

Synthesis of oligodiaminomannoses and analysis of their RNA duplex binding properties and their potential application as siRNA-based drugs

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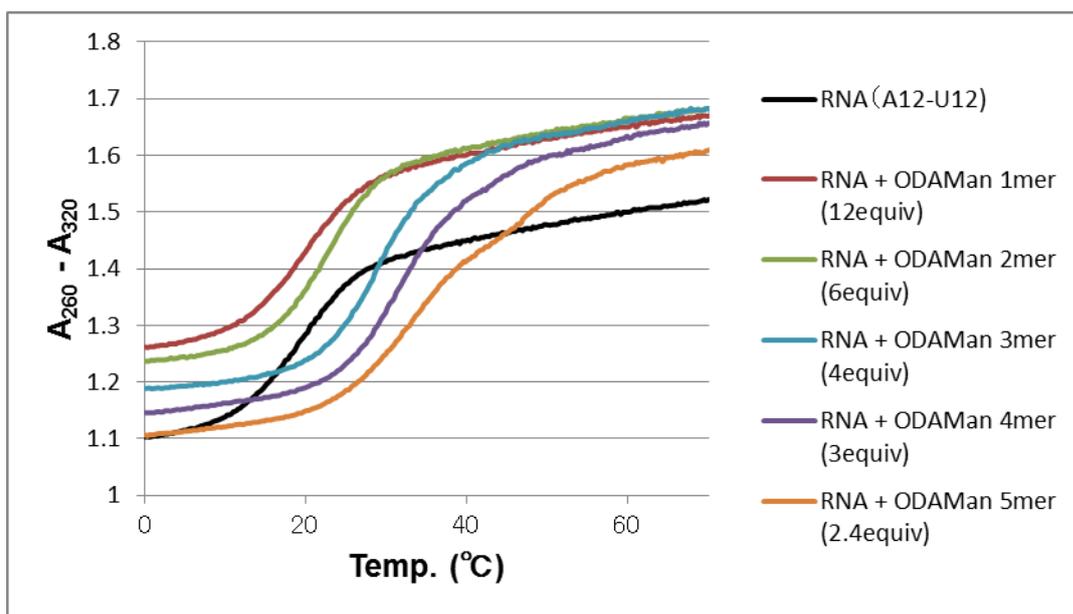


Figure S1. UV melting curve of rA12-rU12 (5 μ M) in the presence of ODAMans

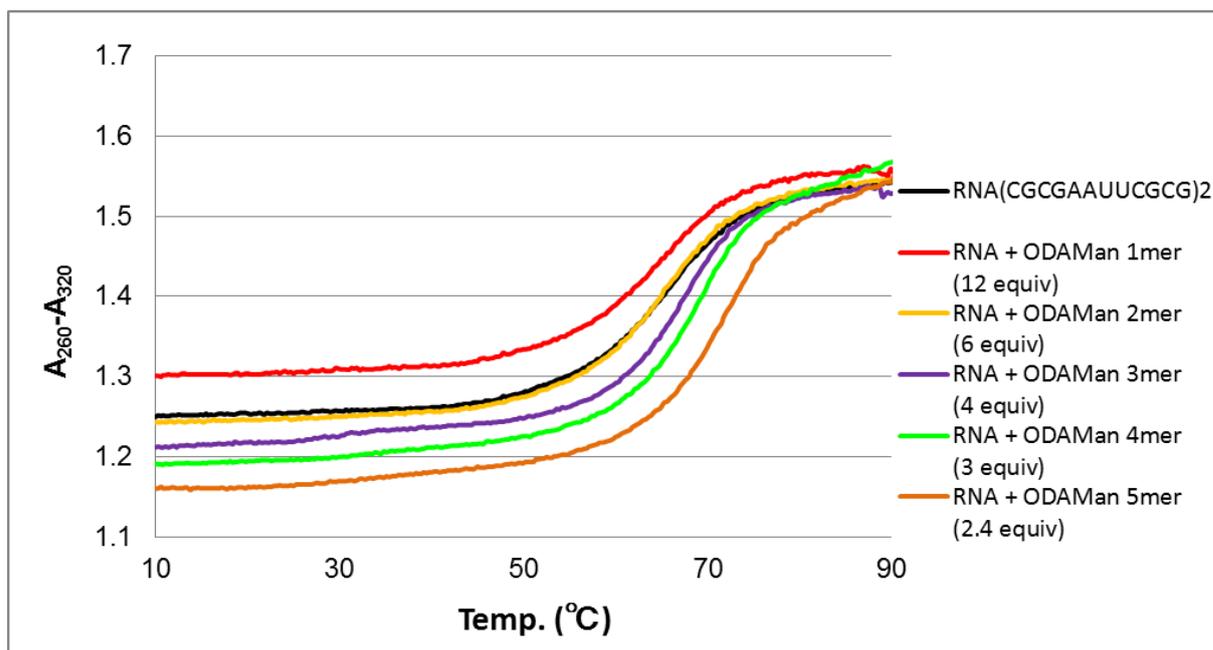


Figure S2. UV melting curve of r(CGCGAAUUCGCG)₂ (5 μ M) in the presence of ODAMans

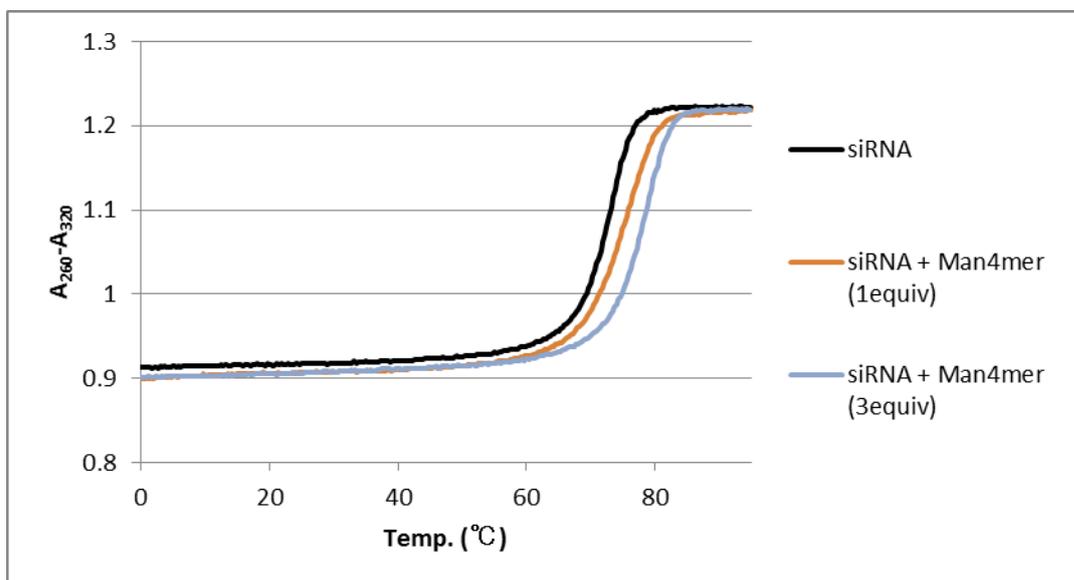


Figure S3. UV melting curve of siRNA (2.5 μM) in the presence of ODAMans

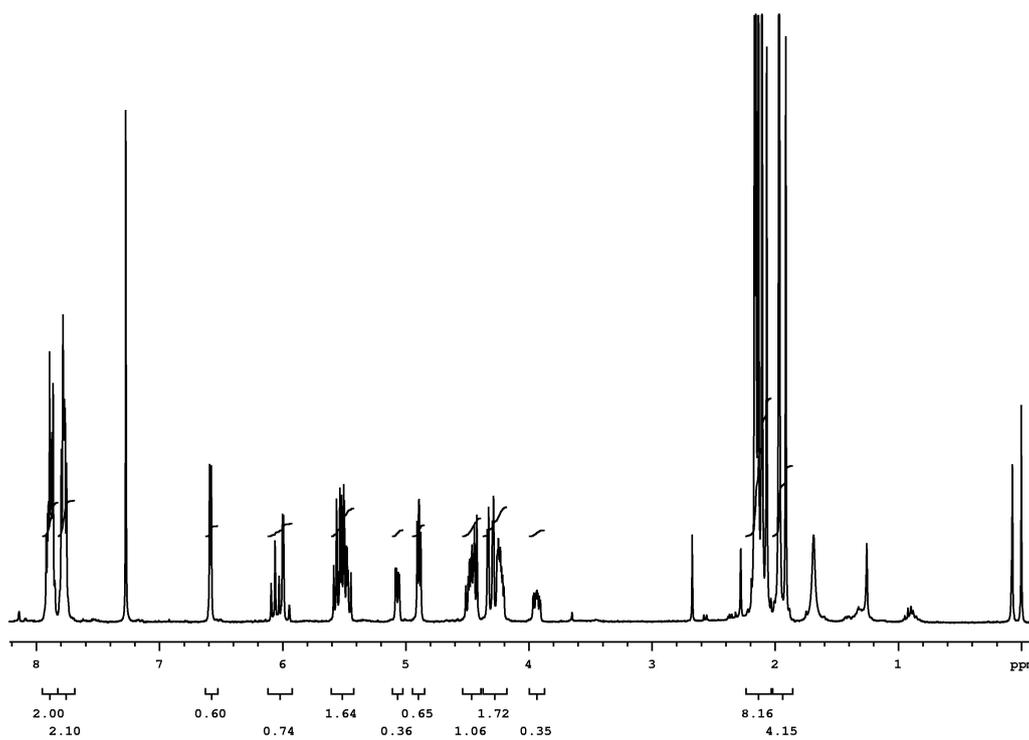


Figure S4. ^1H NMR spectrum of compound **2** in CDCl_3 (300 MHz).

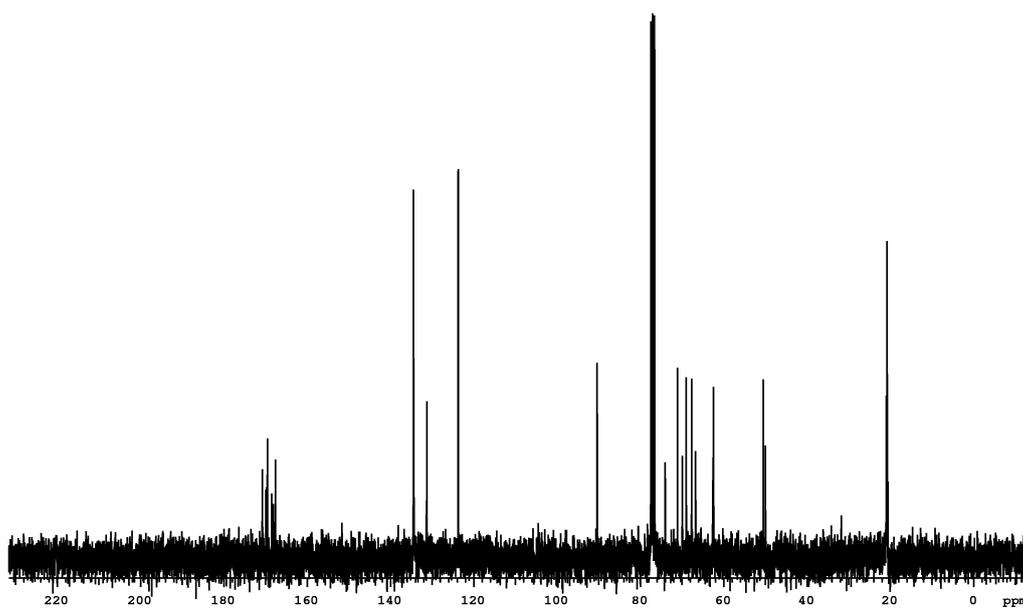


Figure S5. ^{13}C NMR spectrum of compound **2** in CDCl_3 (75.45 MHz).

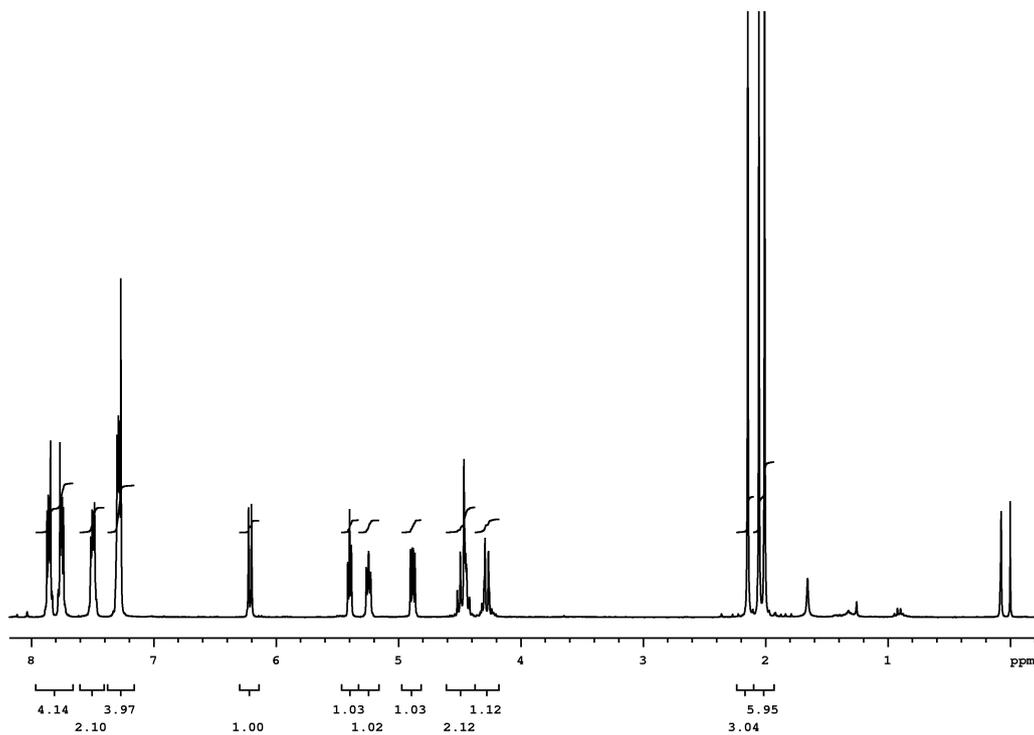


Figure S6. ¹H NMR spectrum of compound **3** in CDCl₃ (300 MHz).

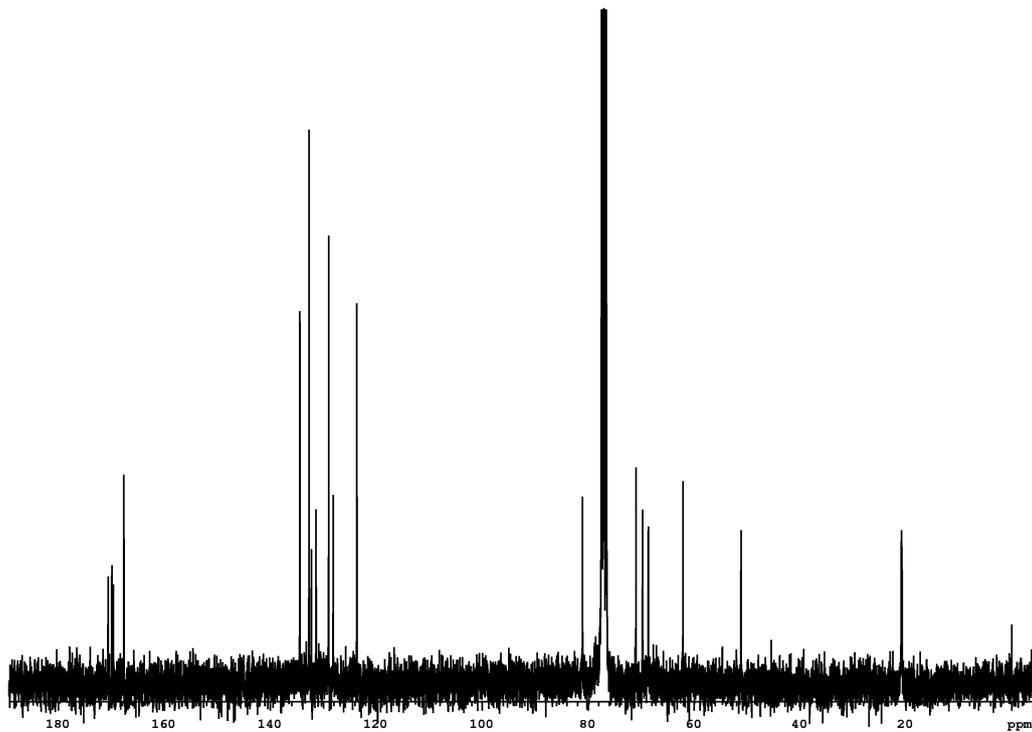


Figure S7. ¹³C NMR spectrum of compound **3** in CDCl₃ (75.45 MHz).

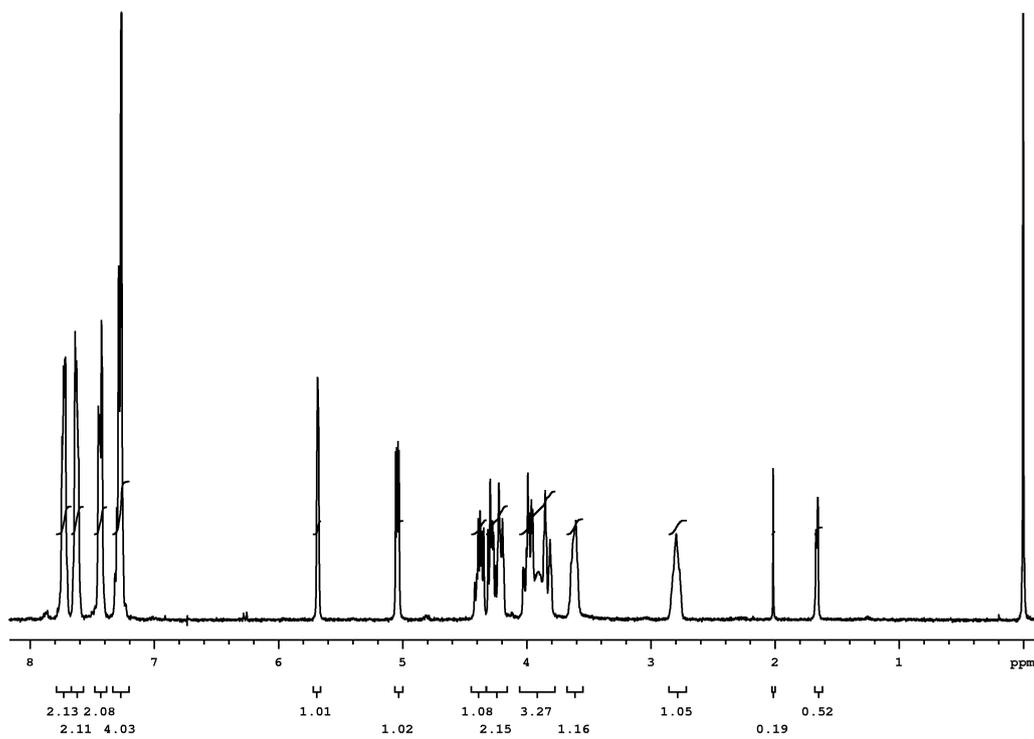


Figure S8. ^1H NMR spectrum of compound **4** in CDCl_3 (300 MHz).

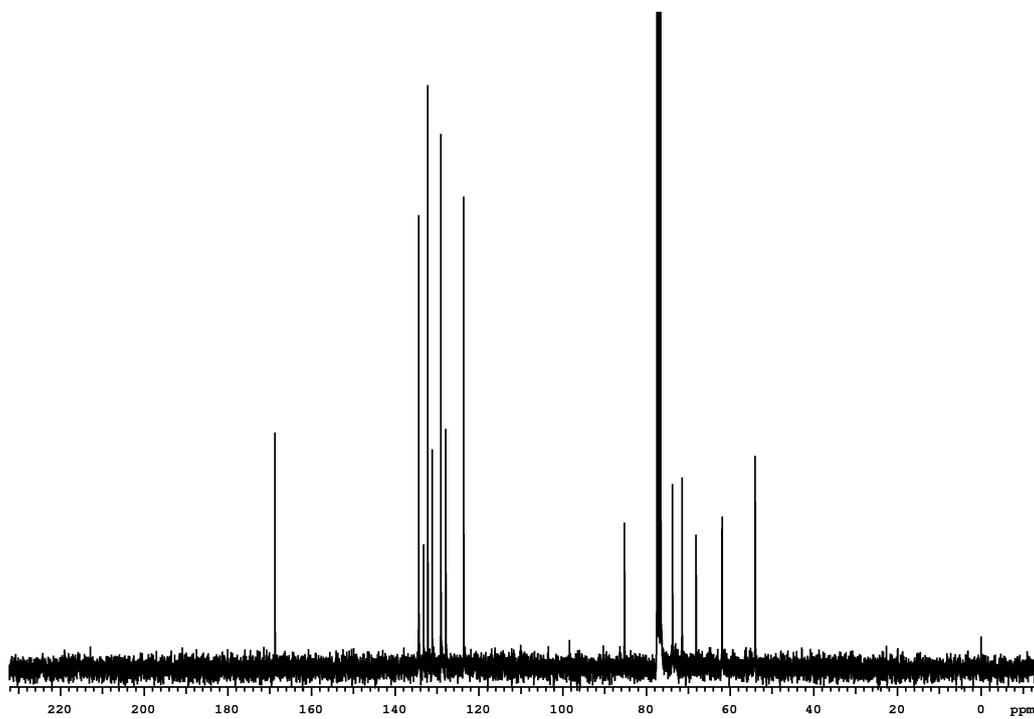


Figure S9. ^{13}C NMR spectrum of compound **4** in CDCl_3 (75.45 MHz).

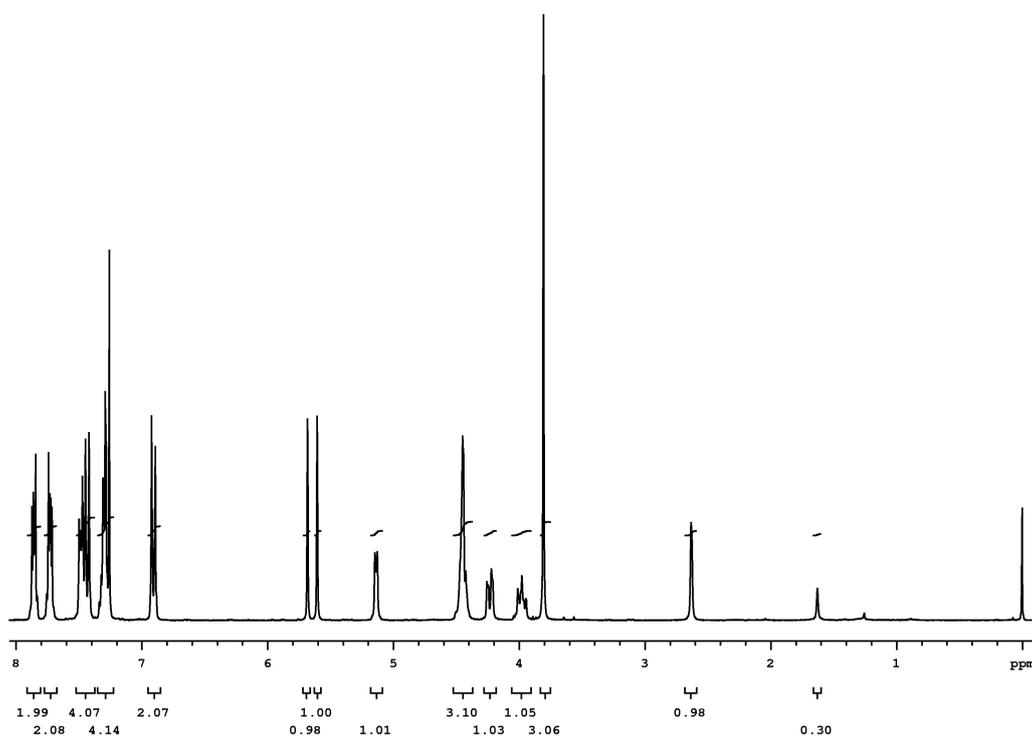


Figure S10. ^1H NMR spectrum of compound **5** in CDCl_3 (300 MHz).

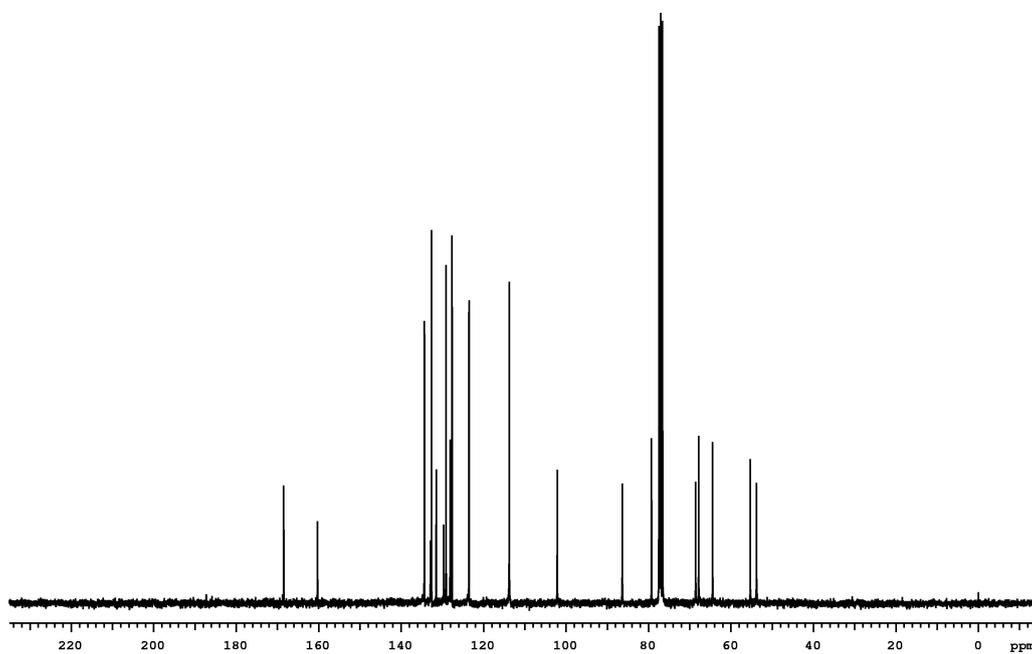


Figure S11. ^{13}C NMR spectrum of compound **5** in CDCl_3 (300 MHz).

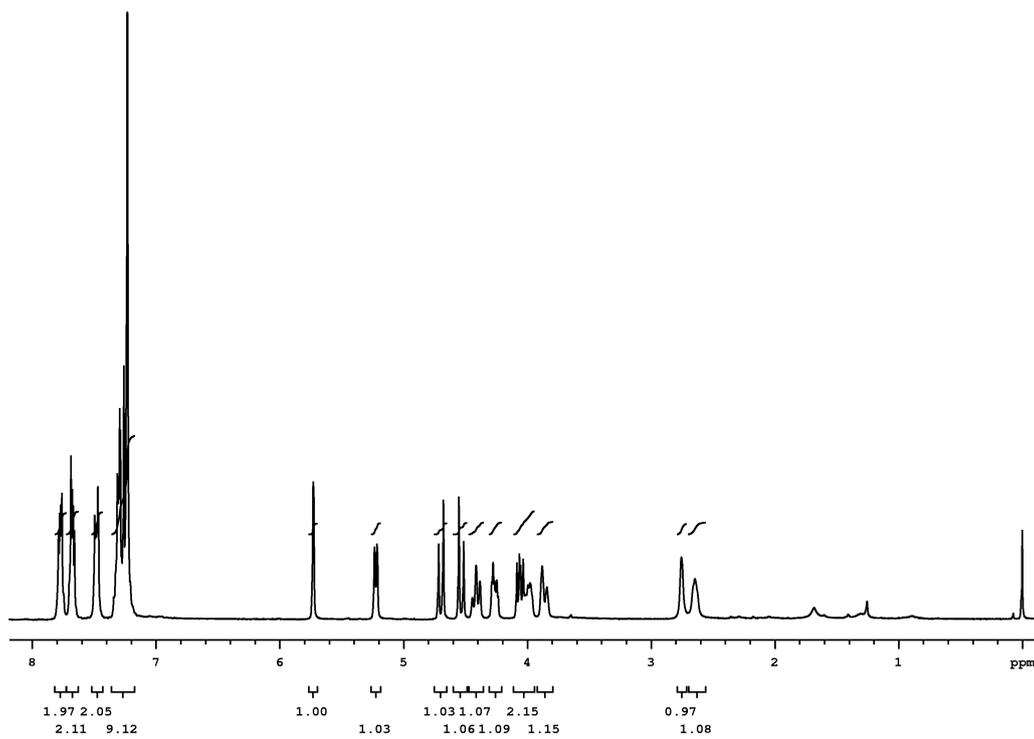


Figure S12. ^1H NMR spectrum of compound **6** in CDCl_3 (300 MHz).

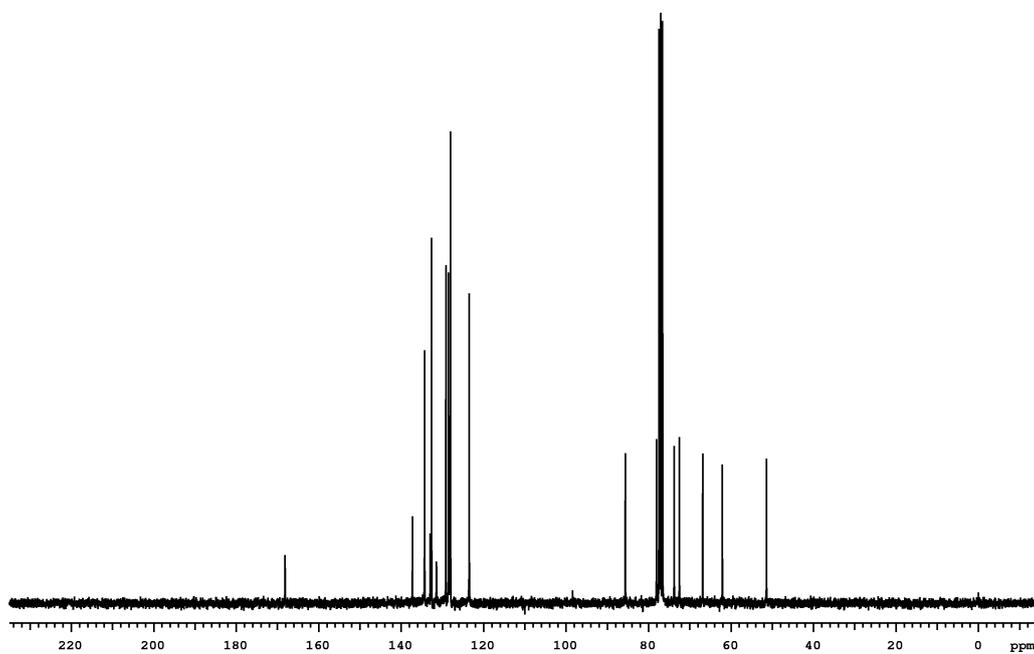


Figure S13. ^{13}C NMR spectrum of compound **6** in CDCl_3 (75.45 MHz).

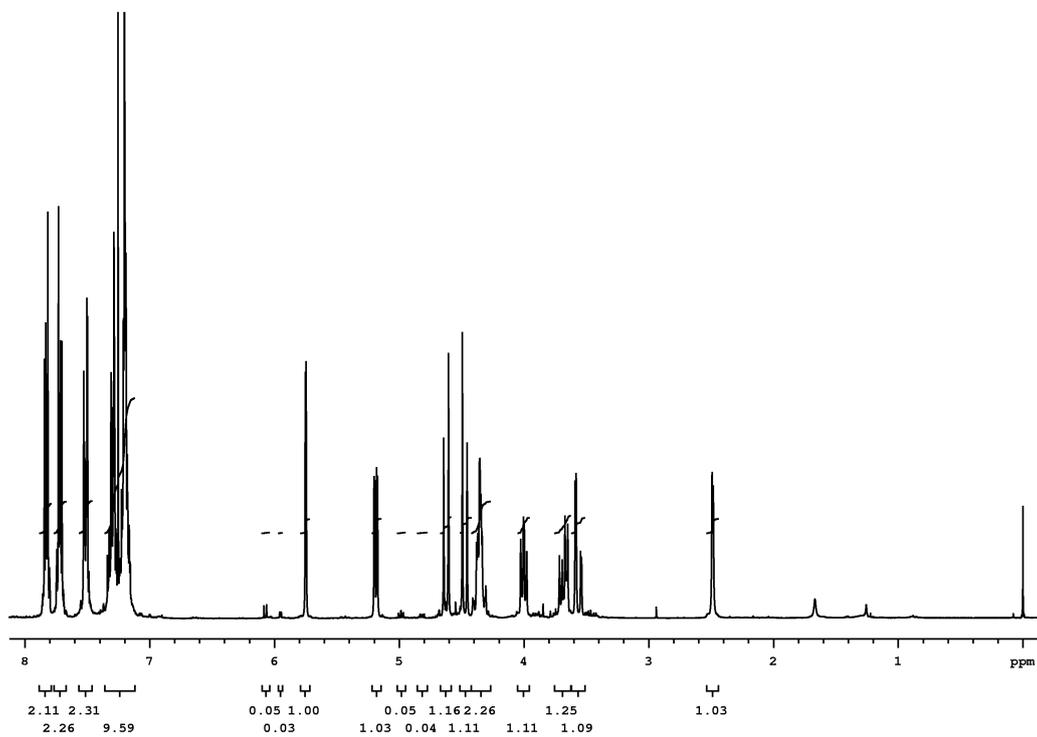


Figure S14. ^1H NMR spectrum of compound **7** in CDCl_3 (300 MHz).

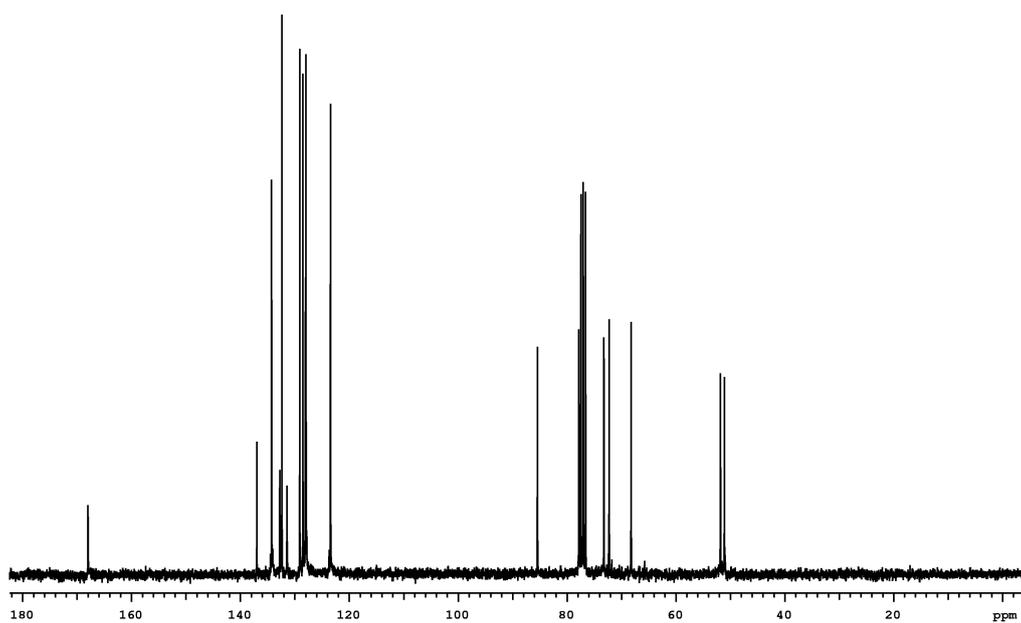


Figure S15. ^{13}C NMR spectrum of compound **7** in CDCl_3 (75.45 MHz).

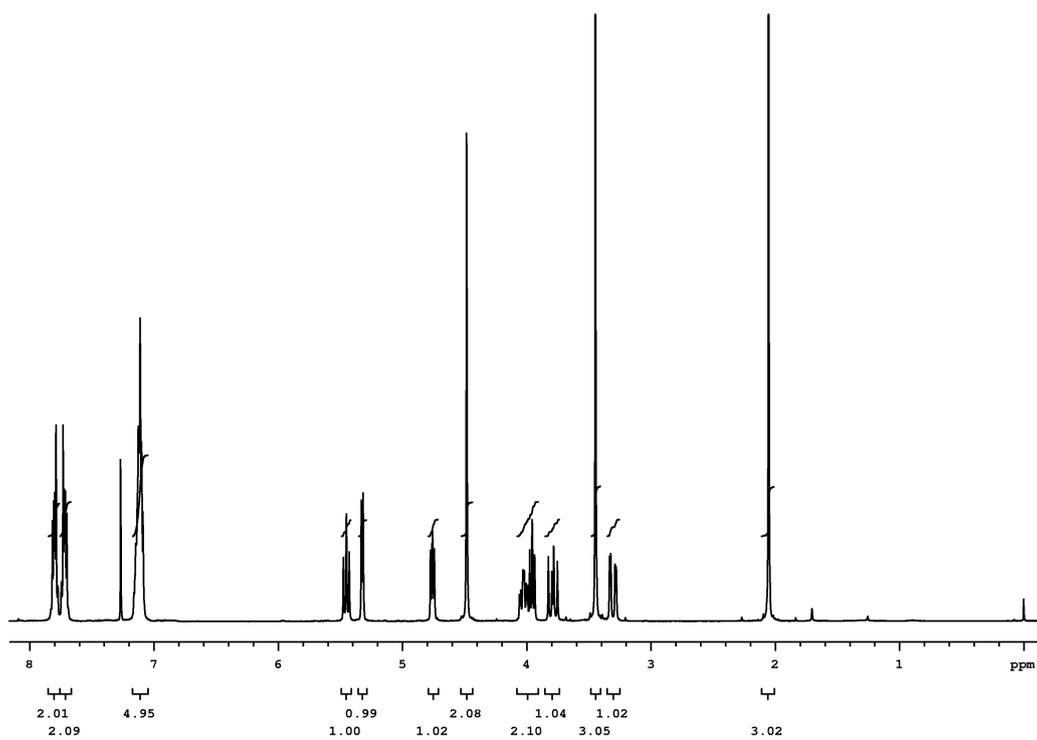


Figure S18. ^1H NMR spectrum of compound **9** in CDCl_3 (300 MHz).

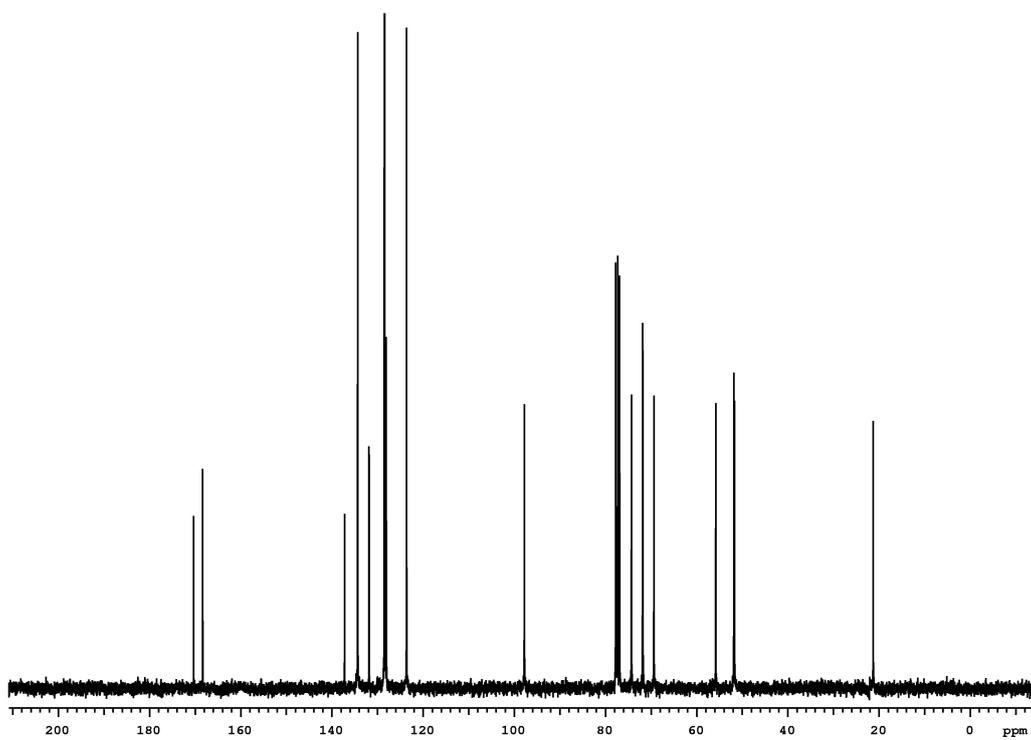


Figure S19. ^{13}C NMR spectrum of compound **9** in CDCl_3 (75.45 MHz).

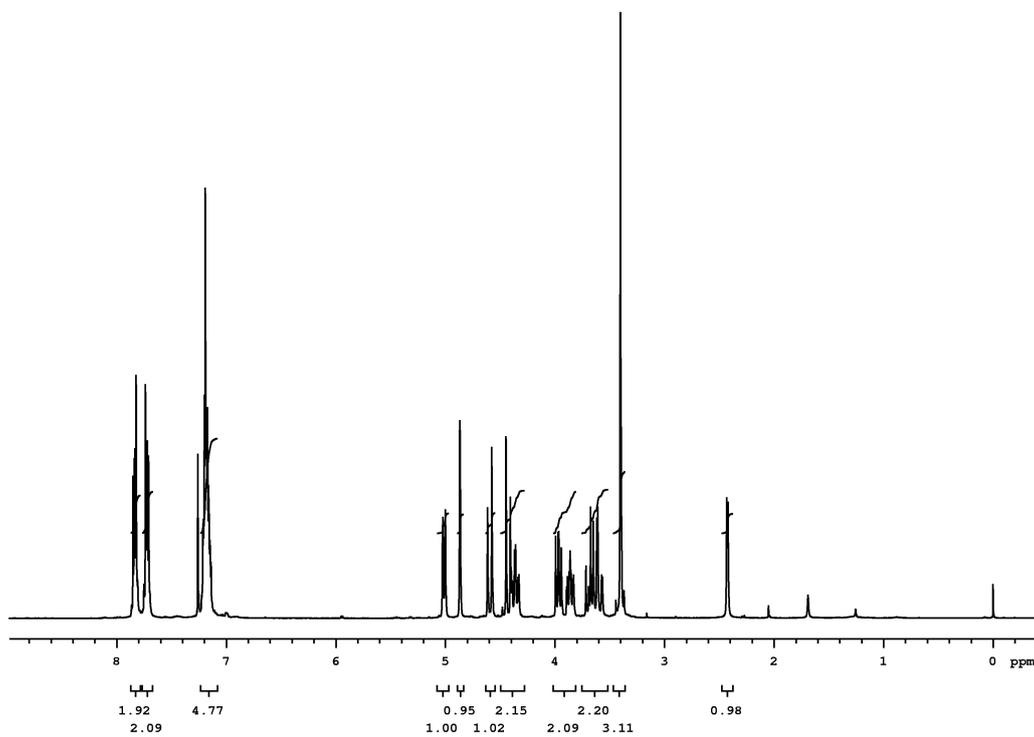


Figure S20. ^1H NMR spectrum of compound **10** in CDCl_3 (300 MHz).

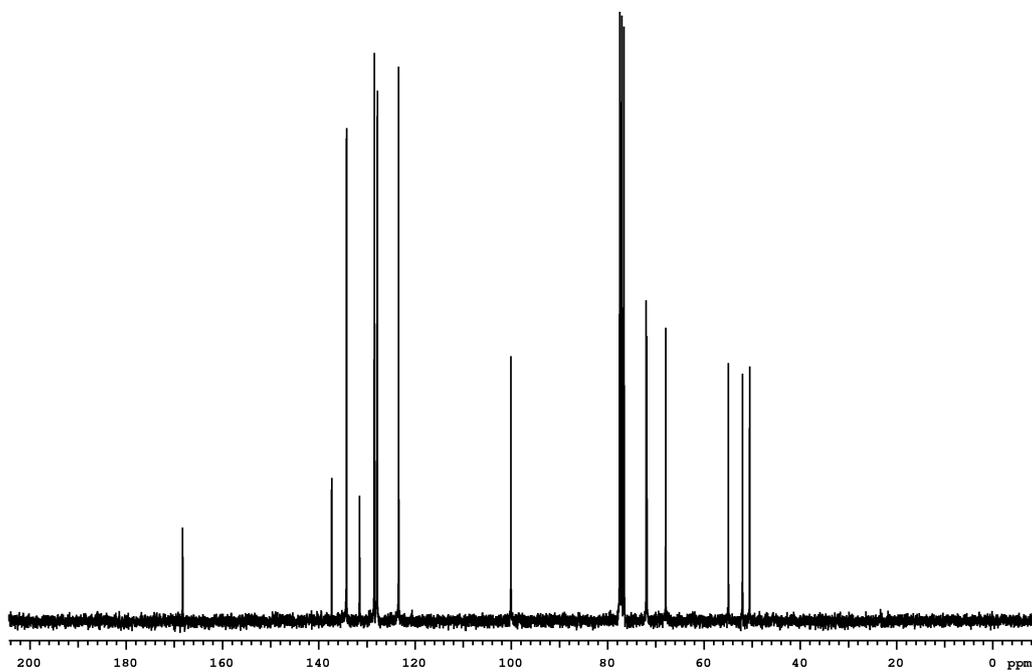


Figure S21. ^{13}C NMR spectrum of compound **10** in CDCl_3 (75.45 MHz).

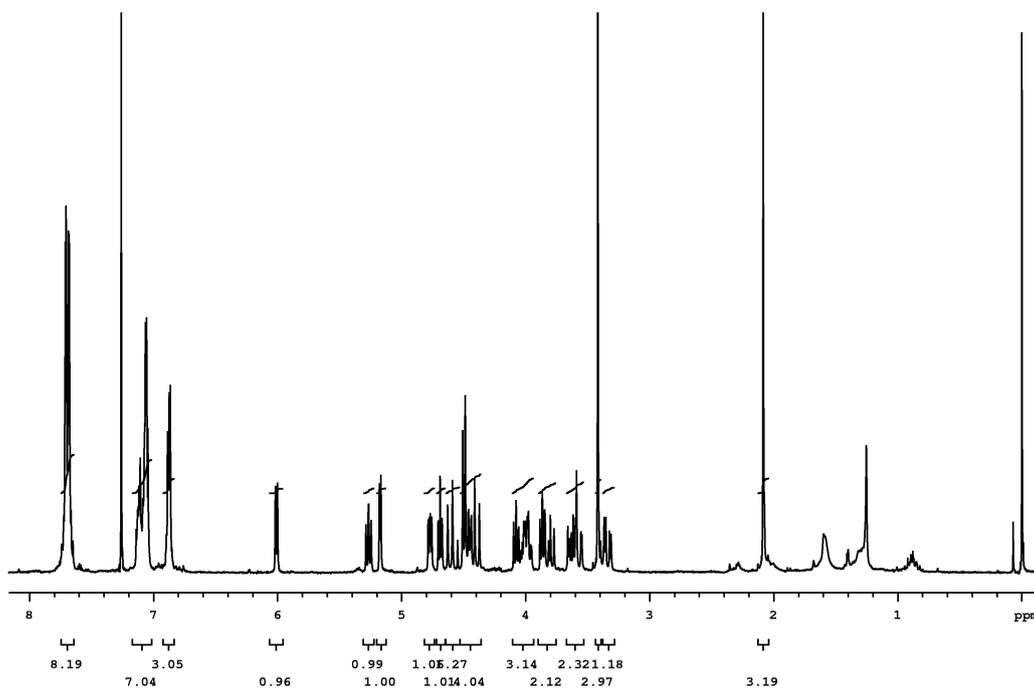


Figure S22. ^1H NMR spectrum of compound **11** in CDCl_3 (300 MHz).

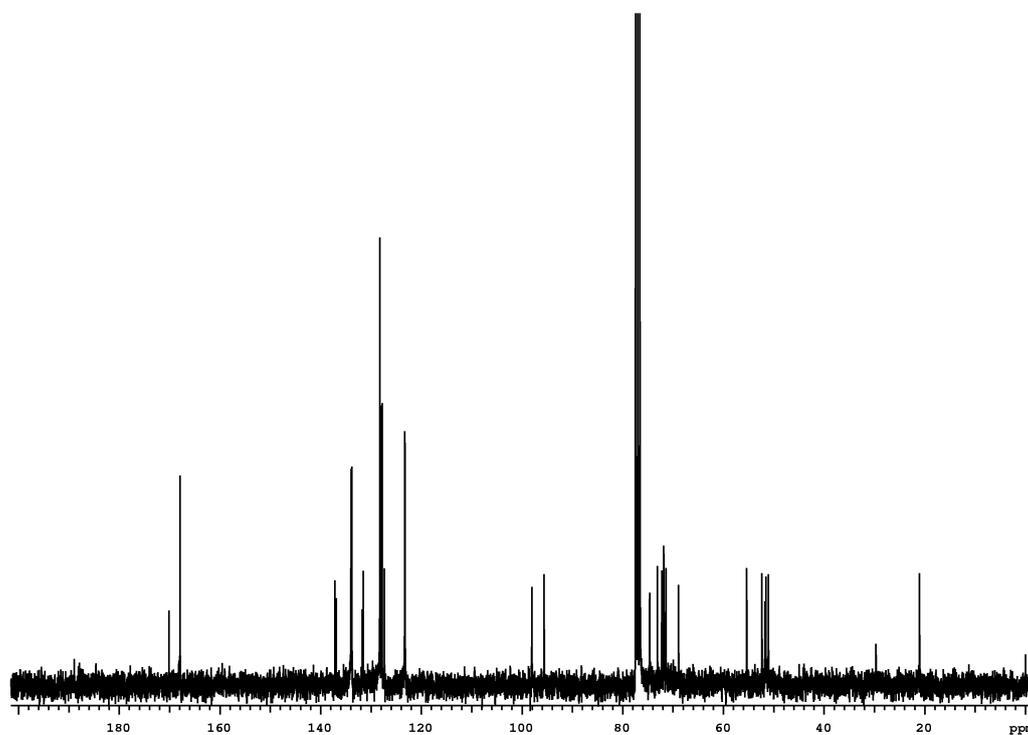


Figure S23. ^{13}C NMR spectrum of compound **11** in CDCl_3 (75.45 MHz).

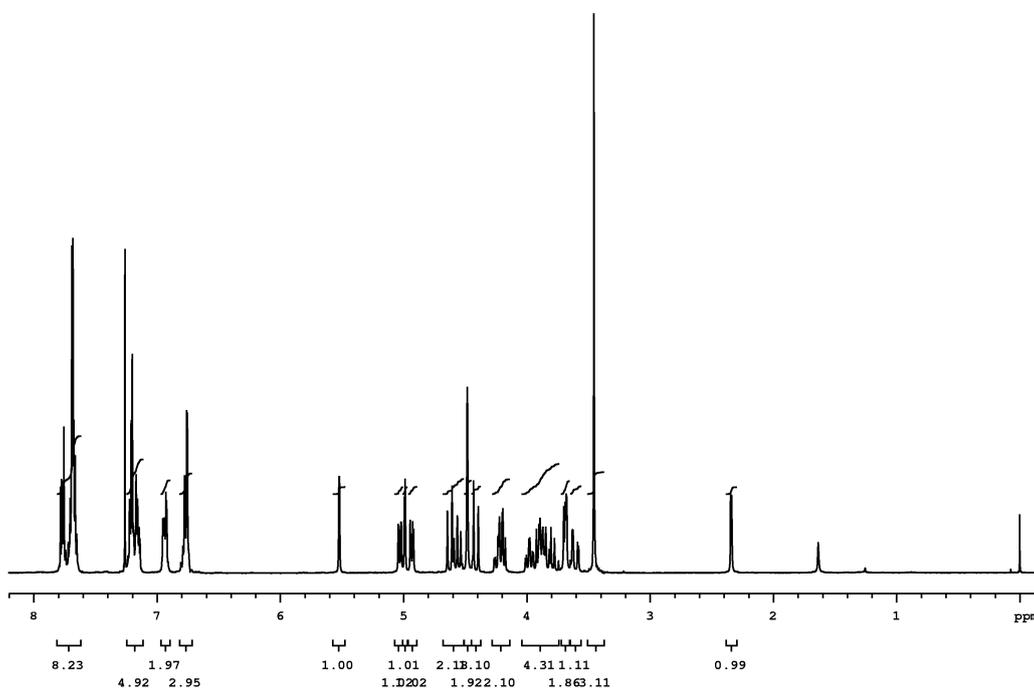


Figure S24. ^1H NMR spectrum of compound **12** in CDCl_3 (300 MHz).

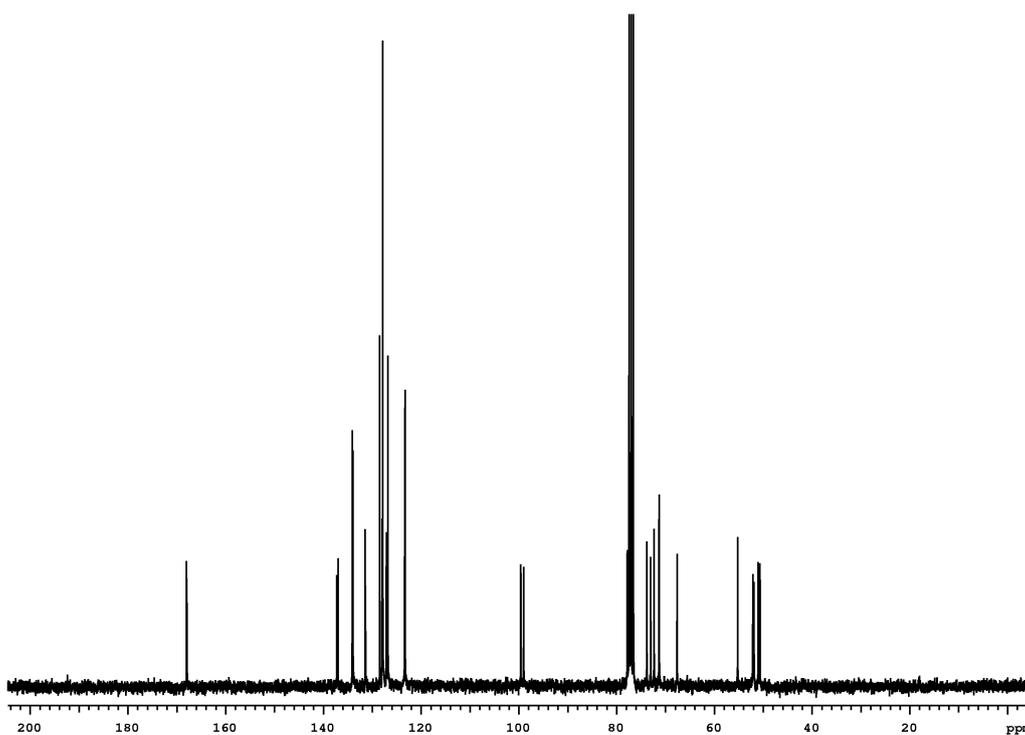


Figure S25. ^{13}C NMR spectrum of compound **12** in CDCl_3 (75.45 MHz).

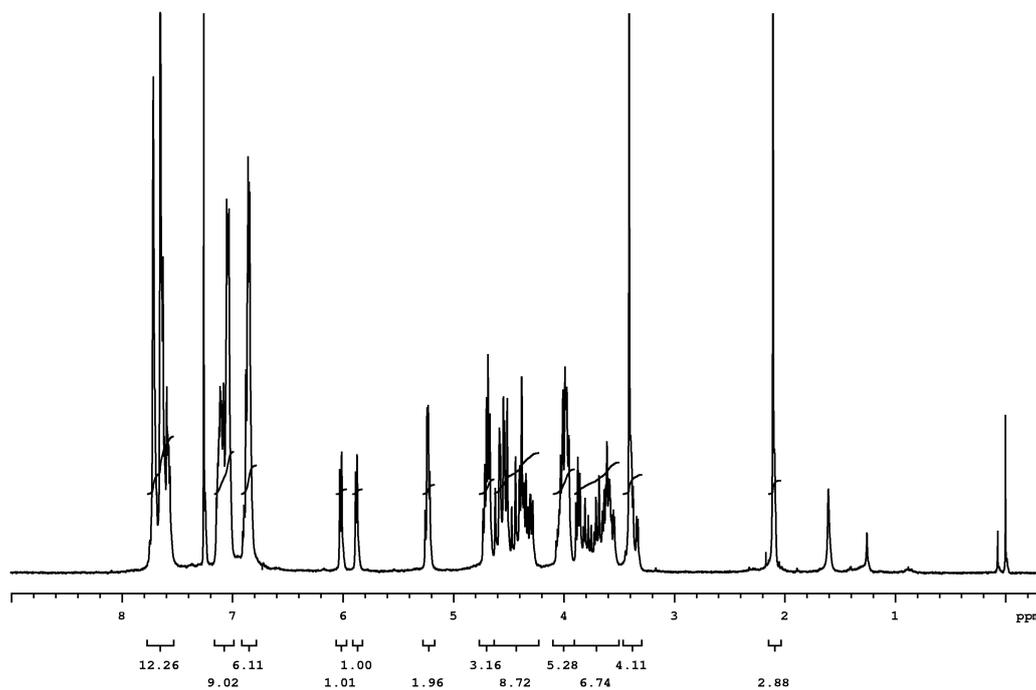


Figure S26. ^1H NMR spectrum of compound **13** in CDCl_3 (300 MHz).

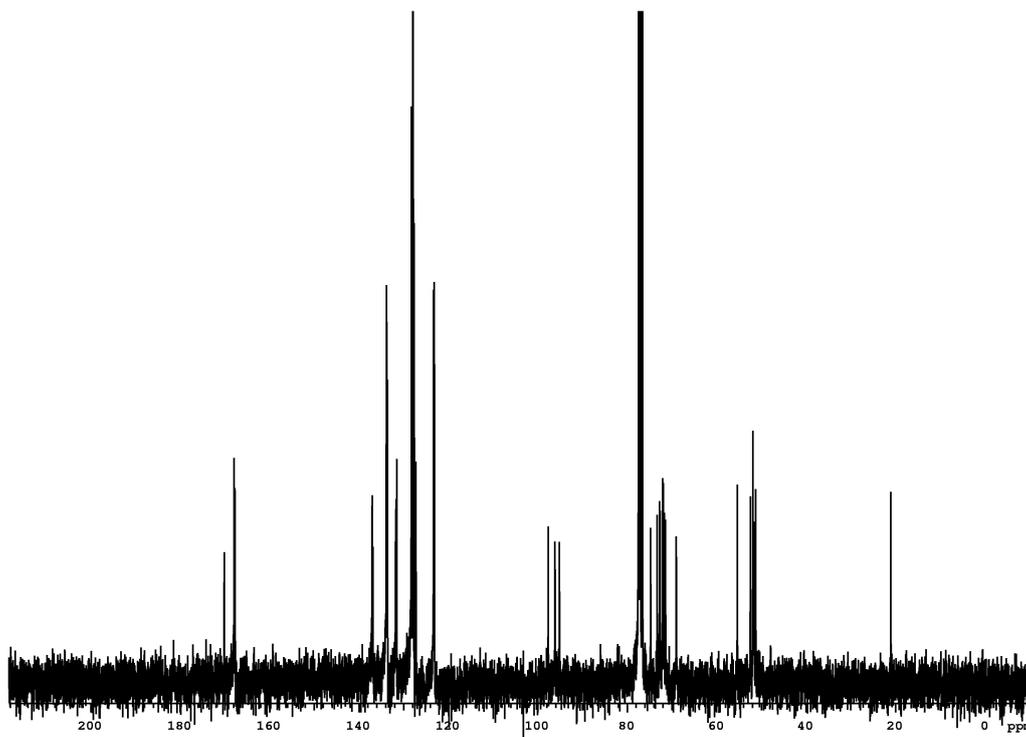


Figure S27. ^{13}C NMR spectrum of compound **13** in CDCl_3 (75.45 MHz).

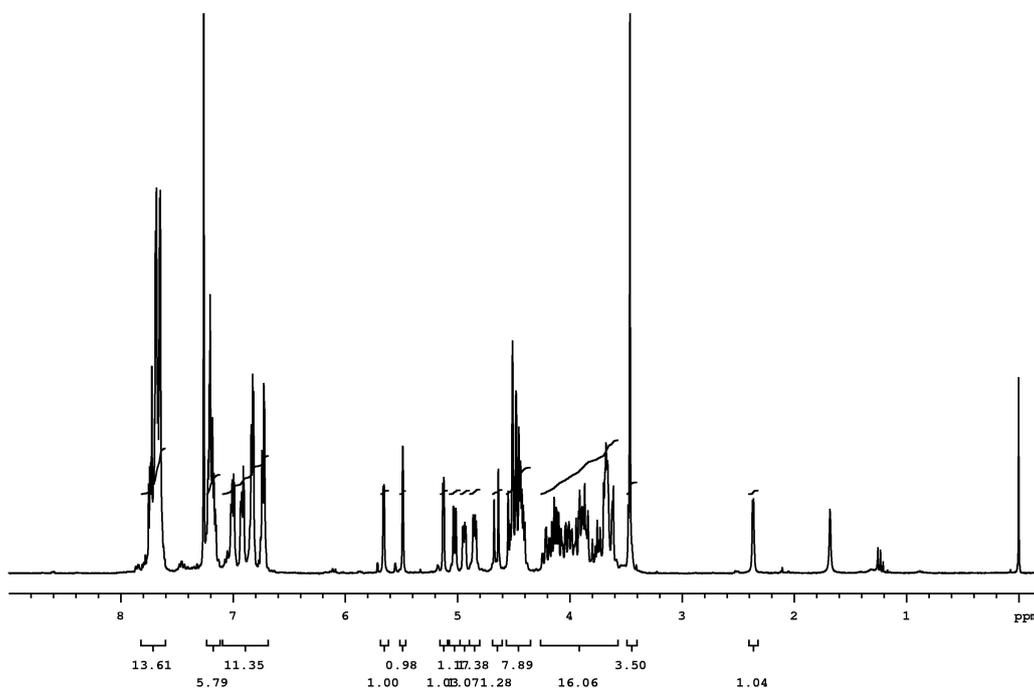


Figure S28. ¹H NMR spectrum of compound **14** in CDCl₃ (300 MHz).

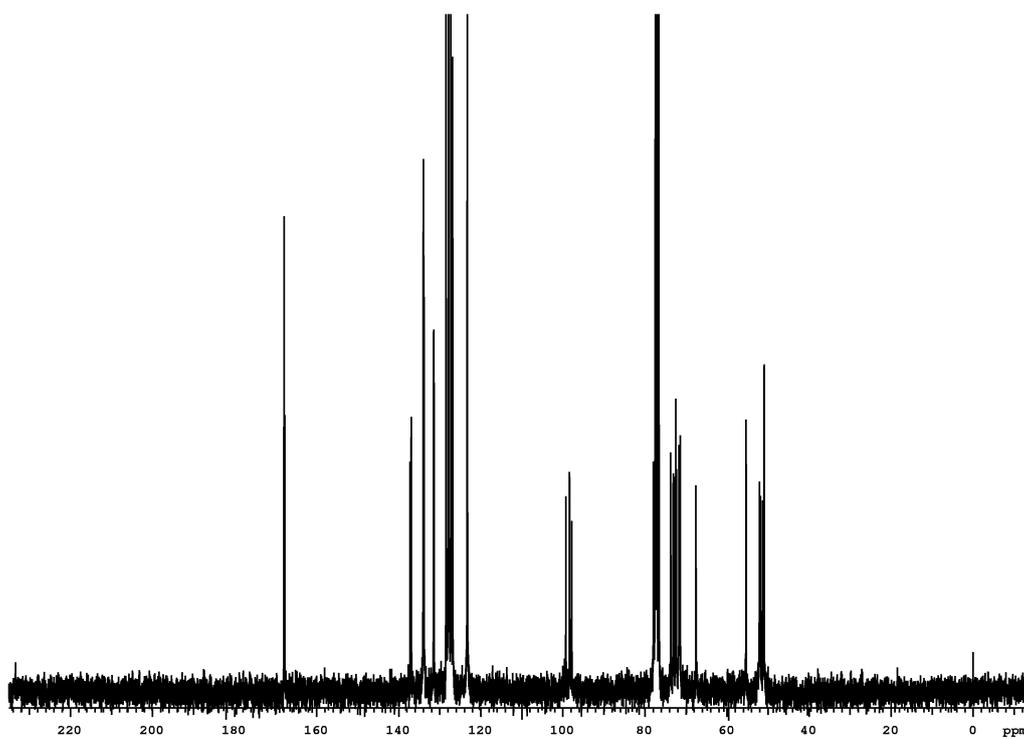


Figure S29. ¹³C NMR spectrum of compound **14** in CDCl₃ (75.45 MHz).

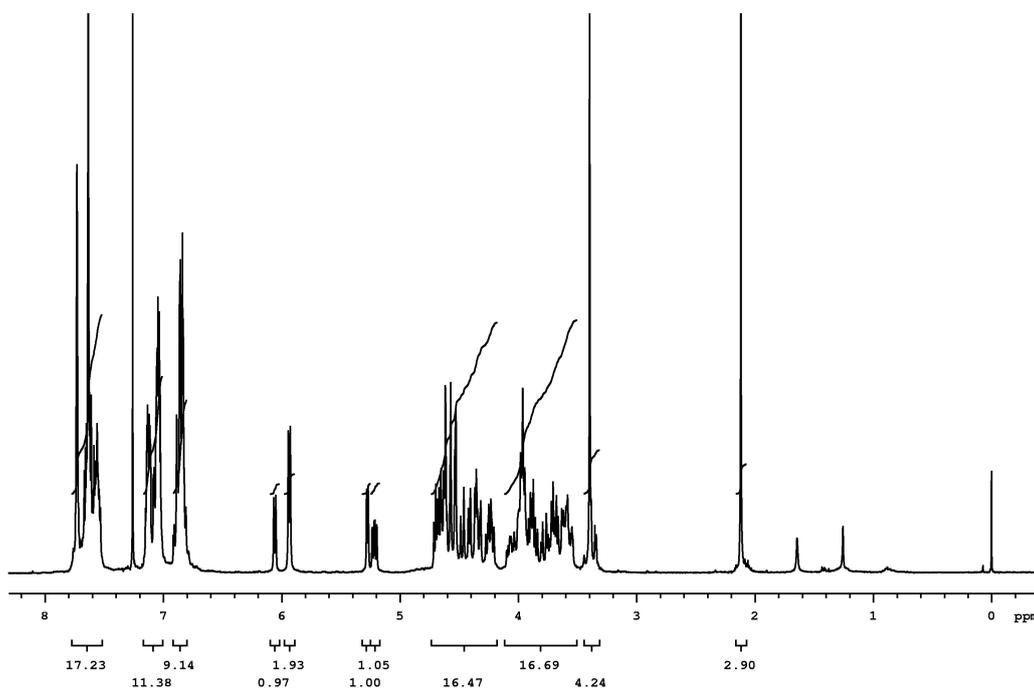


Figure S30. ^1H NMR spectrum of compound **15** in CDCl_3 (300 MHz).

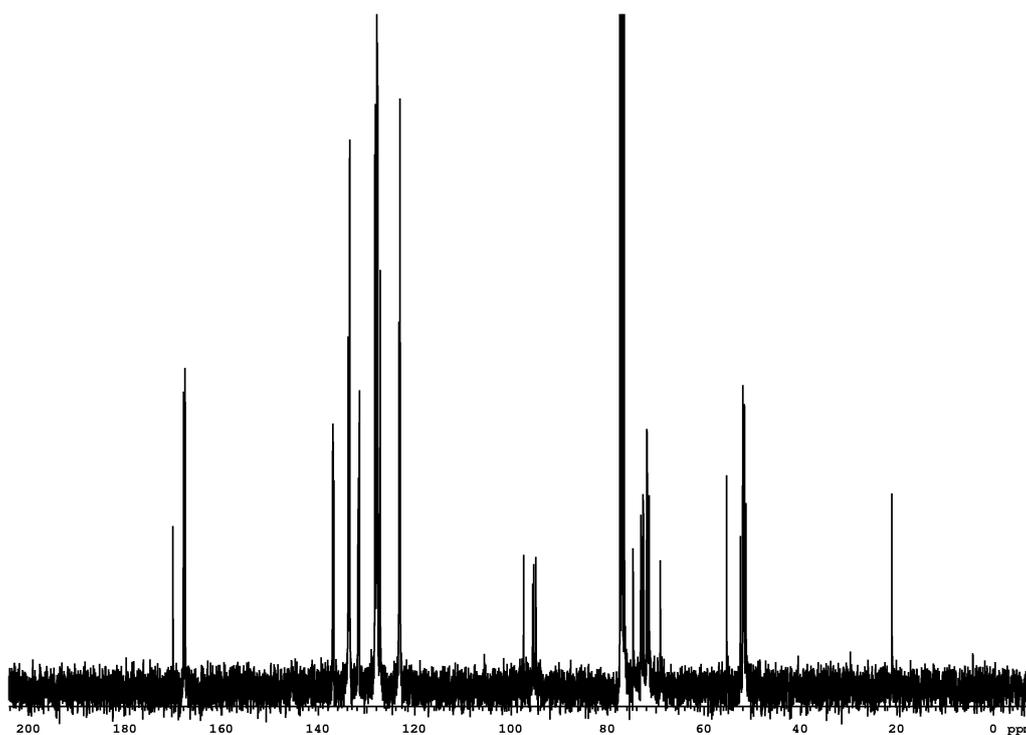


Figure S31. ^{13}C NMR spectrum of compound **15** in CDCl_3 (75.45 MHz).

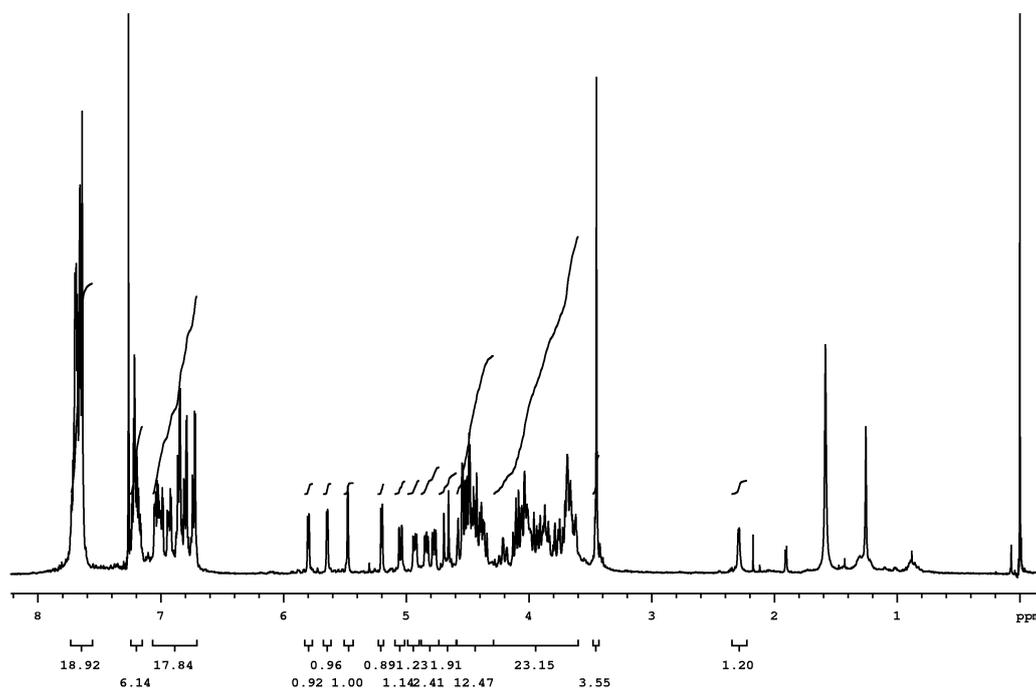


Figure S32. ¹H NMR spectrum of compound **16** in CDCl₃ (300 MHz).

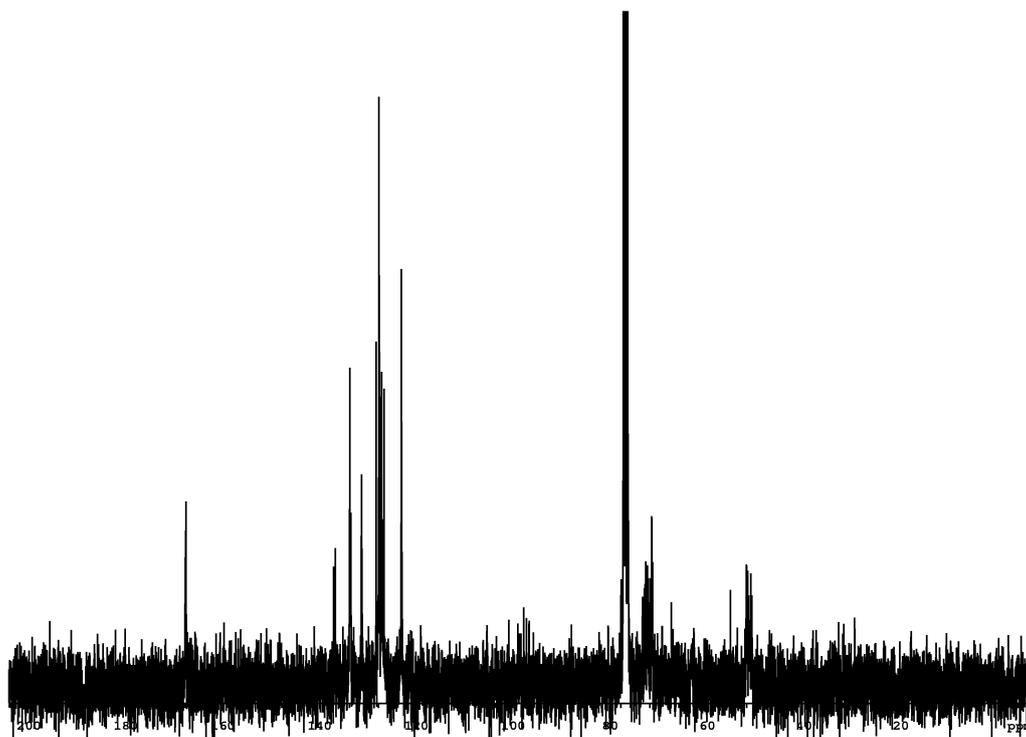


Figure S33. ¹³C NMR spectrum of compound **16** in CDCl₃ (75.45 MHz).

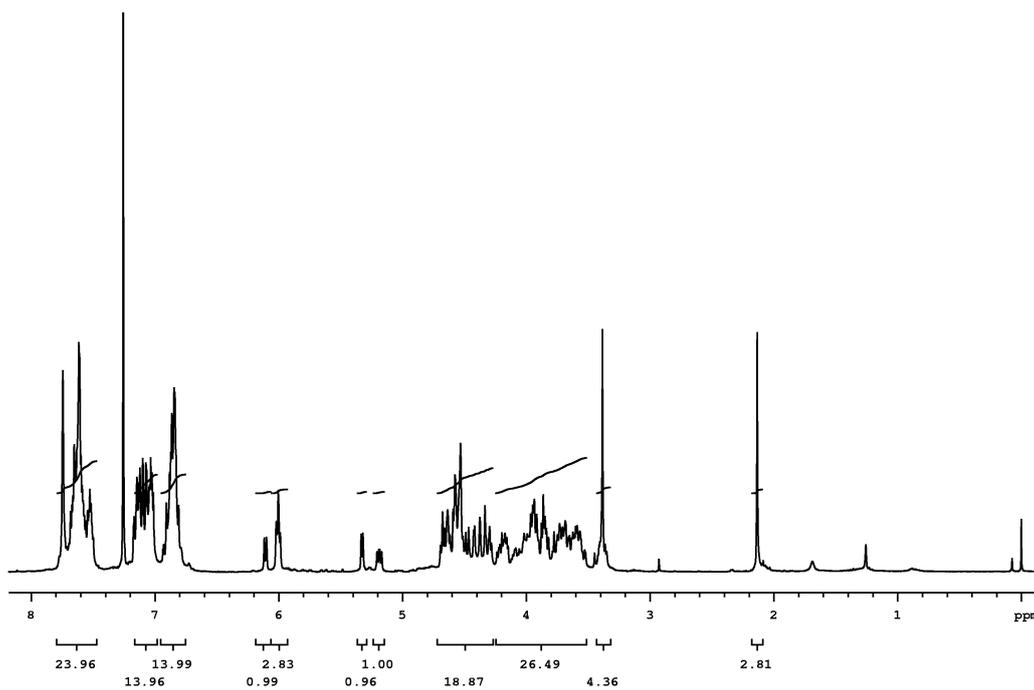


Figure S34. ^1H NMR spectrum of compound **17** in CDCl_3 (300 MHz).

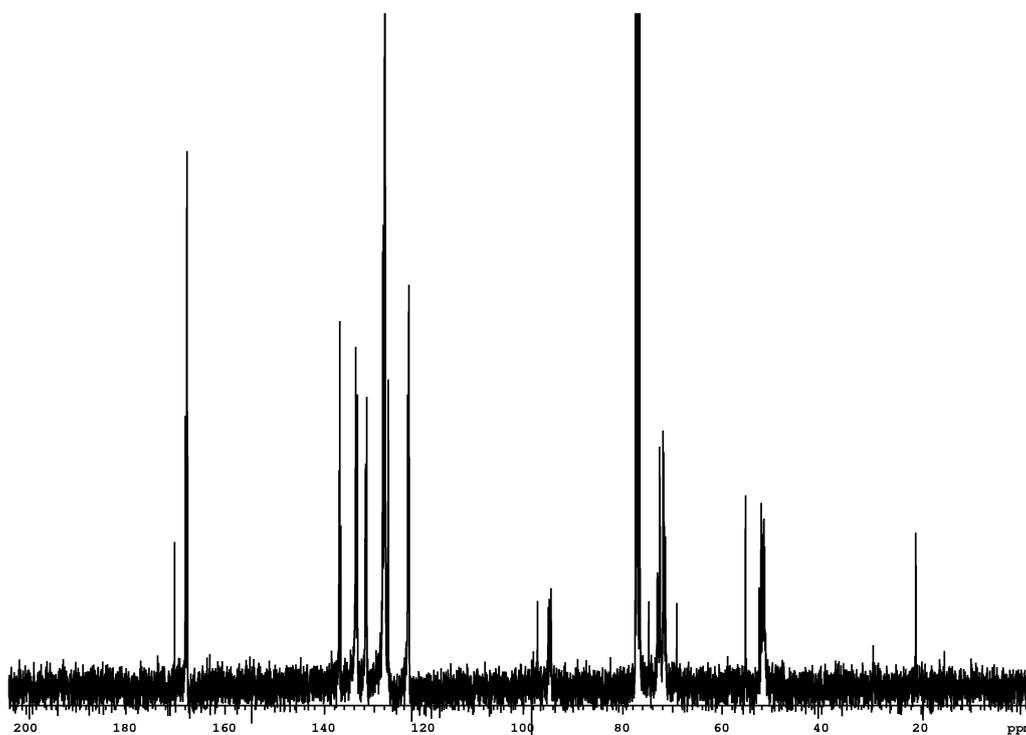


Figure S35. ^{13}C NMR spectrum of compound **17** in CDCl_3 (75.45 MHz).

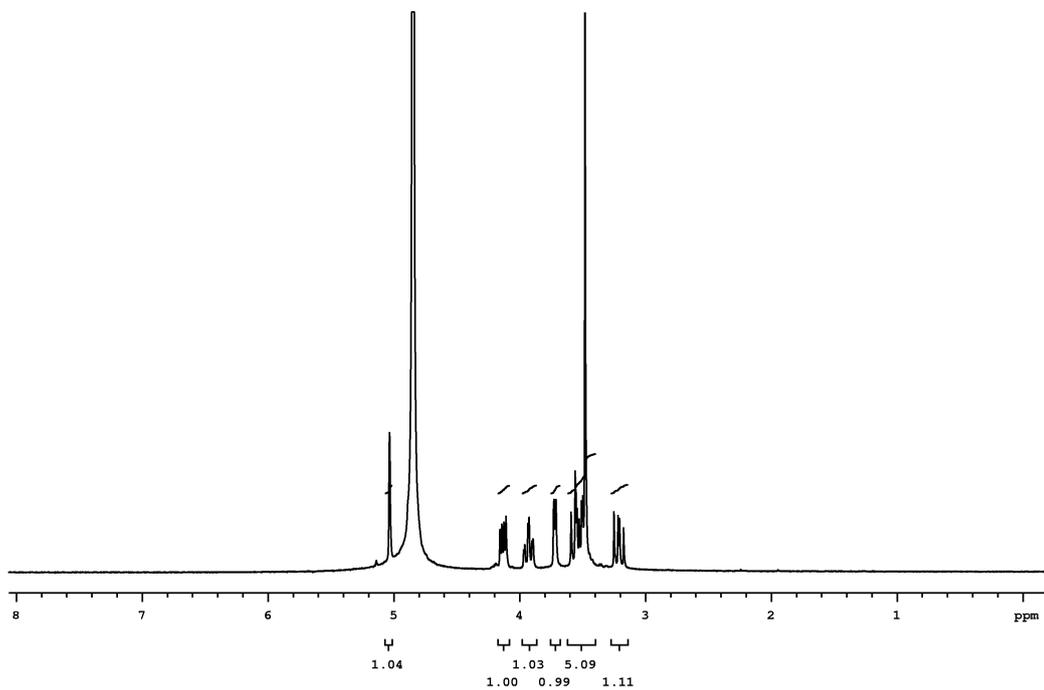


Figure S36. ^1H NMR spectrum of compound **23** in D_2O (300 MHz).

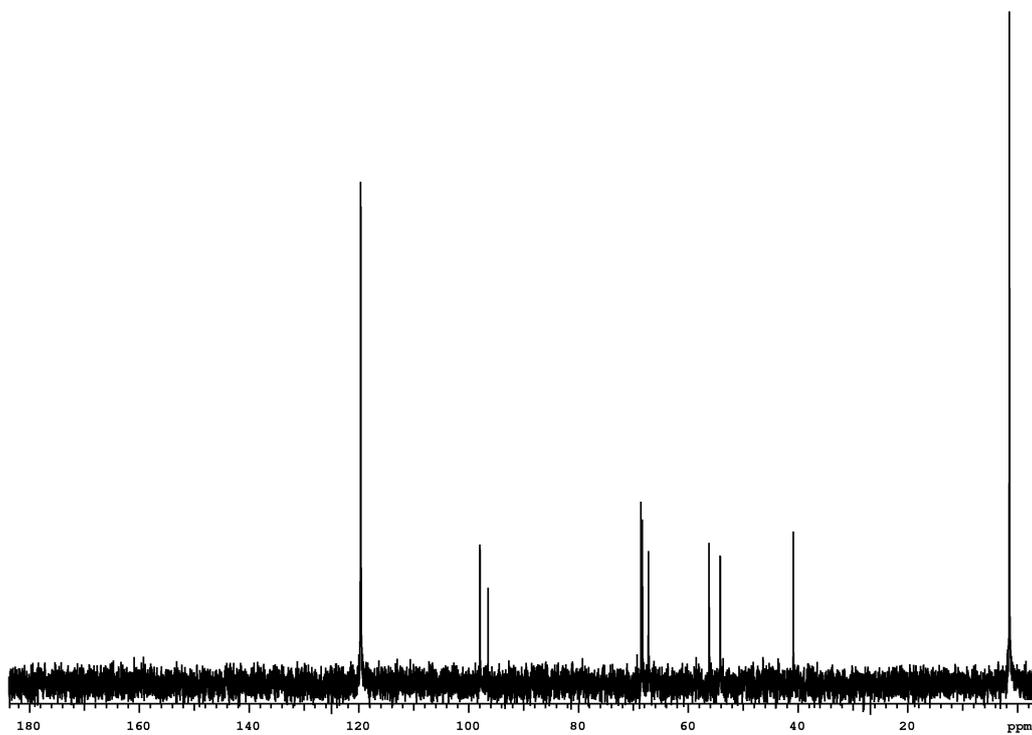


Figure S37. ^{13}C NMR spectrum of compound **23** in D_2O (75.45 MHz).

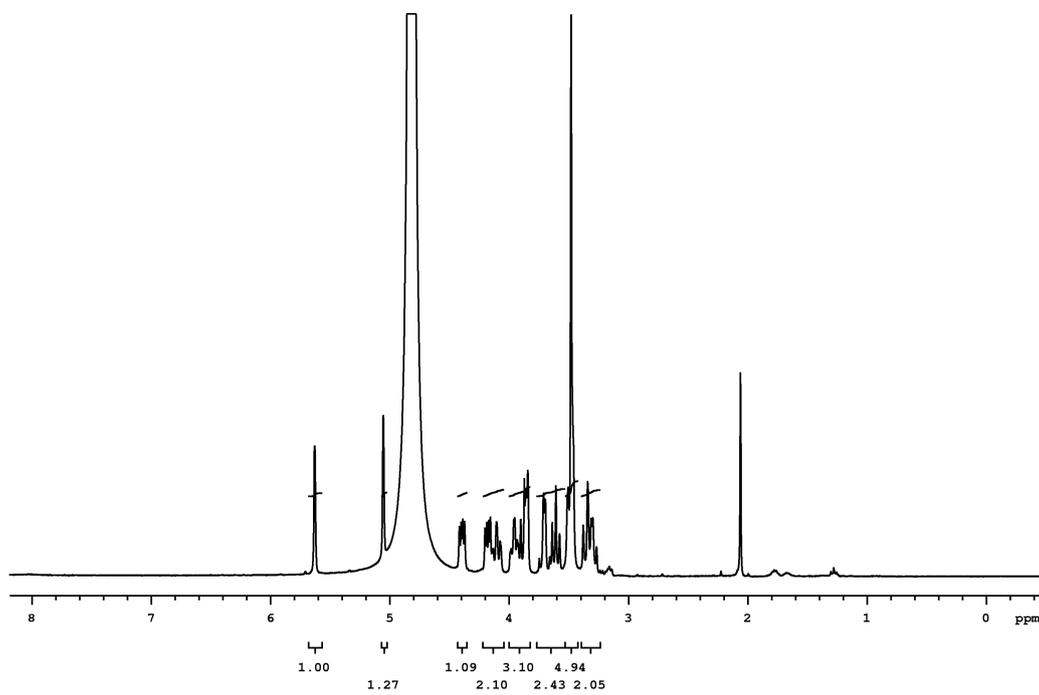


Figure S38. ^1H NMR spectrum of compound **24** in D_2O (300 MHz).

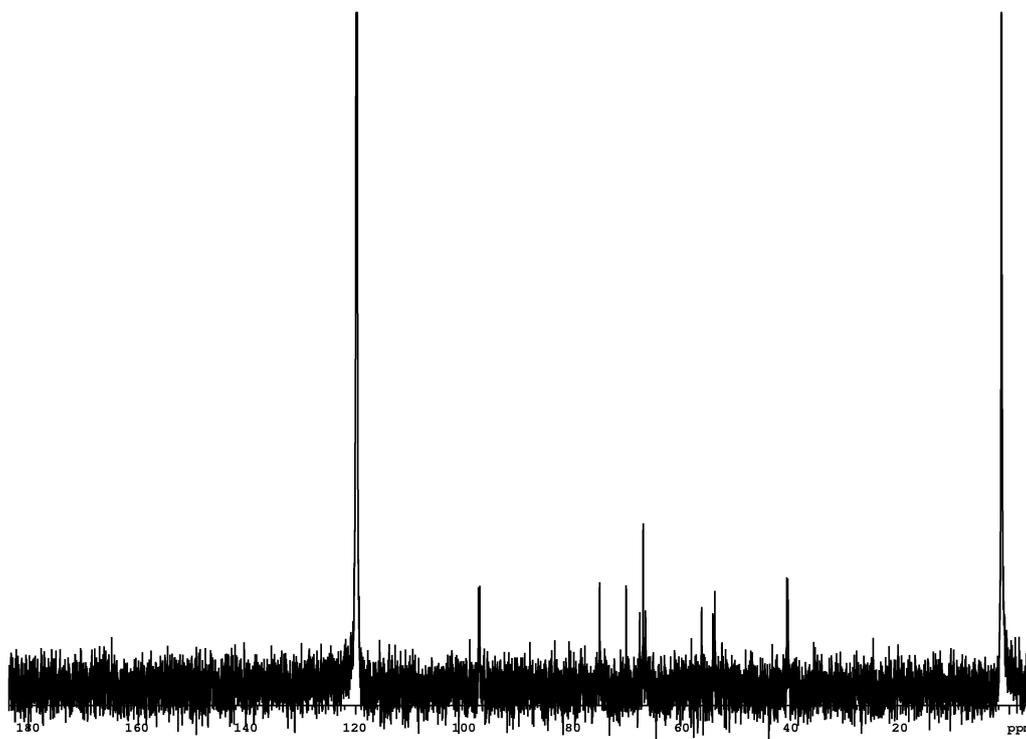


Figure S39. ^{13}C NMR spectrum of compound **24** in D_2O (75.45 MHz).

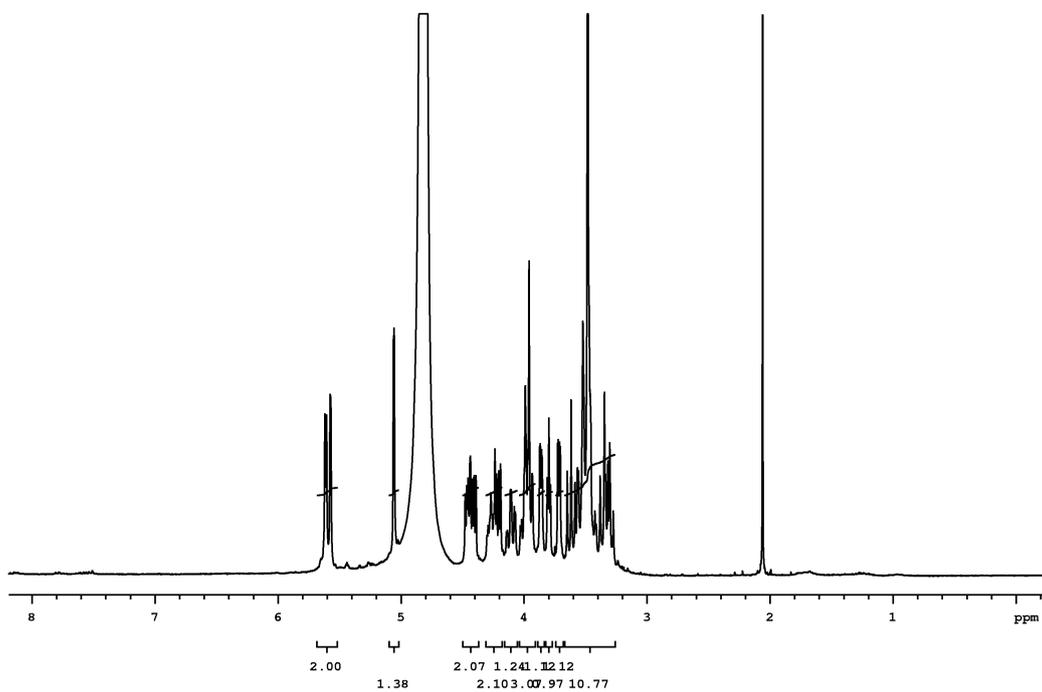


Figure S40. ^1H NMR spectrum of compound **25** in D_2O (300 MHz).

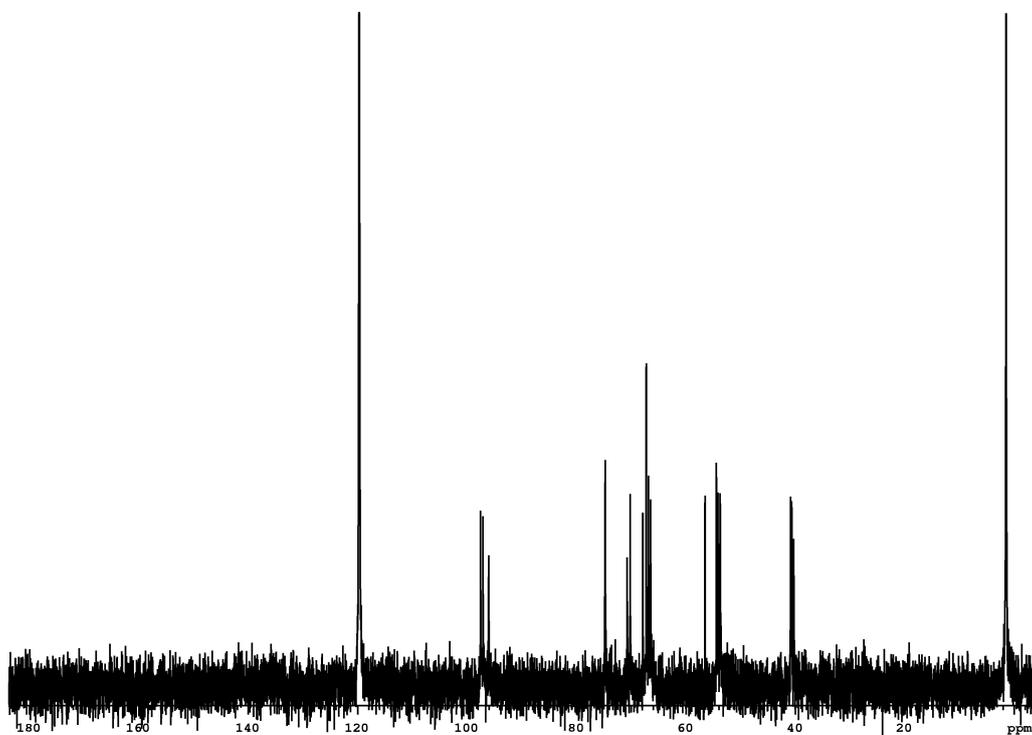


Figure S41. ^{13}C NMR spectrum of compound **25** in D_2O (75.45 MHz).

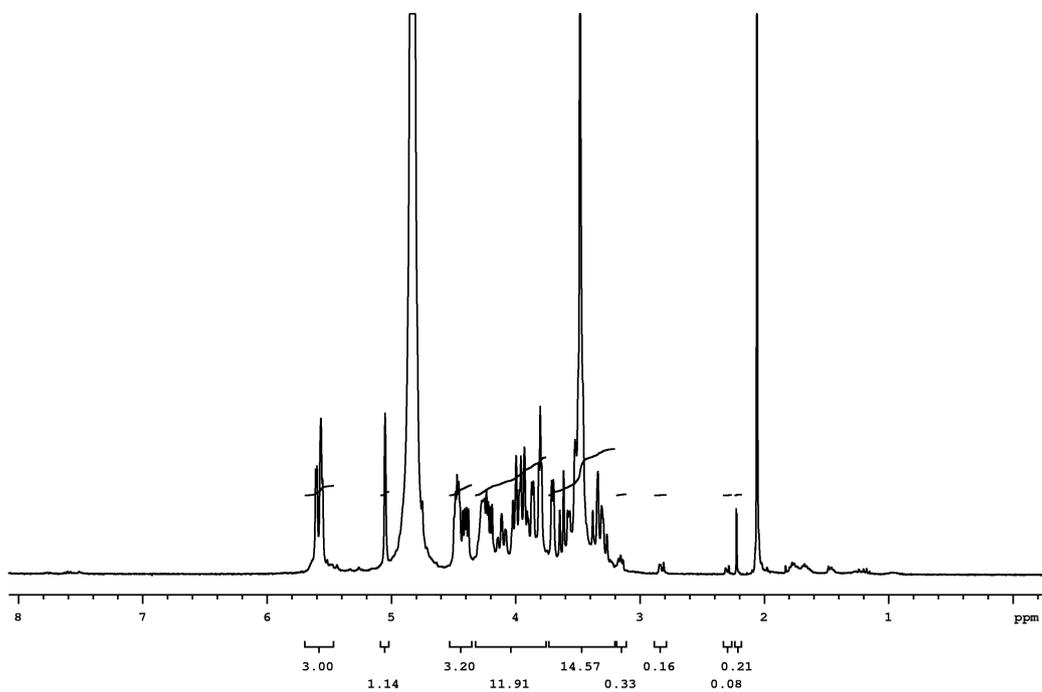


Figure S42. ^1H NMR spectrum of compound **26** in D_2O (300 MHz).

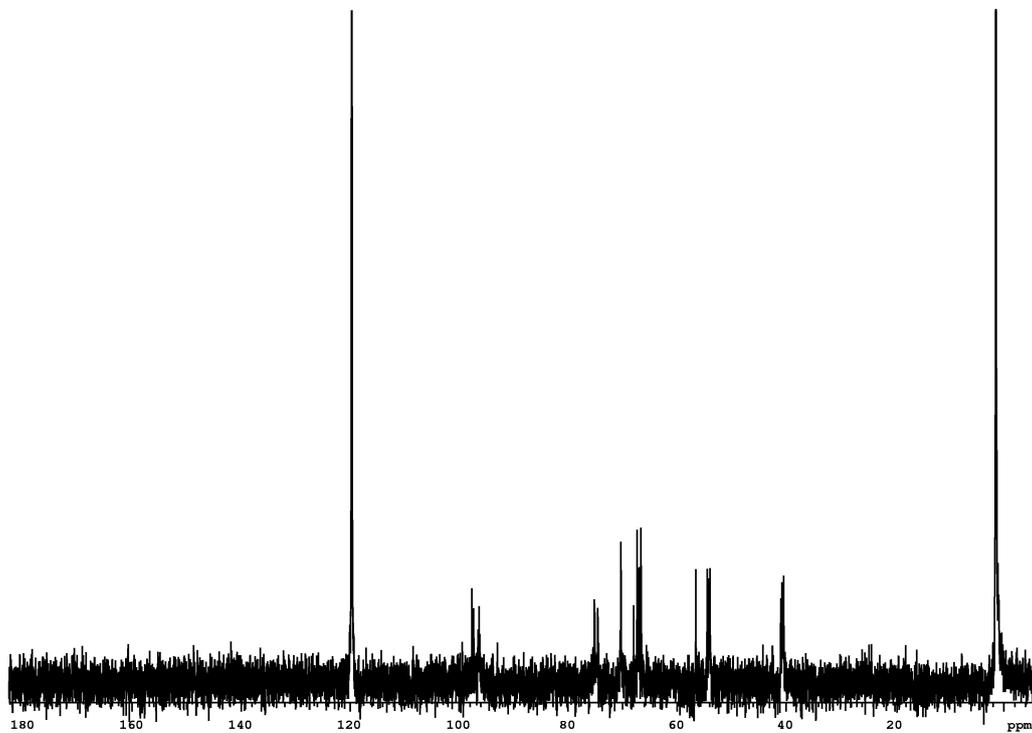


Figure S43. ^{13}C NMR spectrum of compound **26** in D_2O (75.45 MHz).

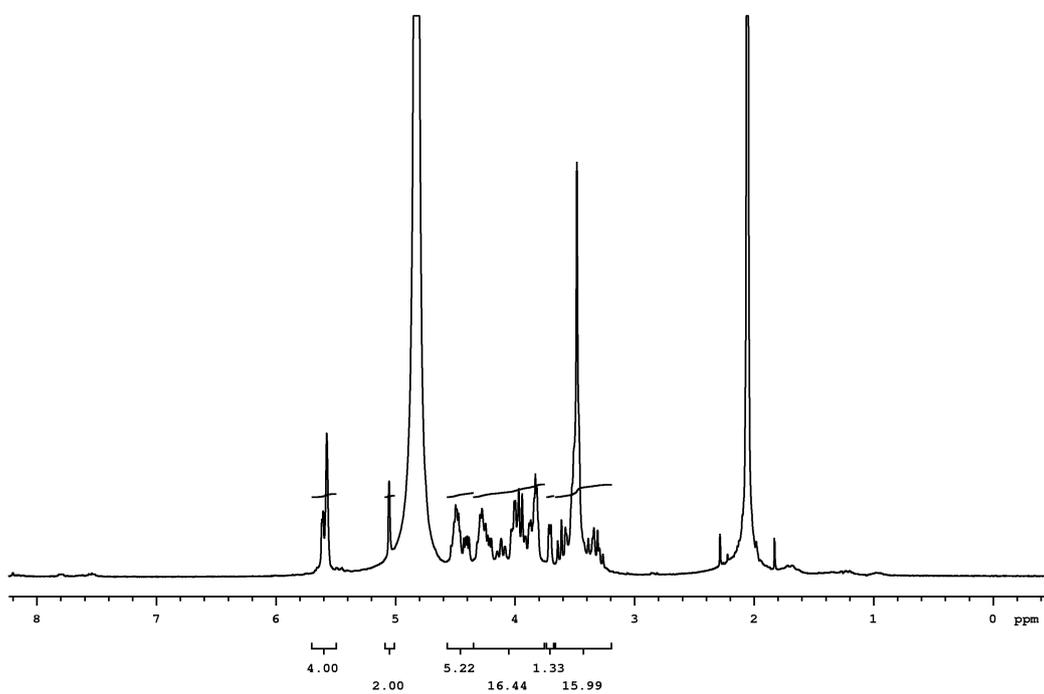


Figure S44. ^1H NMR spectrum of compound **27** in D_2O (300 MHz).

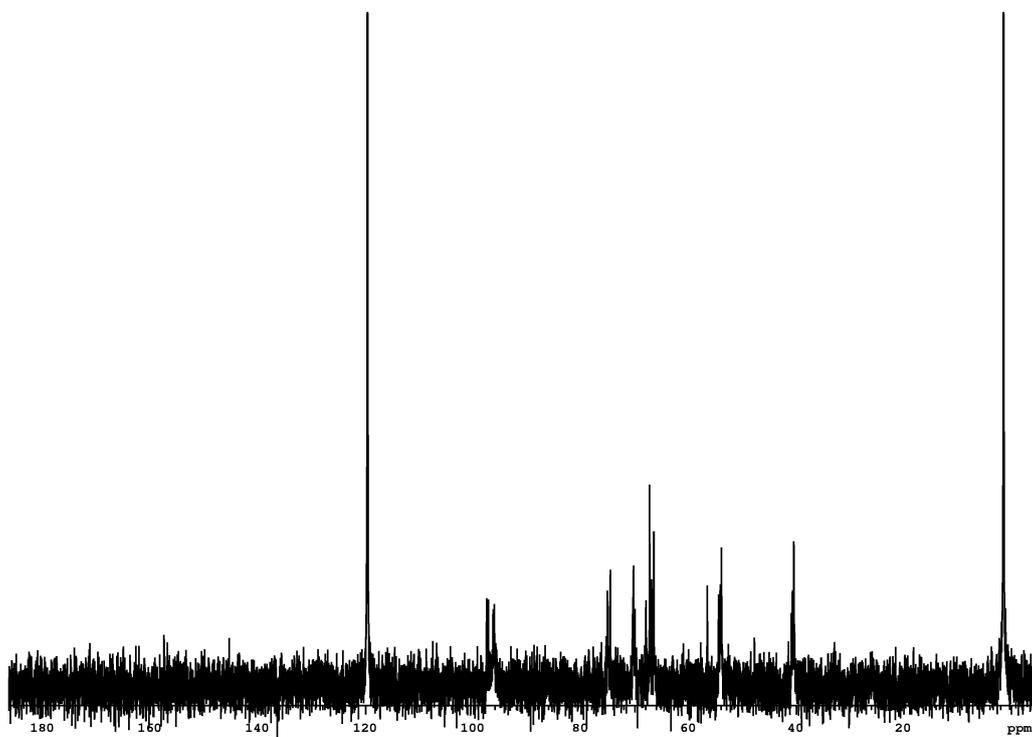


Figure S45. ^{13}C NMR spectrum of compound **27** in D_2O (75.45 MHz).