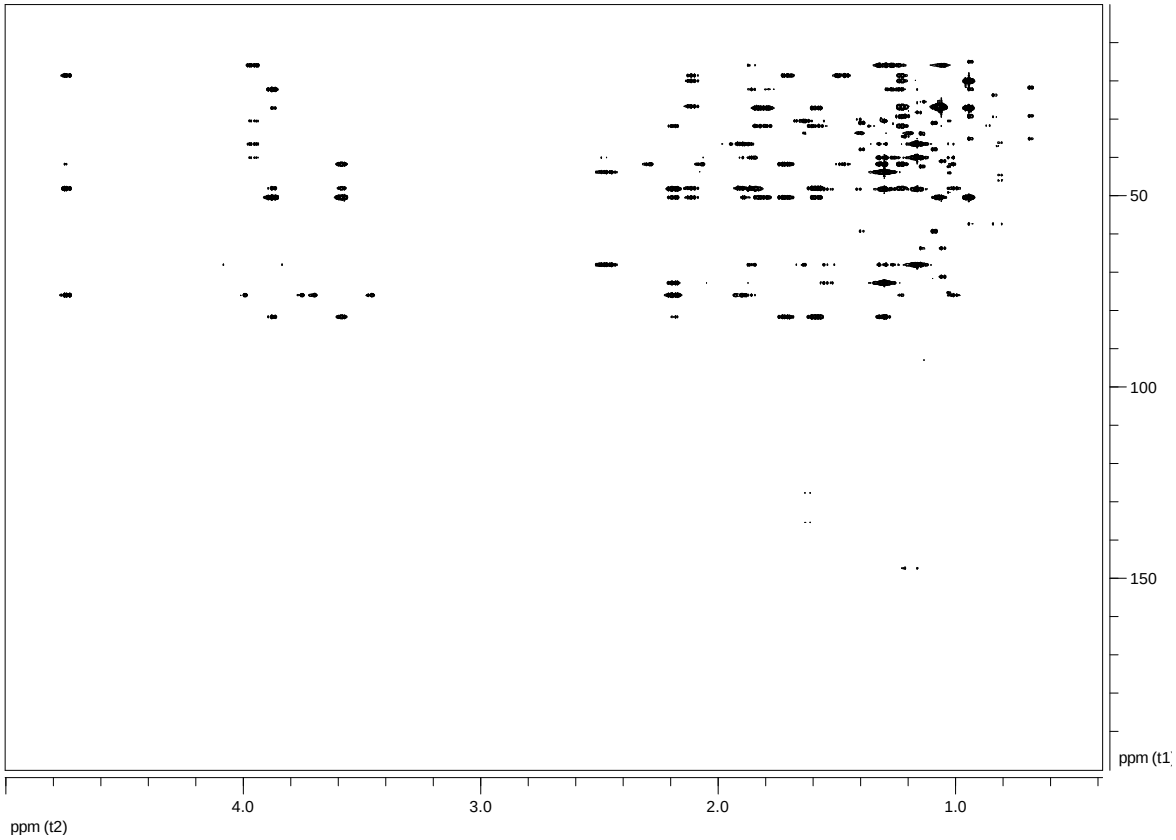

Figure S23. HMBC spectrum ($CDCl_3$, 600 MHz) of compound **6**.

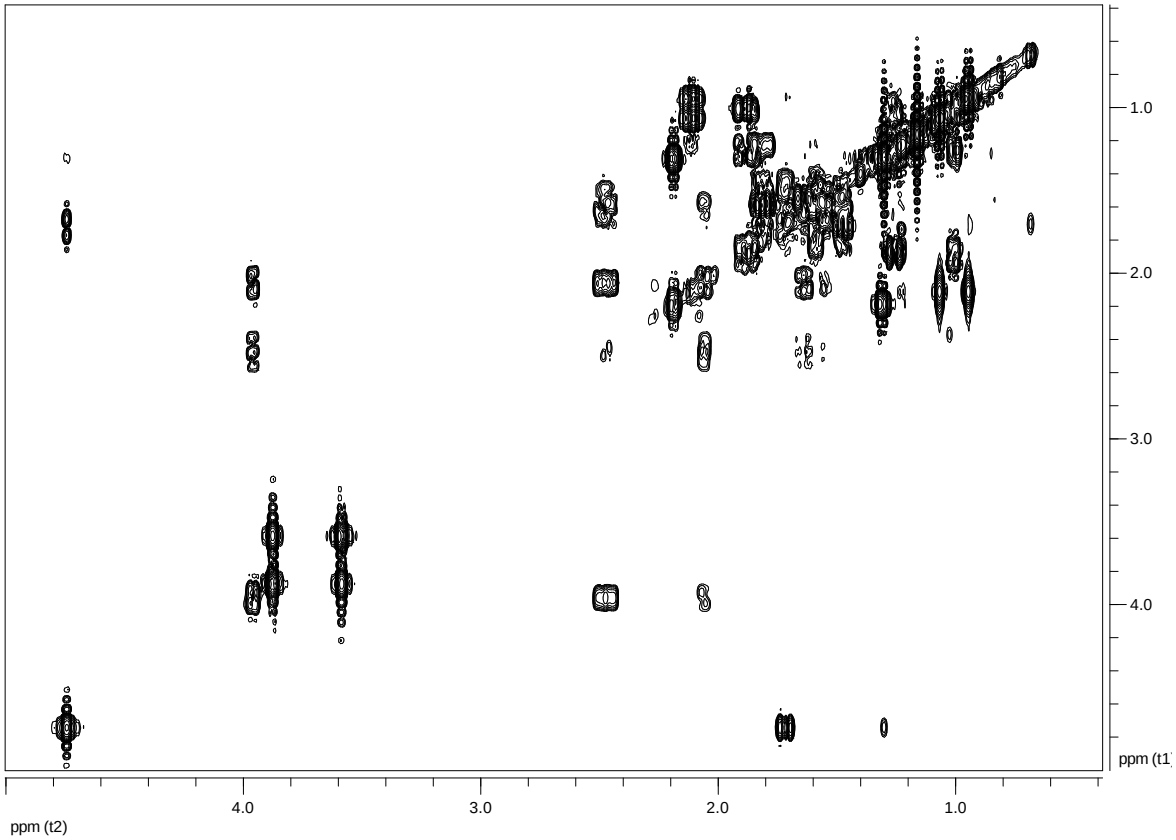

Figure S24. COSY spectrum ($CDCl_3$, 600 MHz) of compound **6**.

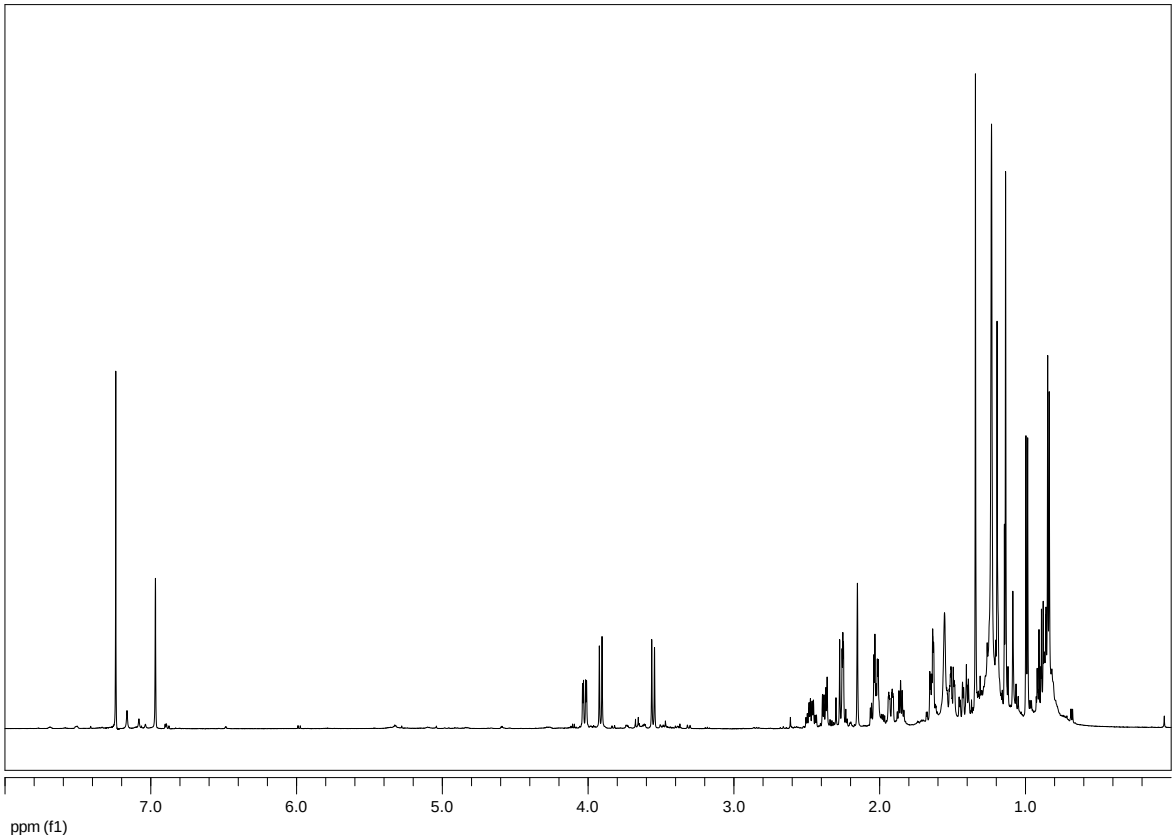

Figure S25. ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of compound **7**.

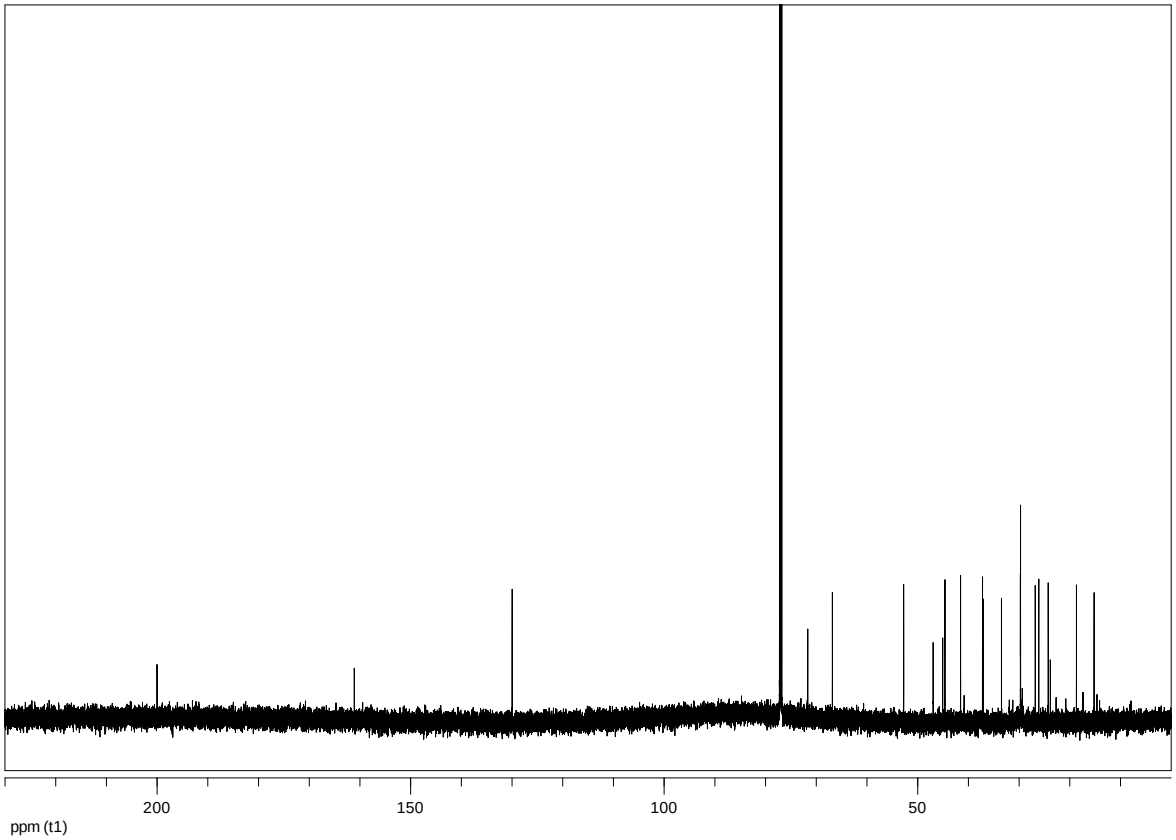

Figure S26. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **7**.

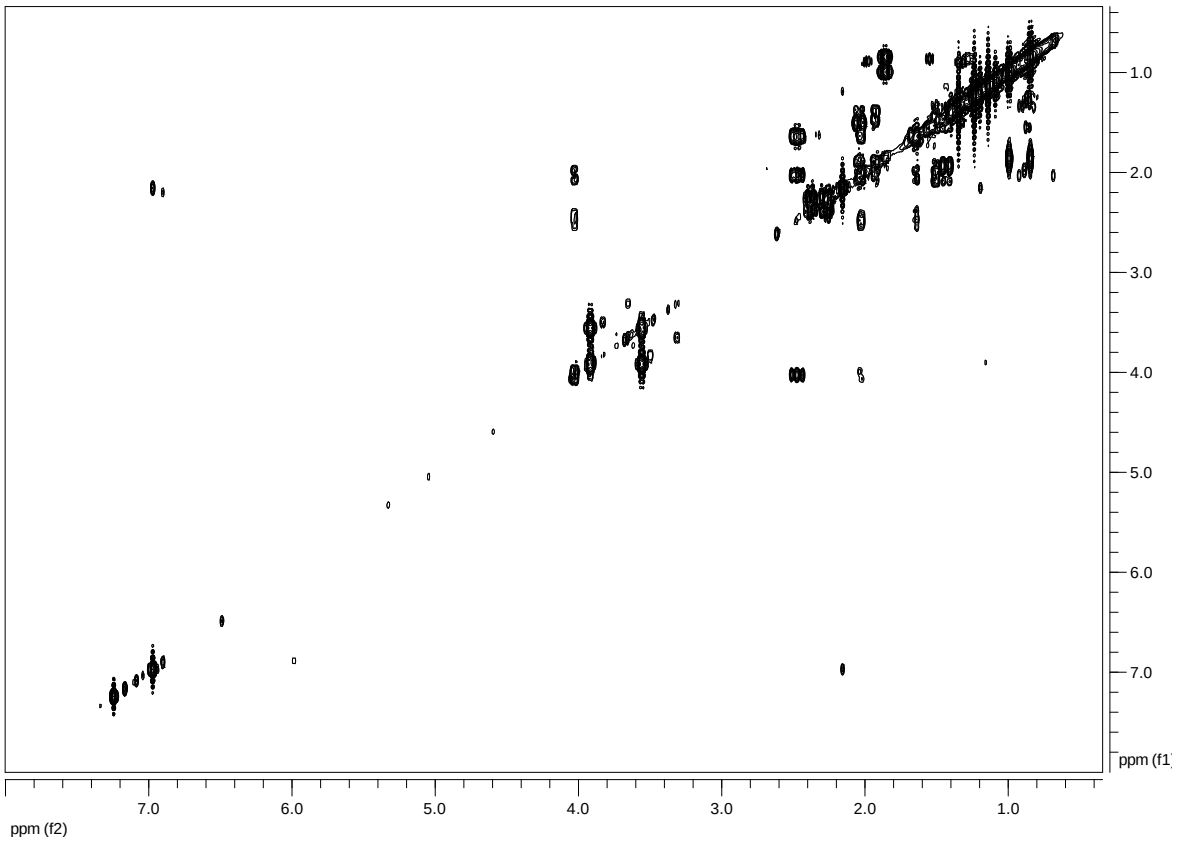

Figure S27. COSY spectrum ($CDCl_3$, 600 MHz) of compound **7**.

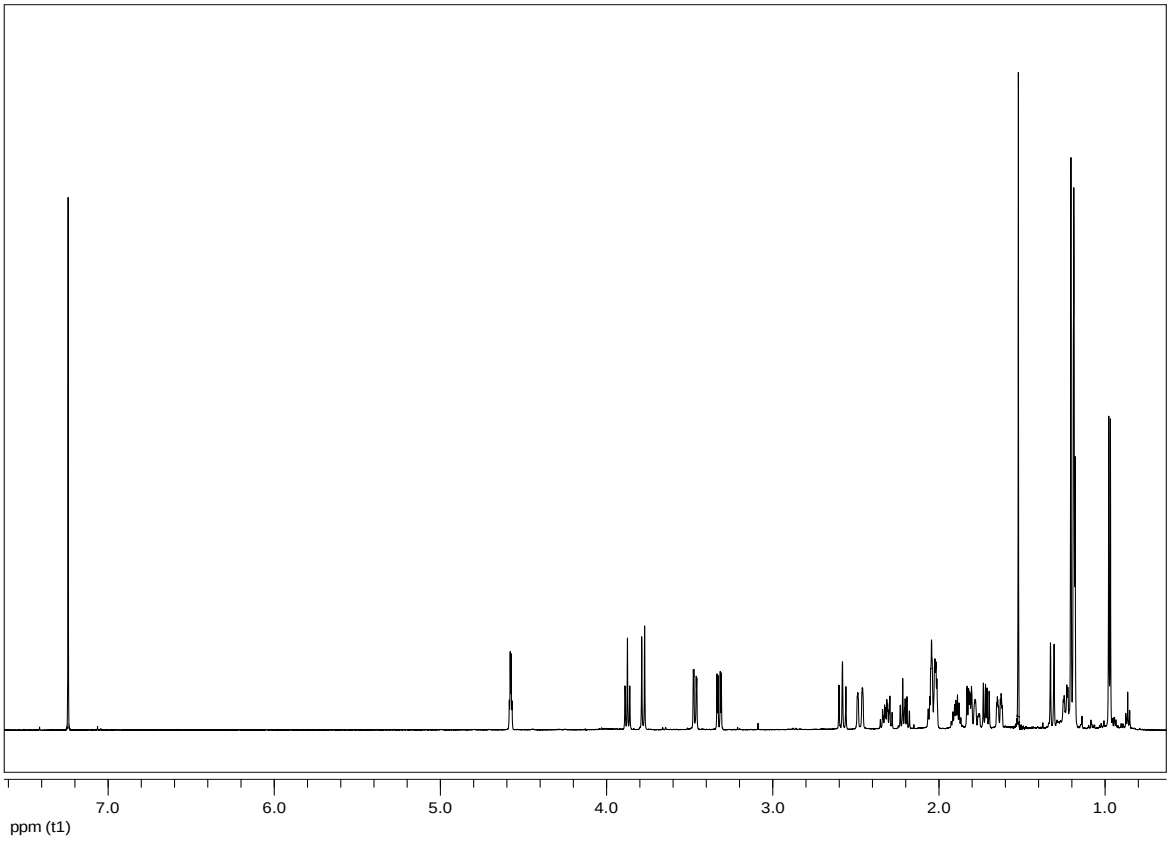

Figure S28. ^1H NMR spectrum ($CDCl_3$, 600 MHz) of compound **8**.

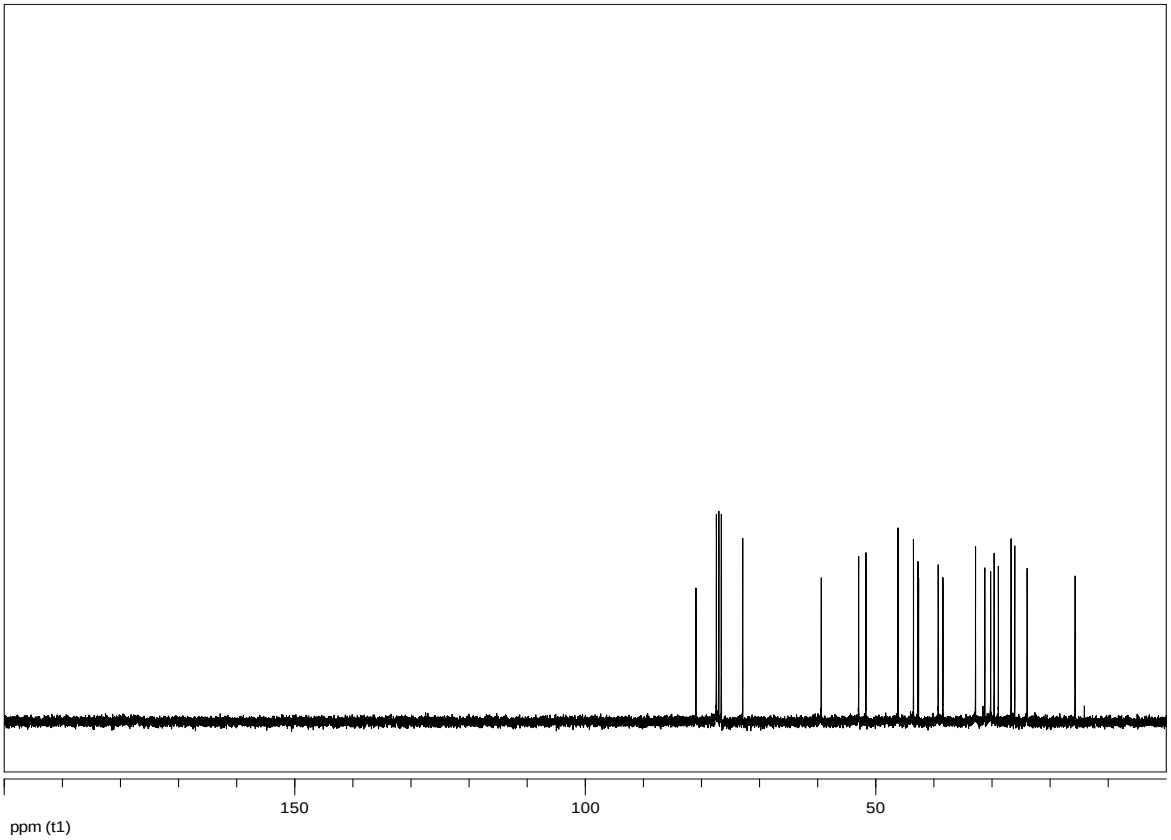

Figure S29. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **8**.

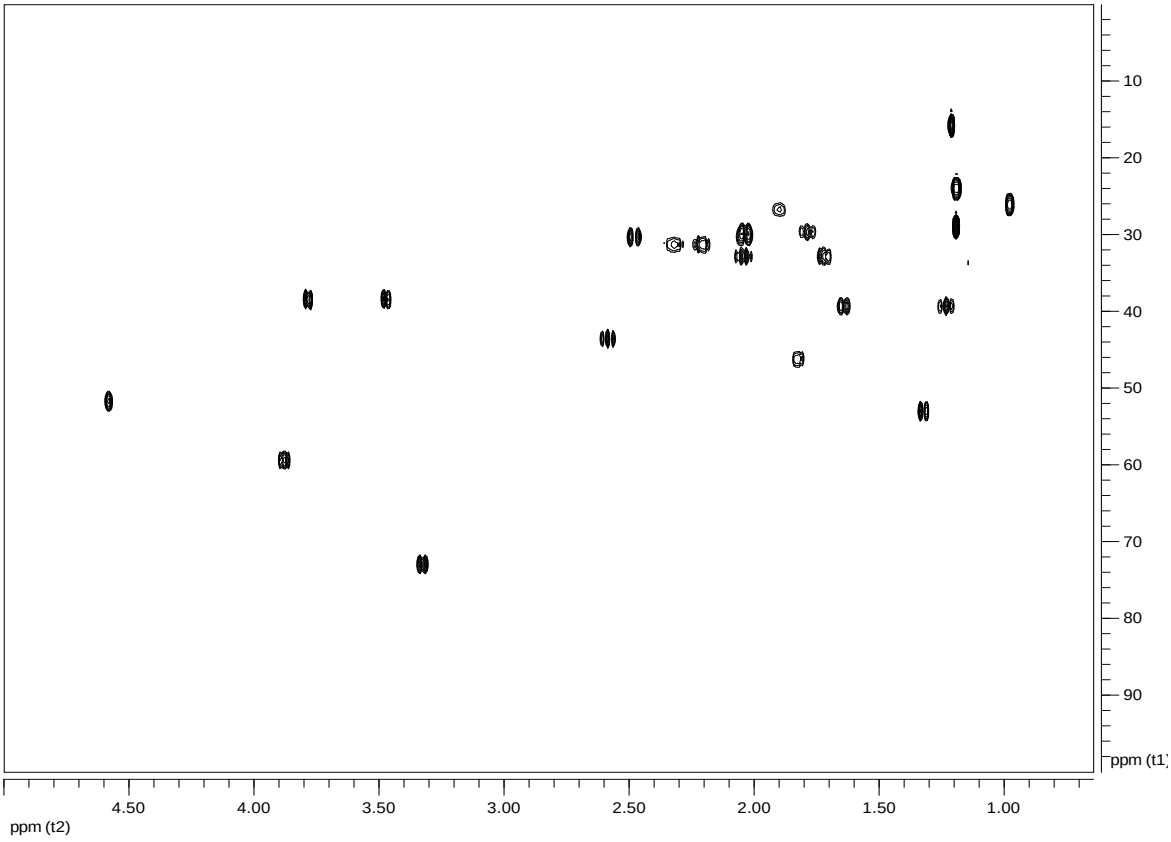

Figure S30. HSQC spectrum ($CDCl_3$, 600 MHz) of compound **8**.

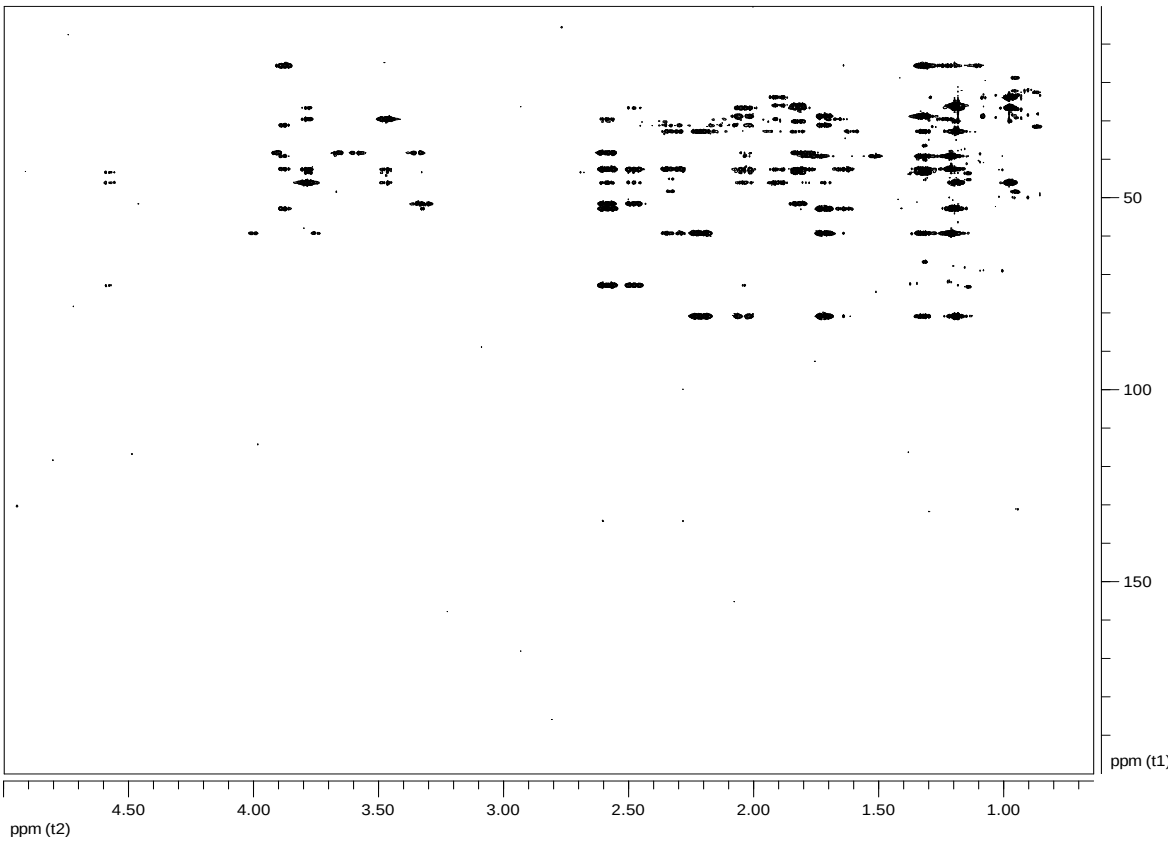

Figure S31. HMBC spectrum ($CDCl_3$, 600 MHz) of compound **8**.

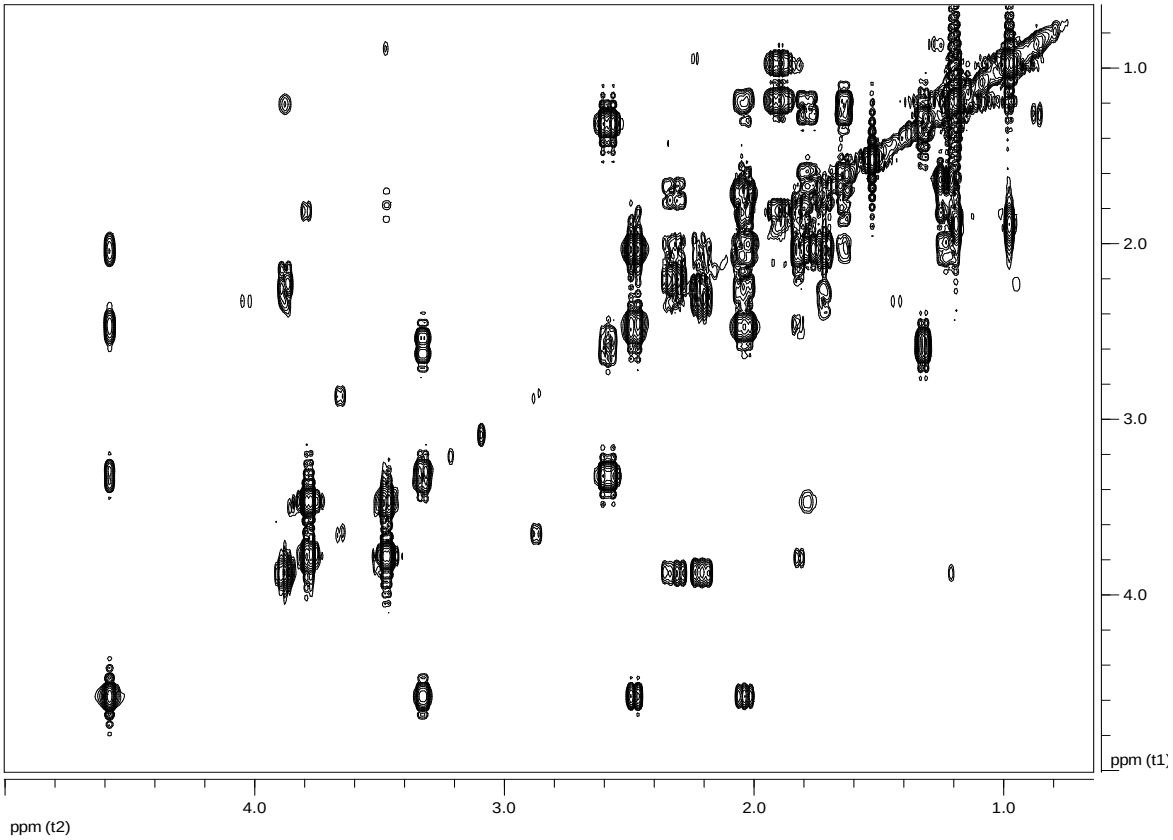

Figure S32. COSY spectrum ($CDCl_3$, 600 MHz) of compound **8**.

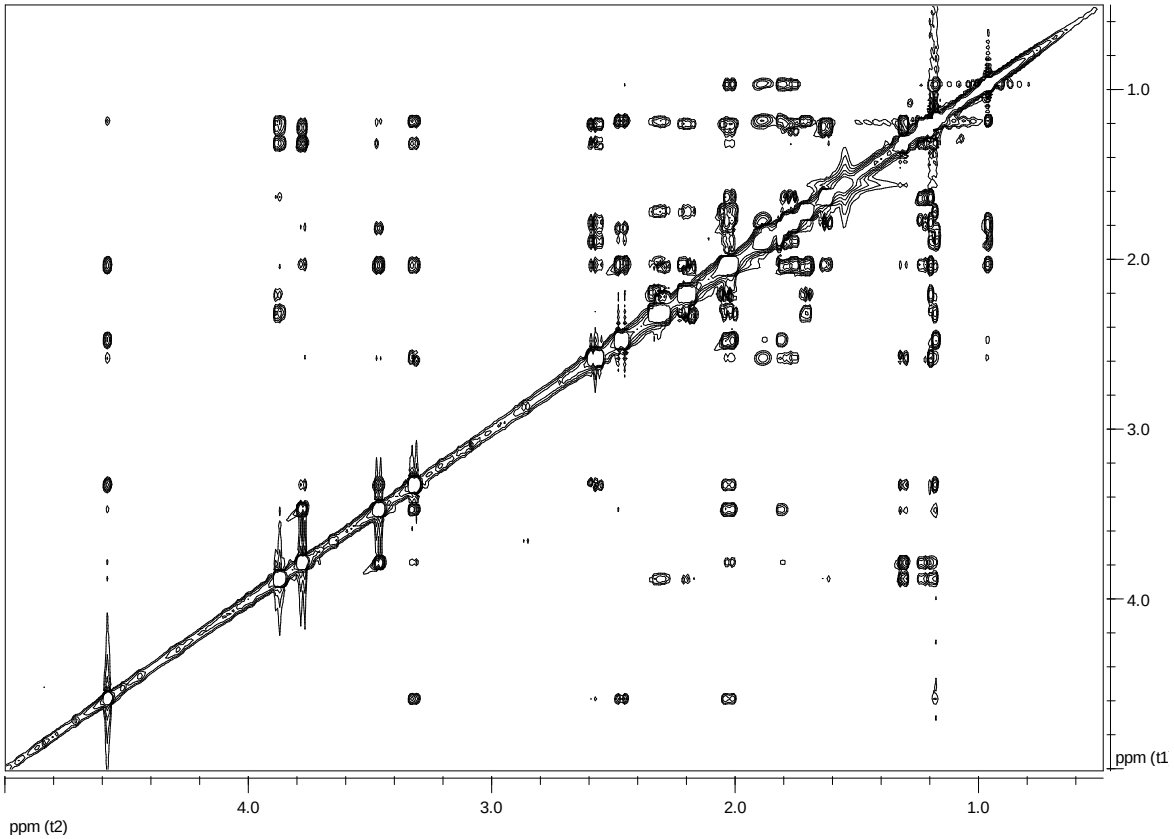

Figure S33. NOESY spectrum ($CDCl_3$, 600 MHz) of compound **8**.

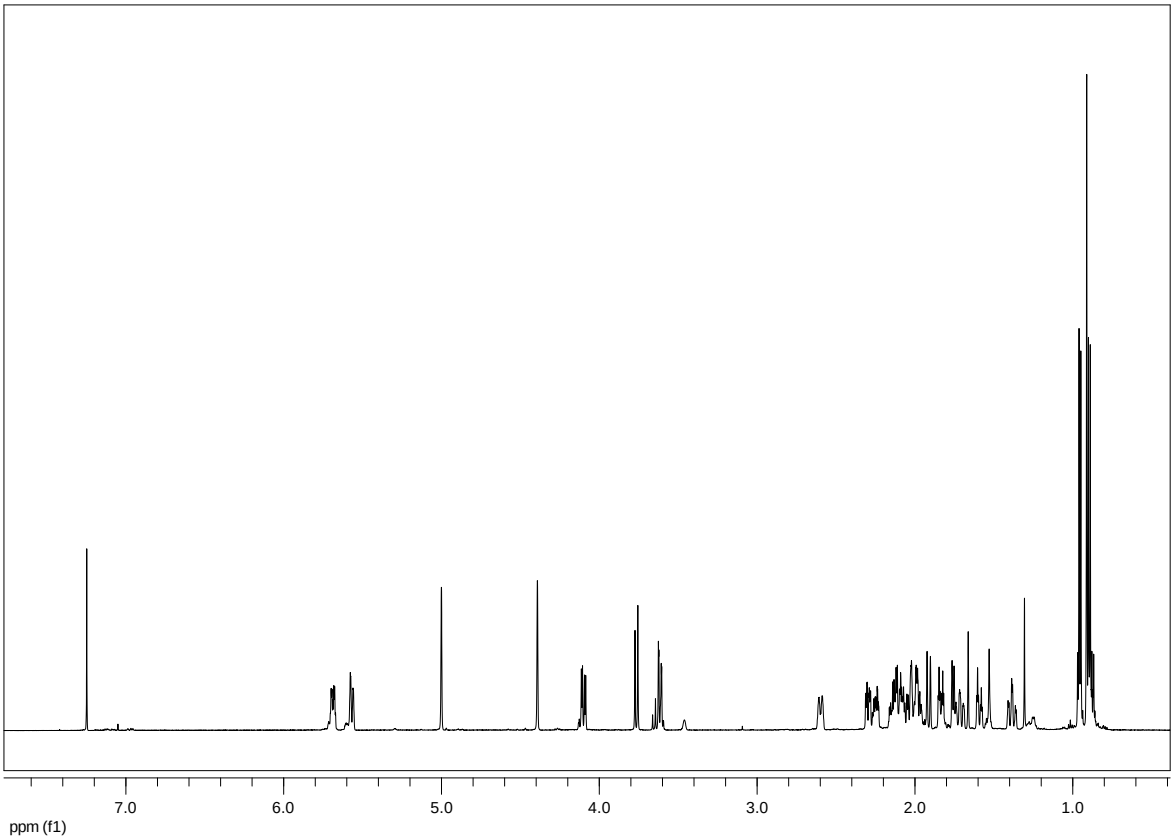

Figure S34. ^1H NMR spectrum ($CDCl_3$, 600 MHz) of compound **9**.

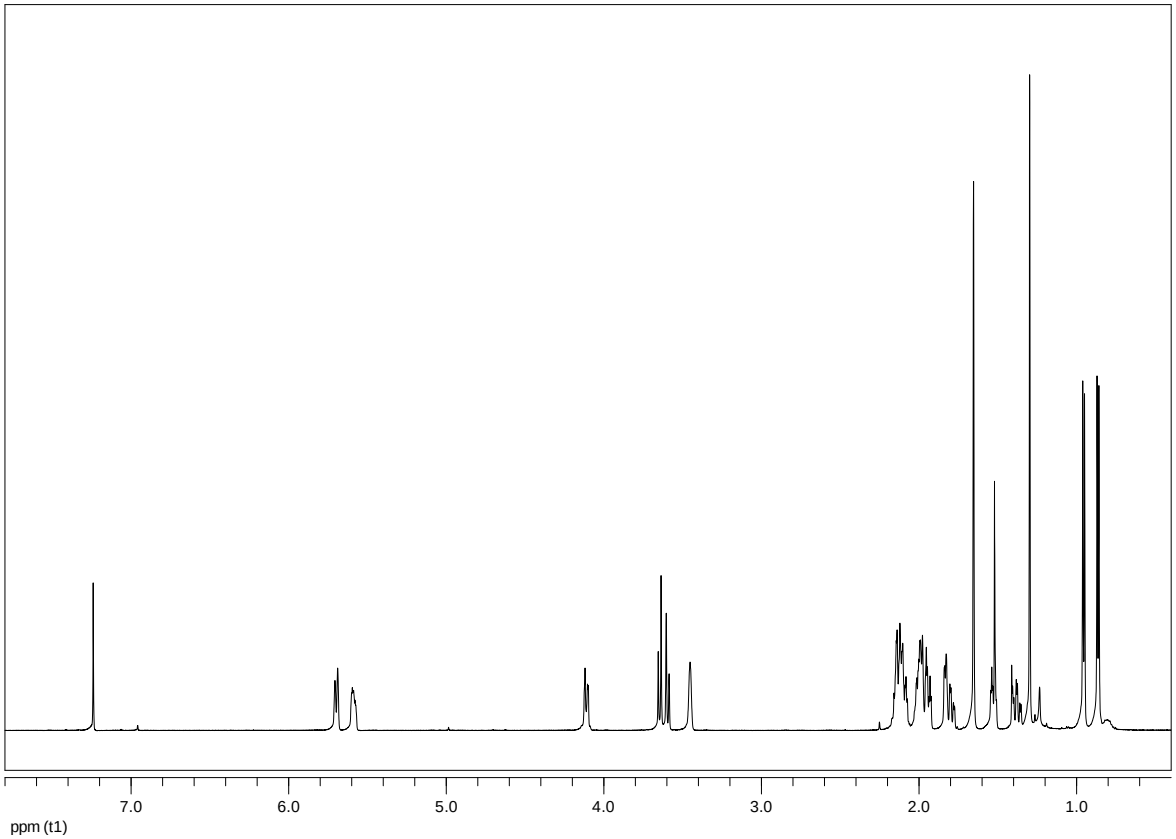

Figure S35. ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of compound **10**.

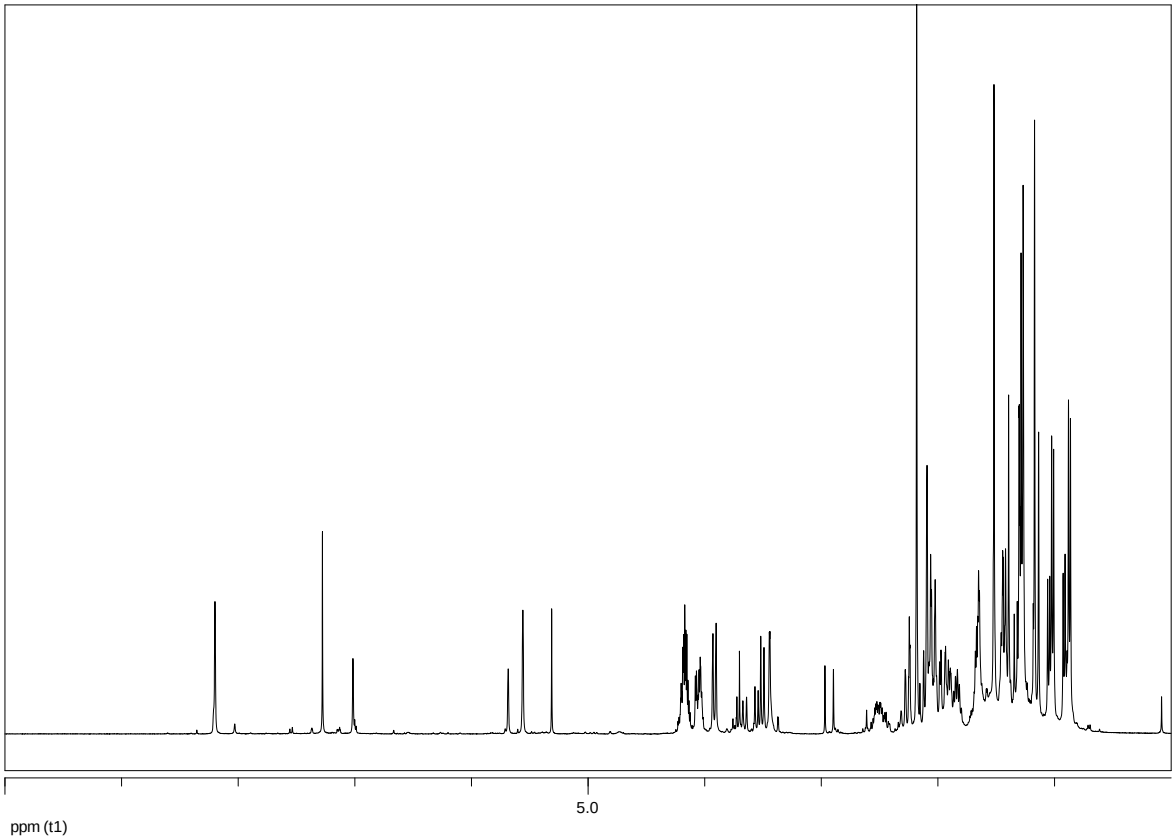

Figure S36. ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of compound **11** (mixture of *E,Z* geometrical isomers).

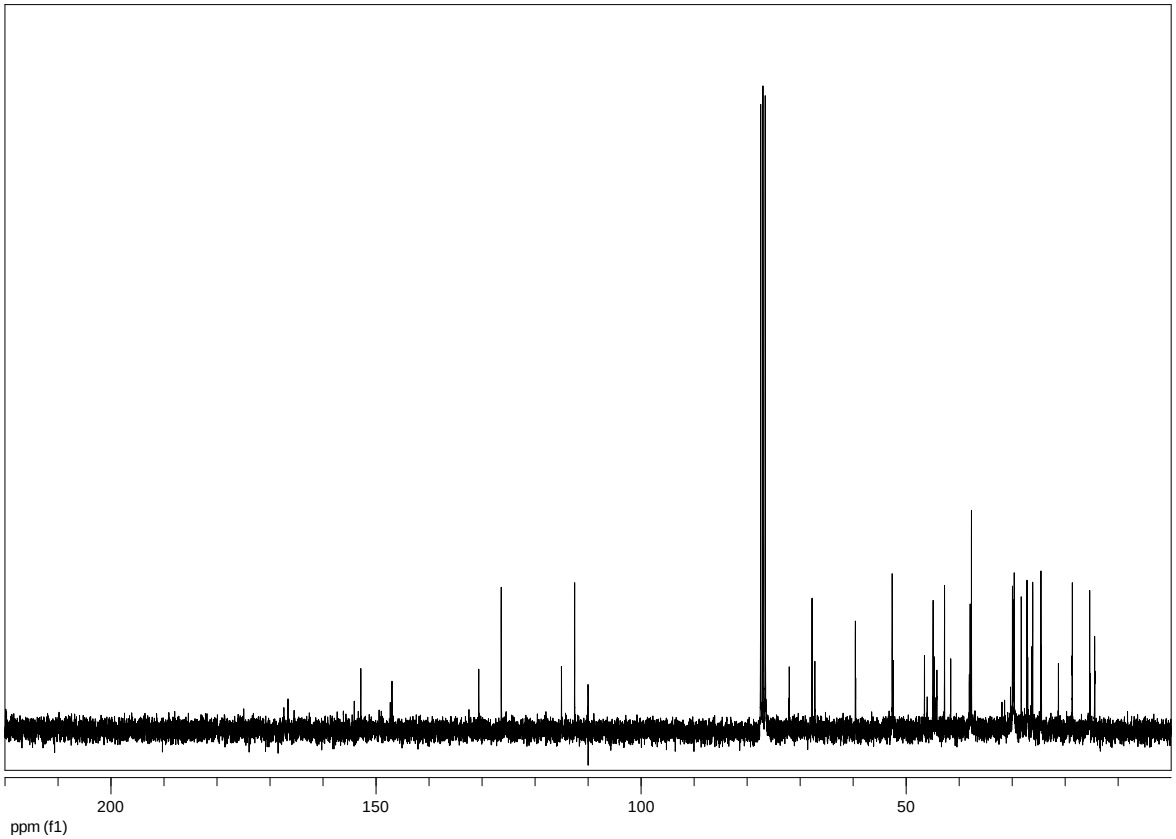

Figure S37. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **11** (mixture of *E,Z* geometrical isomers).

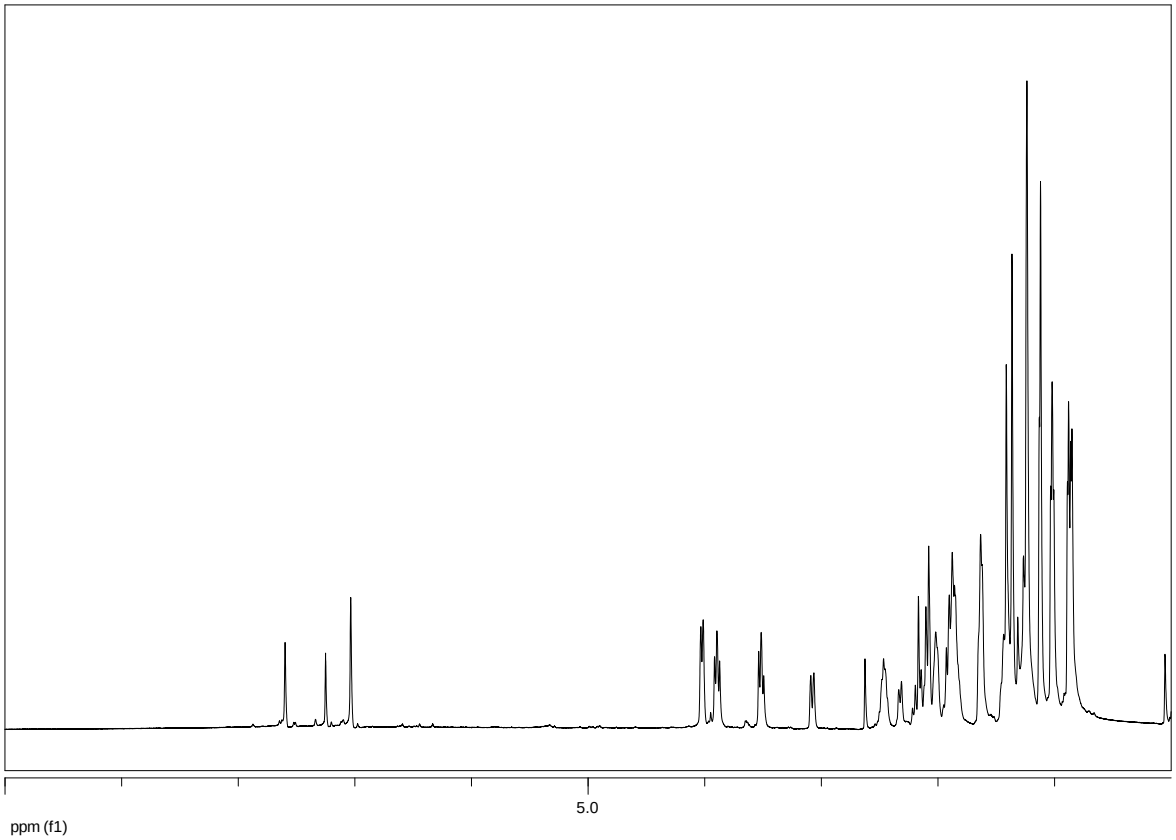

Figure S38. ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of compound **12** (mixture of *E,Z* geometrical isomers).

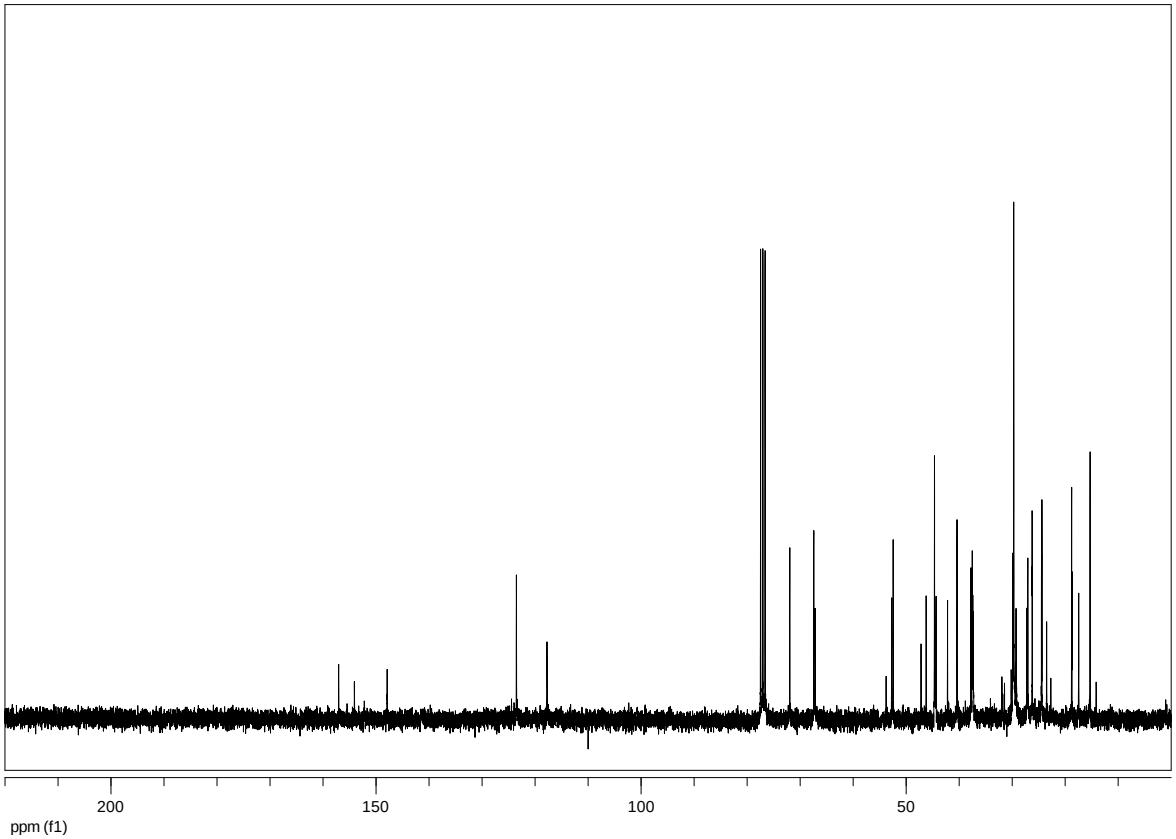

Figure S39. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **12** (mixture of *E,Z* geometrical isomers).

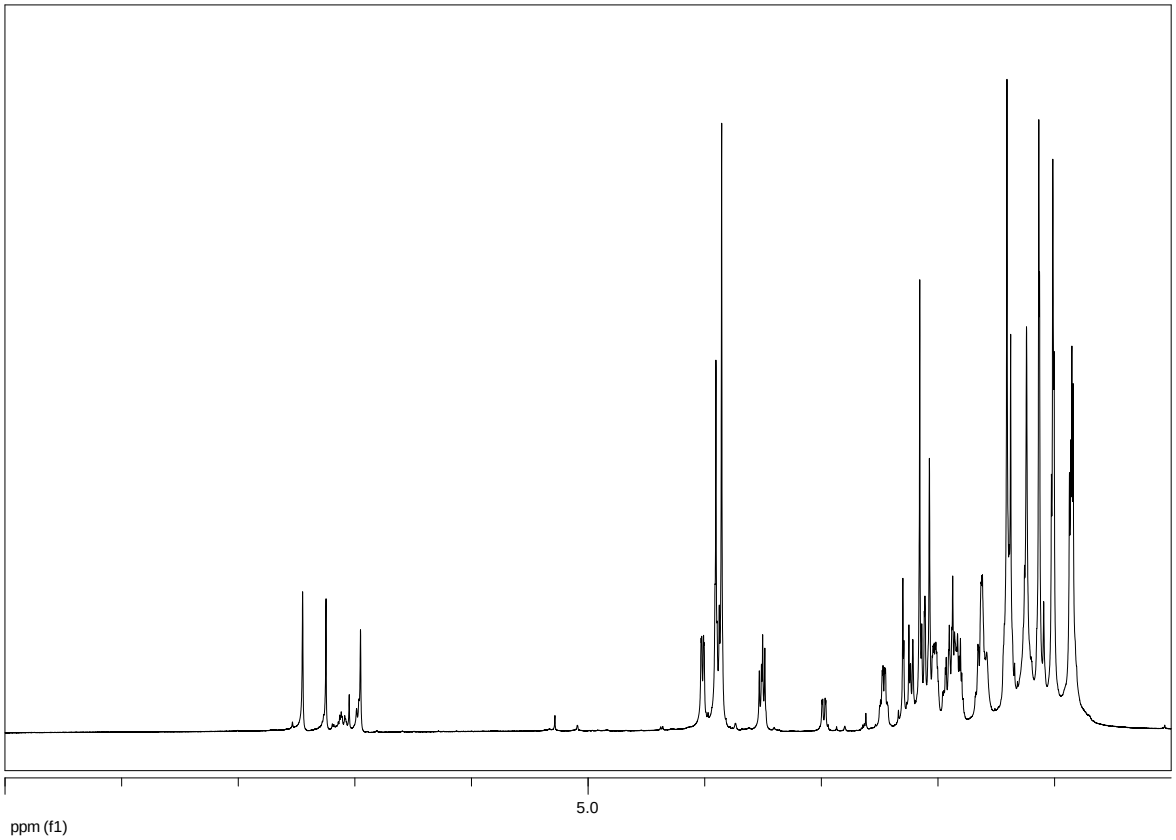

Figure S40. ^{1}H NMR spectrum ($CDCl_3$, 600 MHz) of compound **13** (mixture of *E,Z* geometrical isomers).

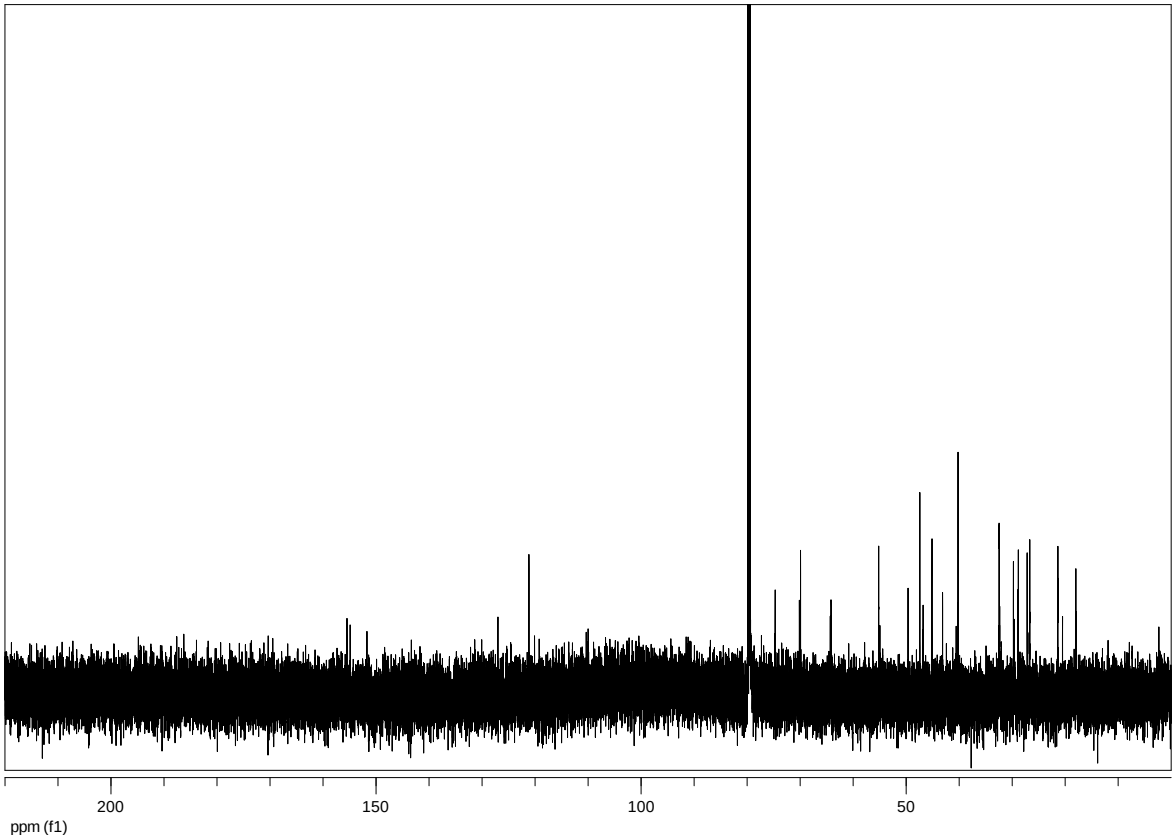

Figure S41. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **13** (mixture of *E,Z* geometrical isomers).

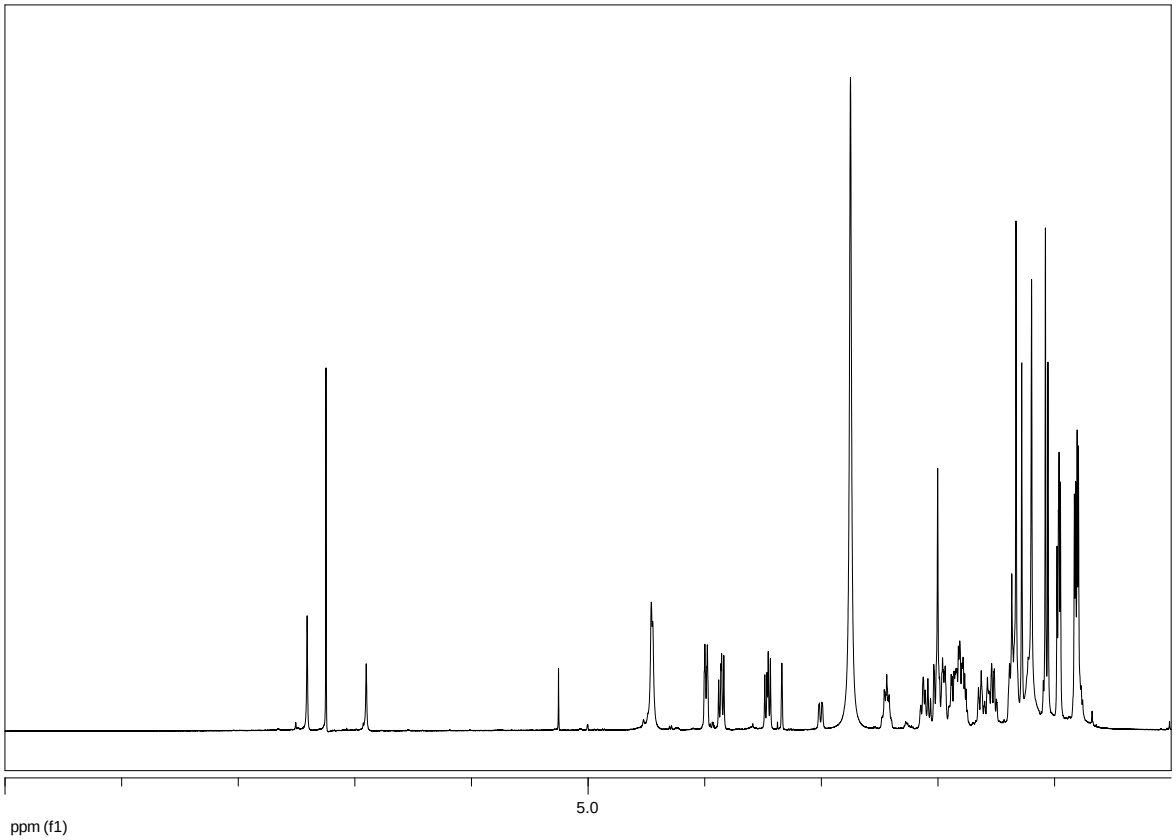

Figure S42. ^{1}H NMR spectrum ($CDCl_3$ / CD_3OD, 600 MHz) of compound **14** (mixture of *E,Z* geometrical isomers).

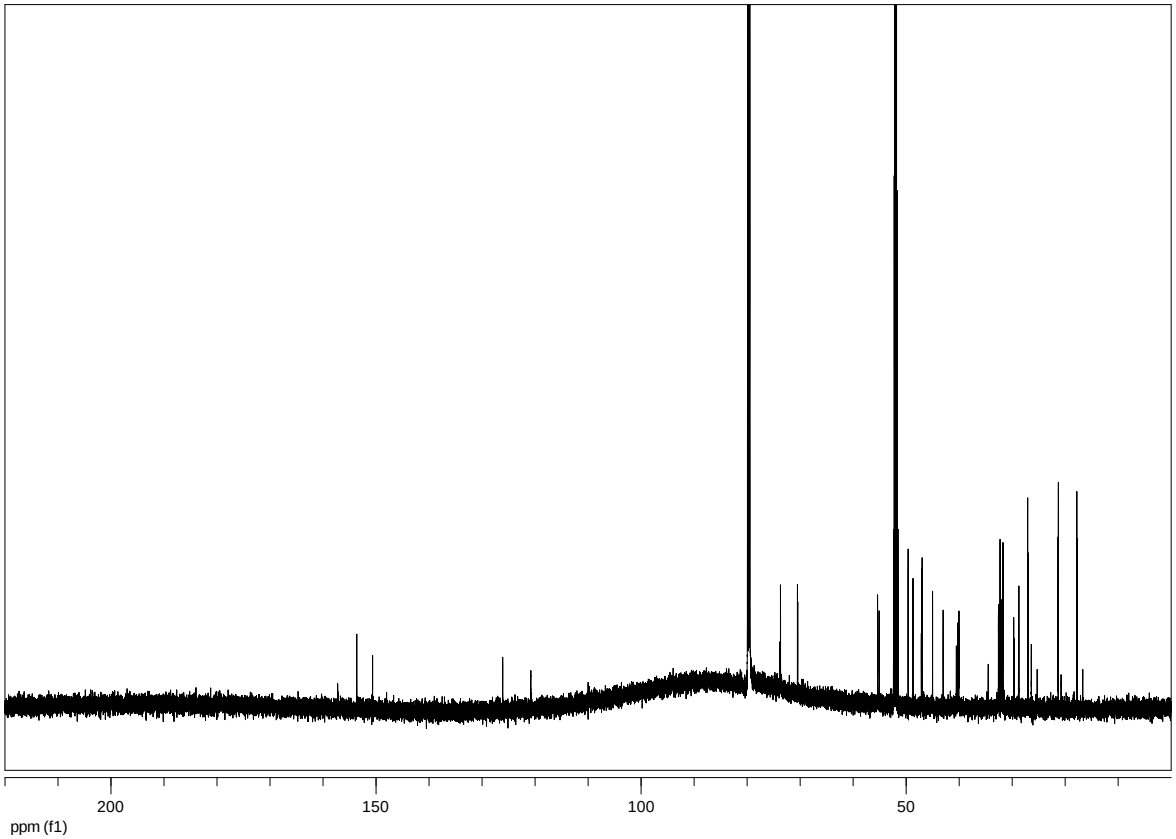

Figure S43. ^{13}C NMR spectrum ($CDCl_3$ / CD_3OD, 150 MHz) of compound **14** (mixture of *E,Z* geometrical isomers).

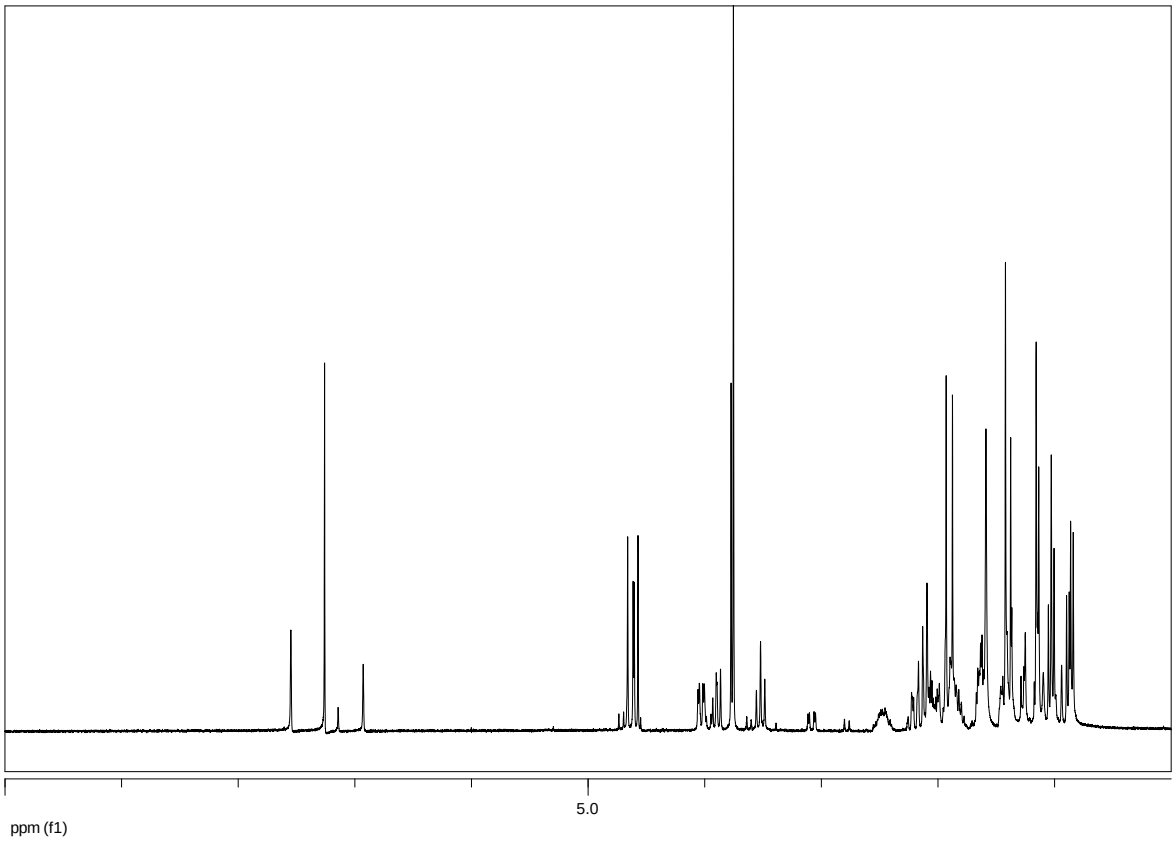

Figure S44. ^{1}H NMR spectrum ($CDCl_3$, 300 MHz) of compound **15** (mixture of *E,Z* geometrical isomers).

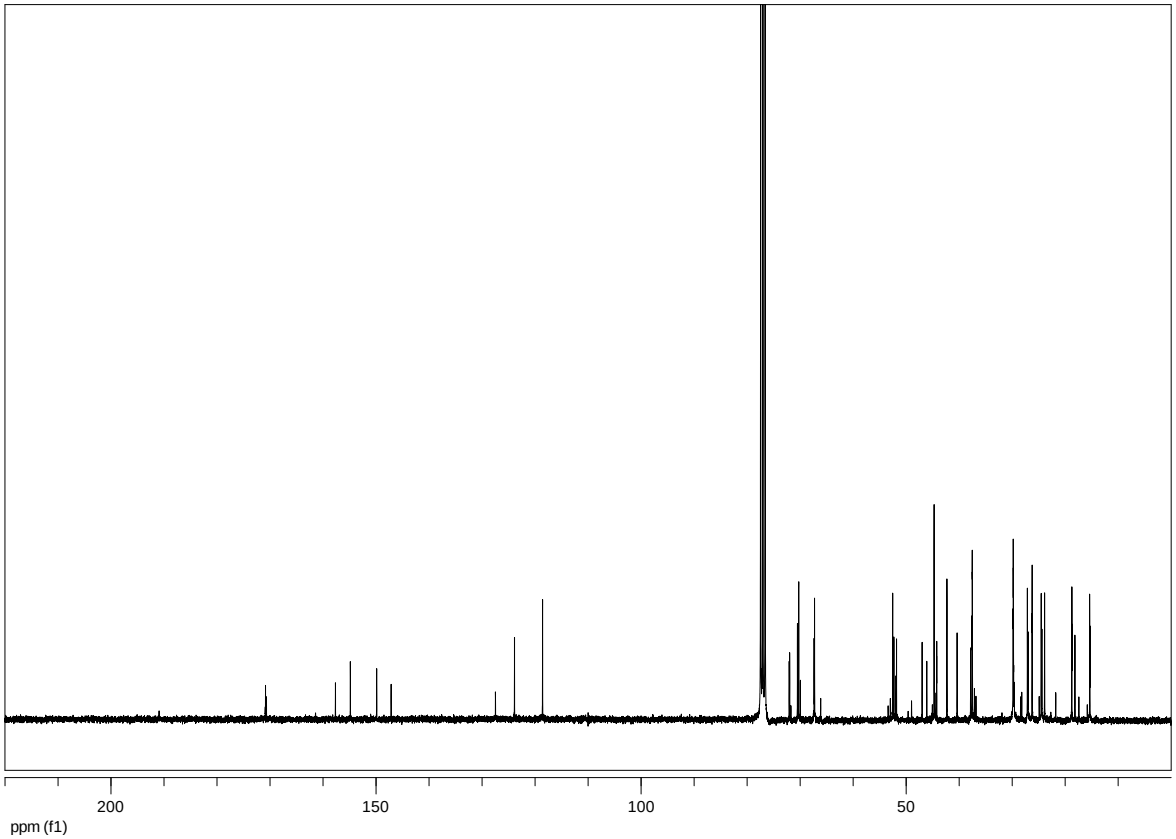

Figure S45. ^{13}C NMR spectrum ($CDCl_3$, 75 MHz) of compound **15** (mixture of *E,Z* geometrical isomers).

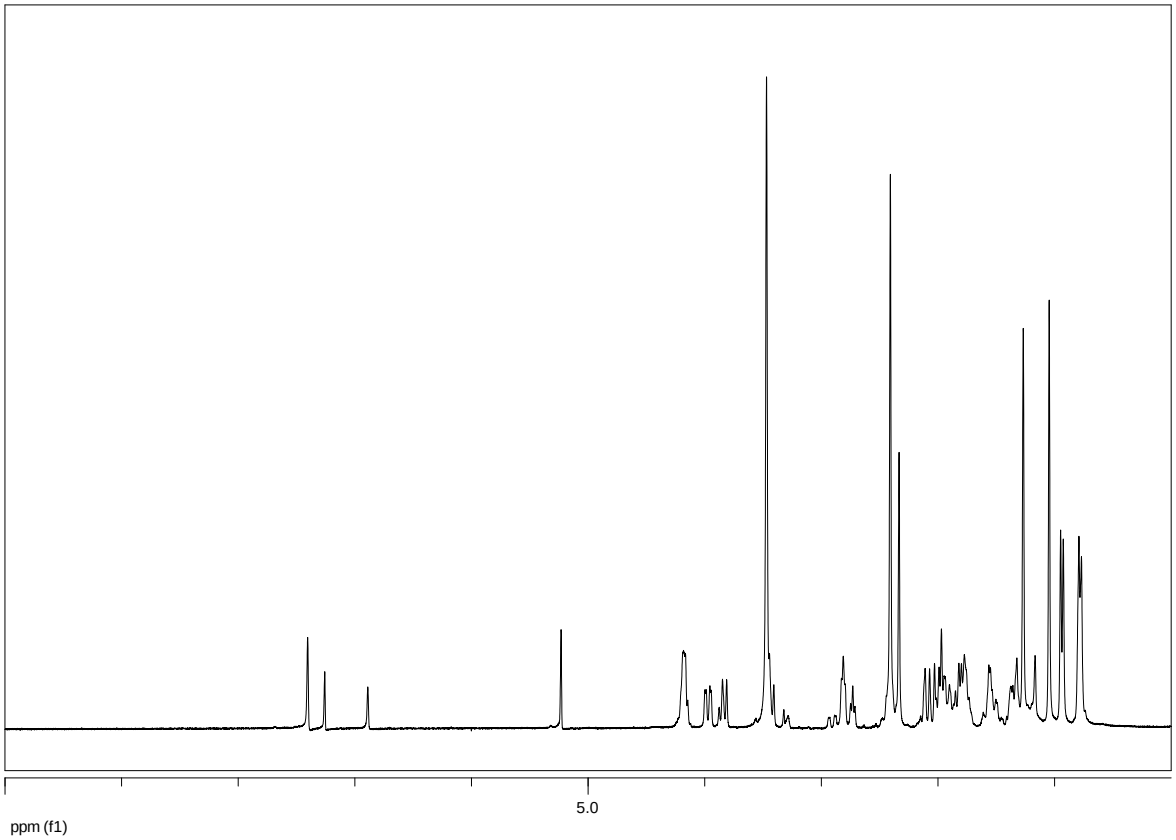

Figure S46. ^{1}H NMR spectrum ($CDCl_3$ / CD_3OD, 300 MHz) of compound **16** (mixture of *E,Z* geometrical isomers).

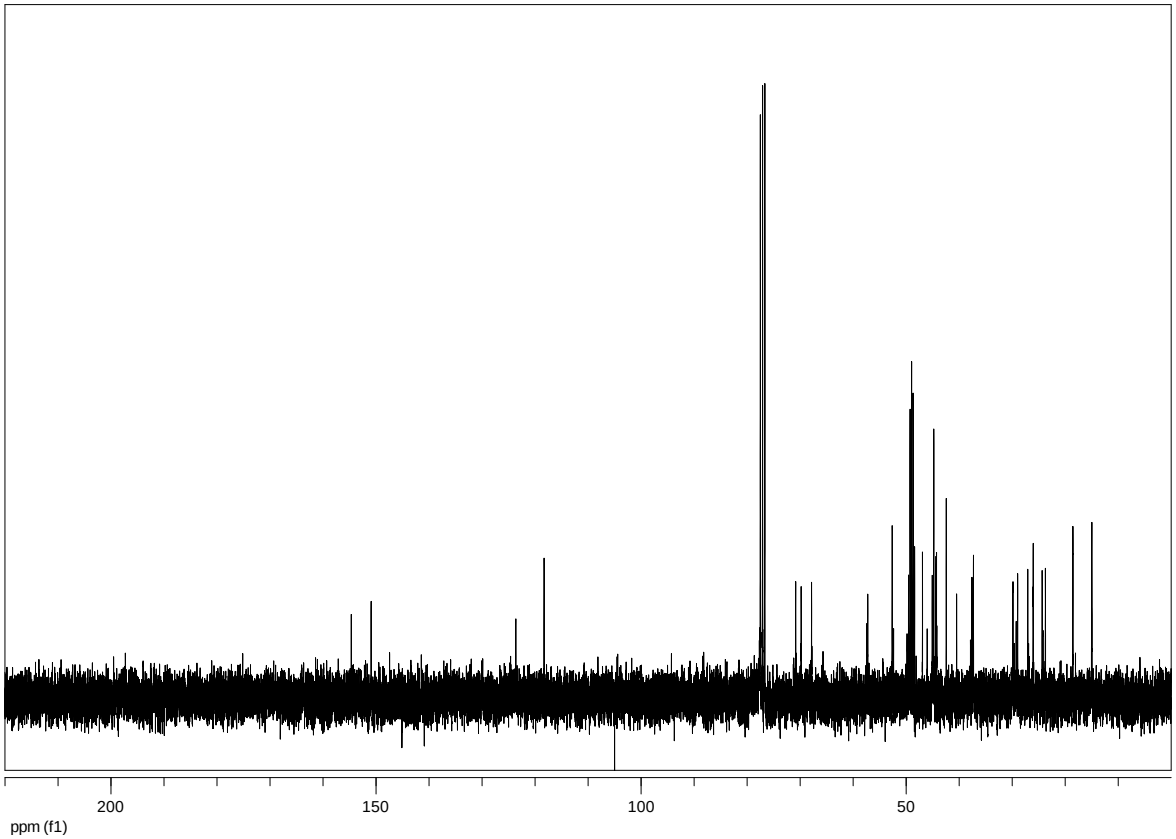

Figure S47. ^{13}C NMR spectrum ($CDCl_3$ / CD_3OD, 75 MHz) of compound **16** (mixture of *E,Z* geometrical isomers).