

Supplementary Information

¹H and ¹³C-NMR Spectra for

Synthesis of substituted [3]dendralenes and their unique cycloaddition reactions

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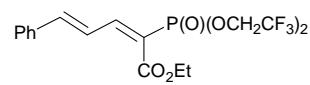
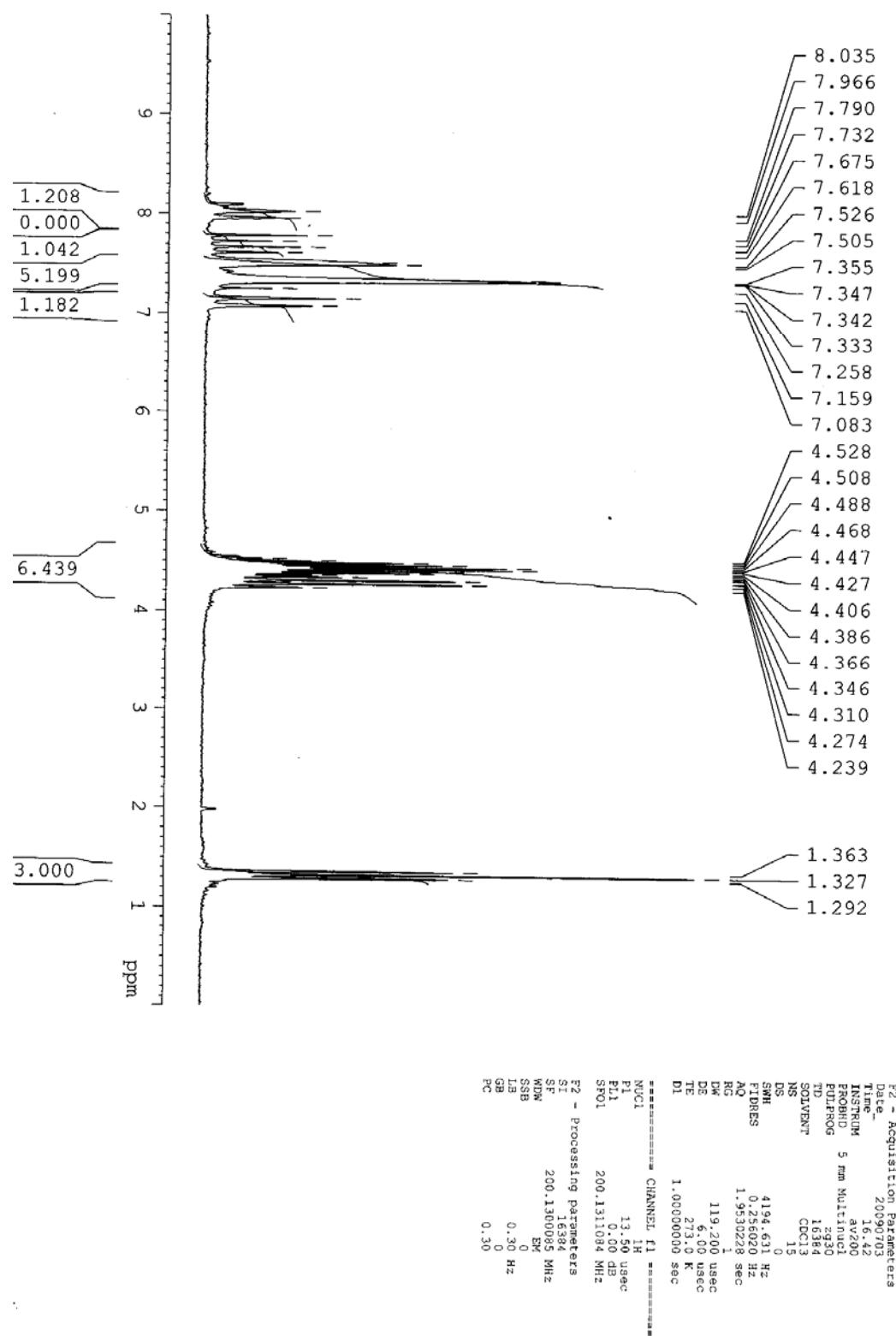


Figure-S1. ^1H NMR spectrum of compound (**2E,4E**)-**7**



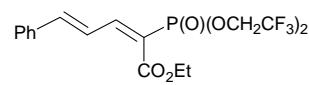
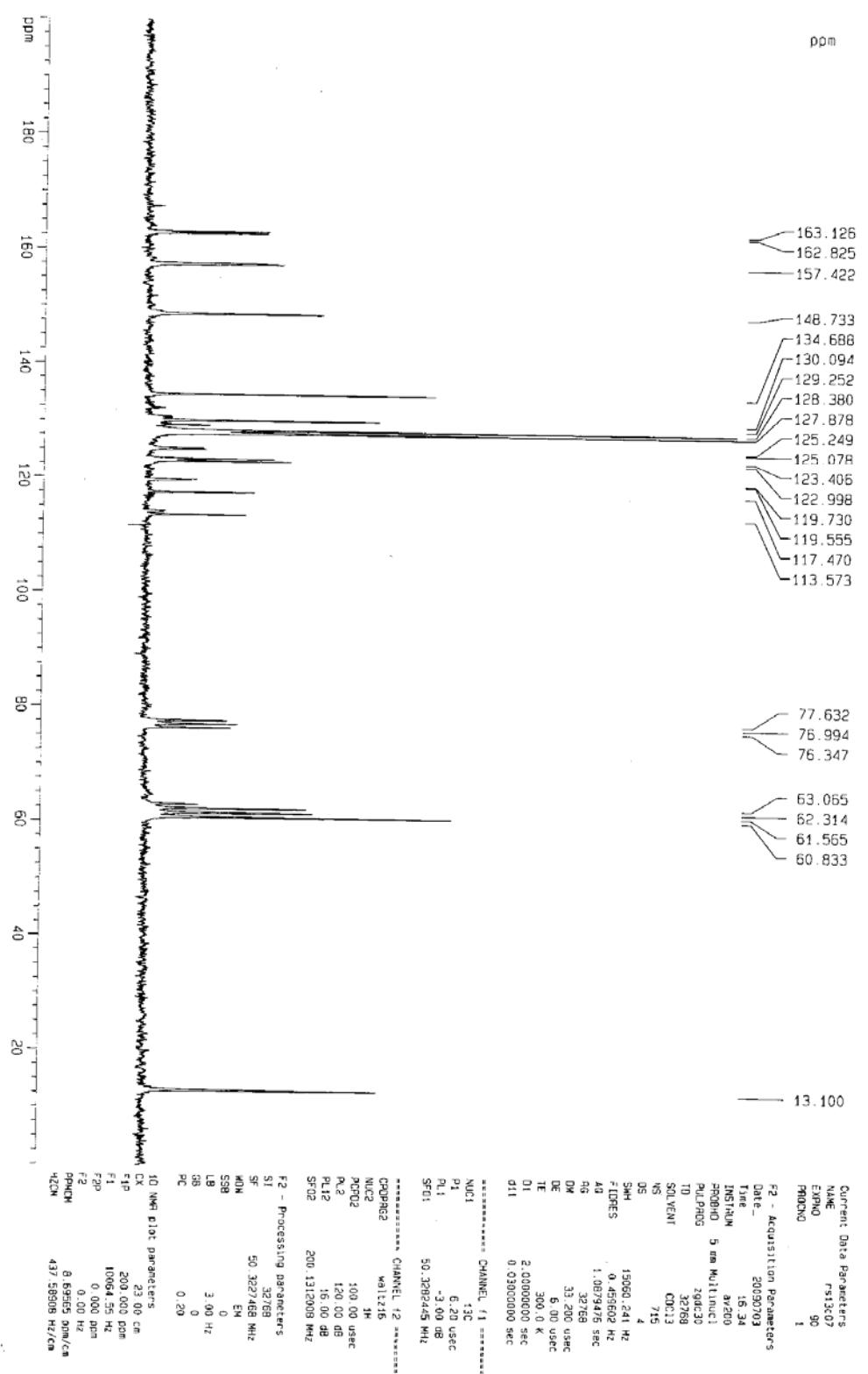


Figure-S2. ^{13}C NMR spectrum of compound (**2E,4E**)-**7**



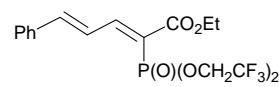
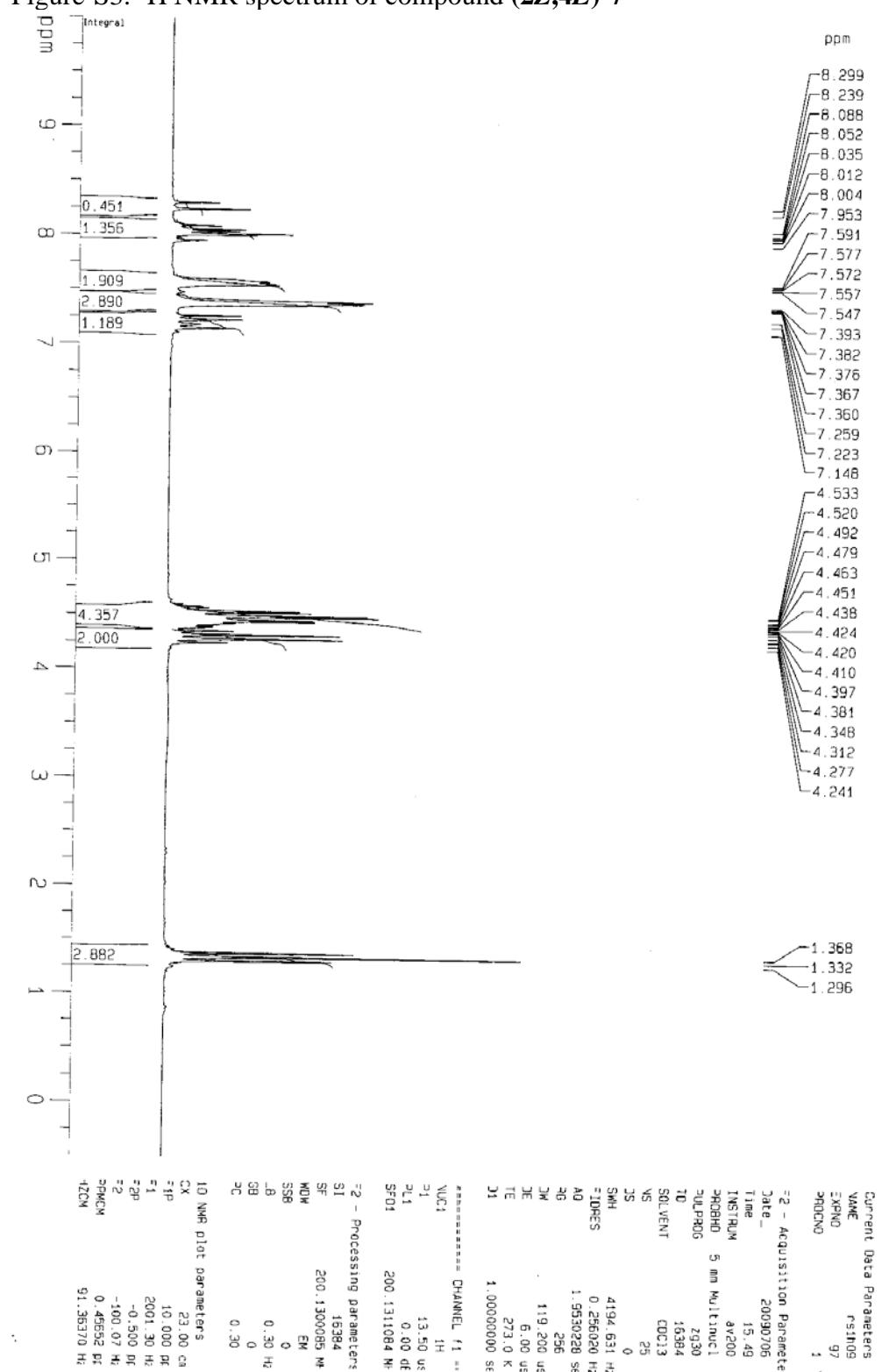


Figure-S3. ^1H NMR spectrum of compound (*2Z,4E*)-7



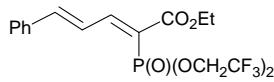
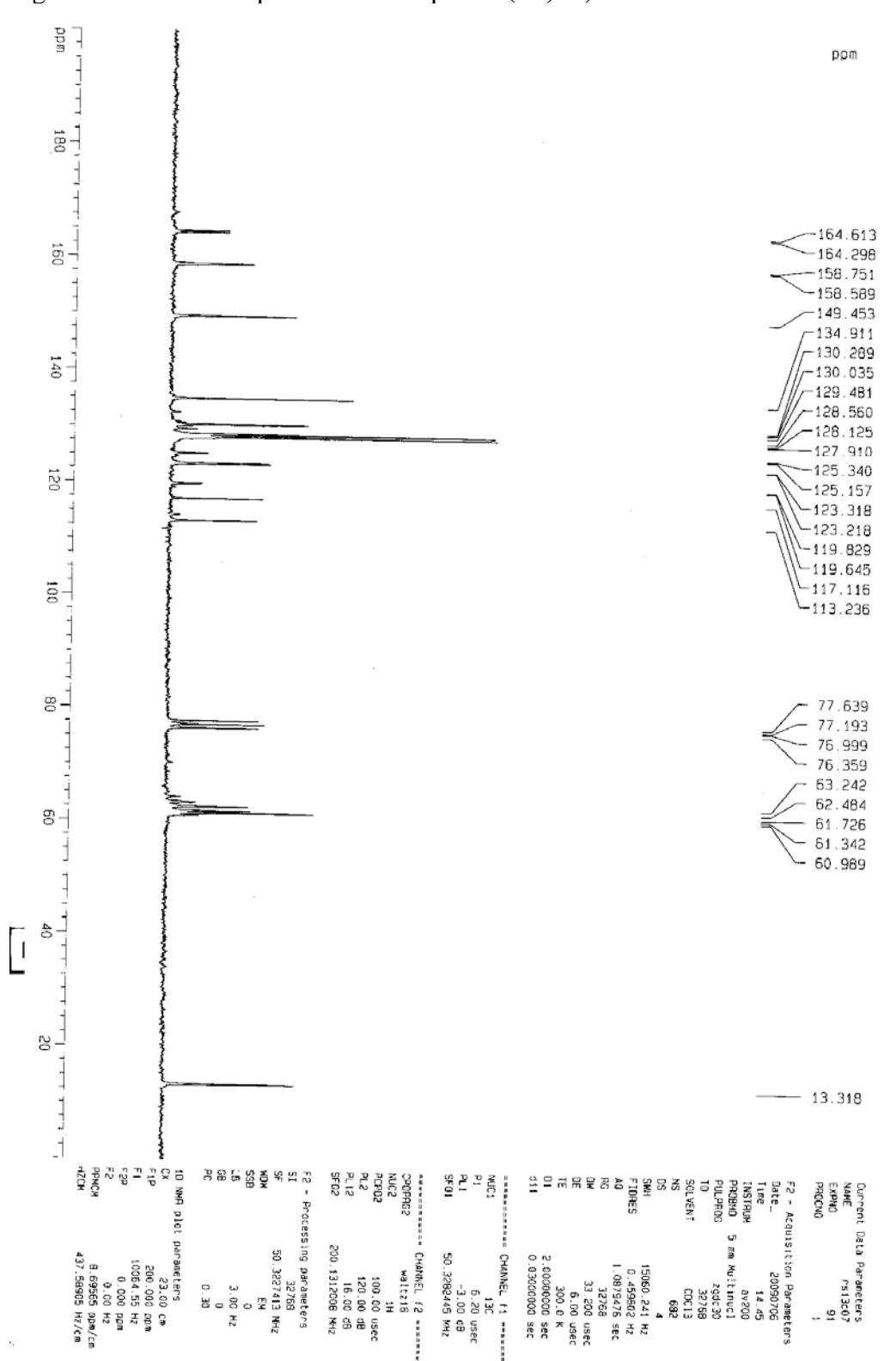


Figure-S4. ^{13}C NMR spectrum of compound (2Z,4E)-7



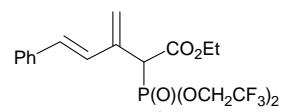
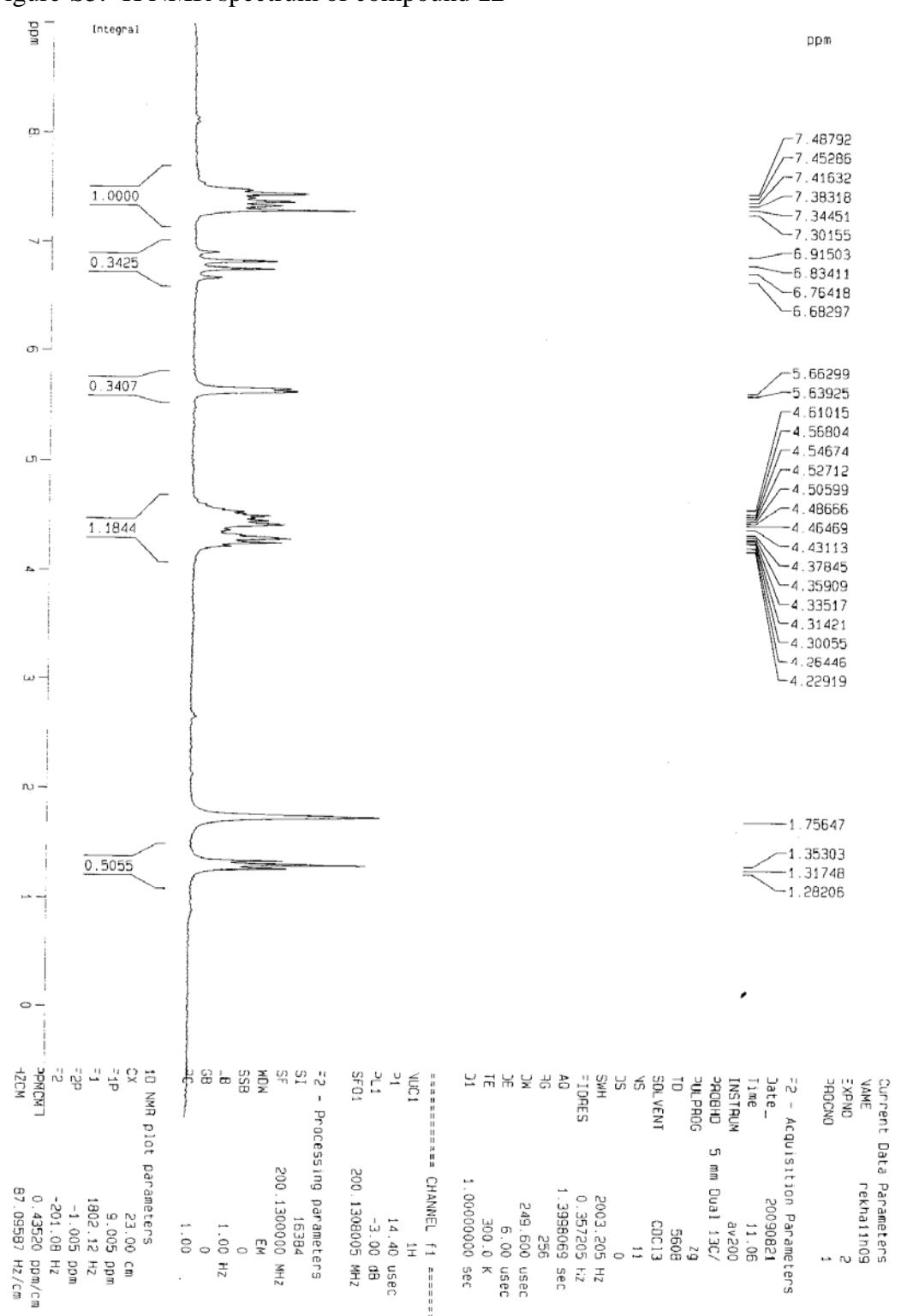


Figure-S5. ¹H NMR spectrum of compound 12



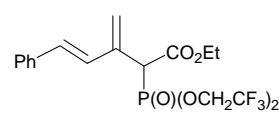
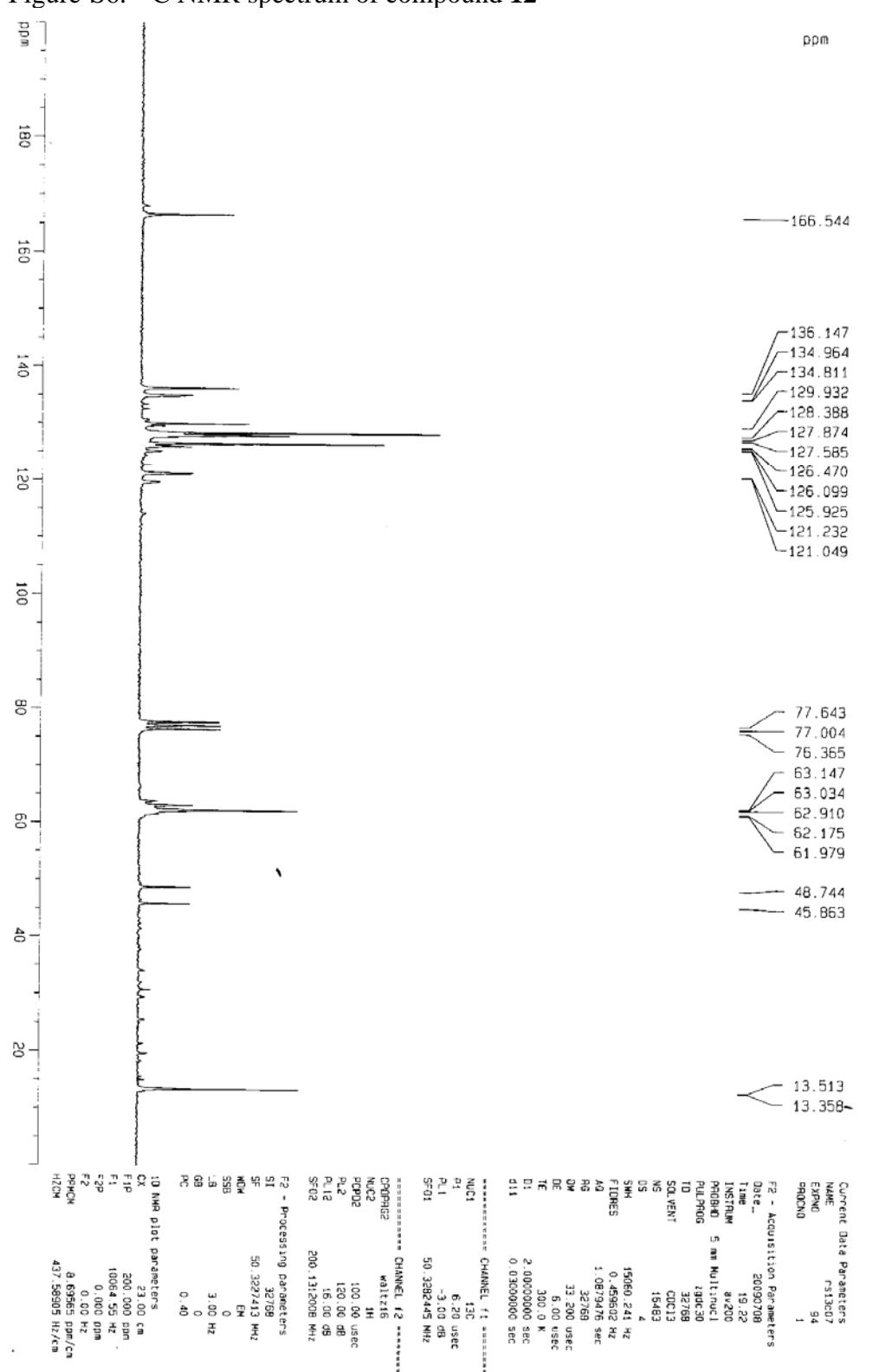


Figure-S6. ^{13}C NMR spectrum of compound 12



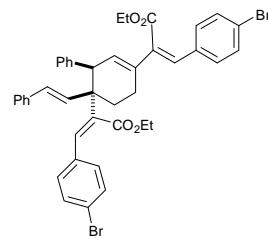
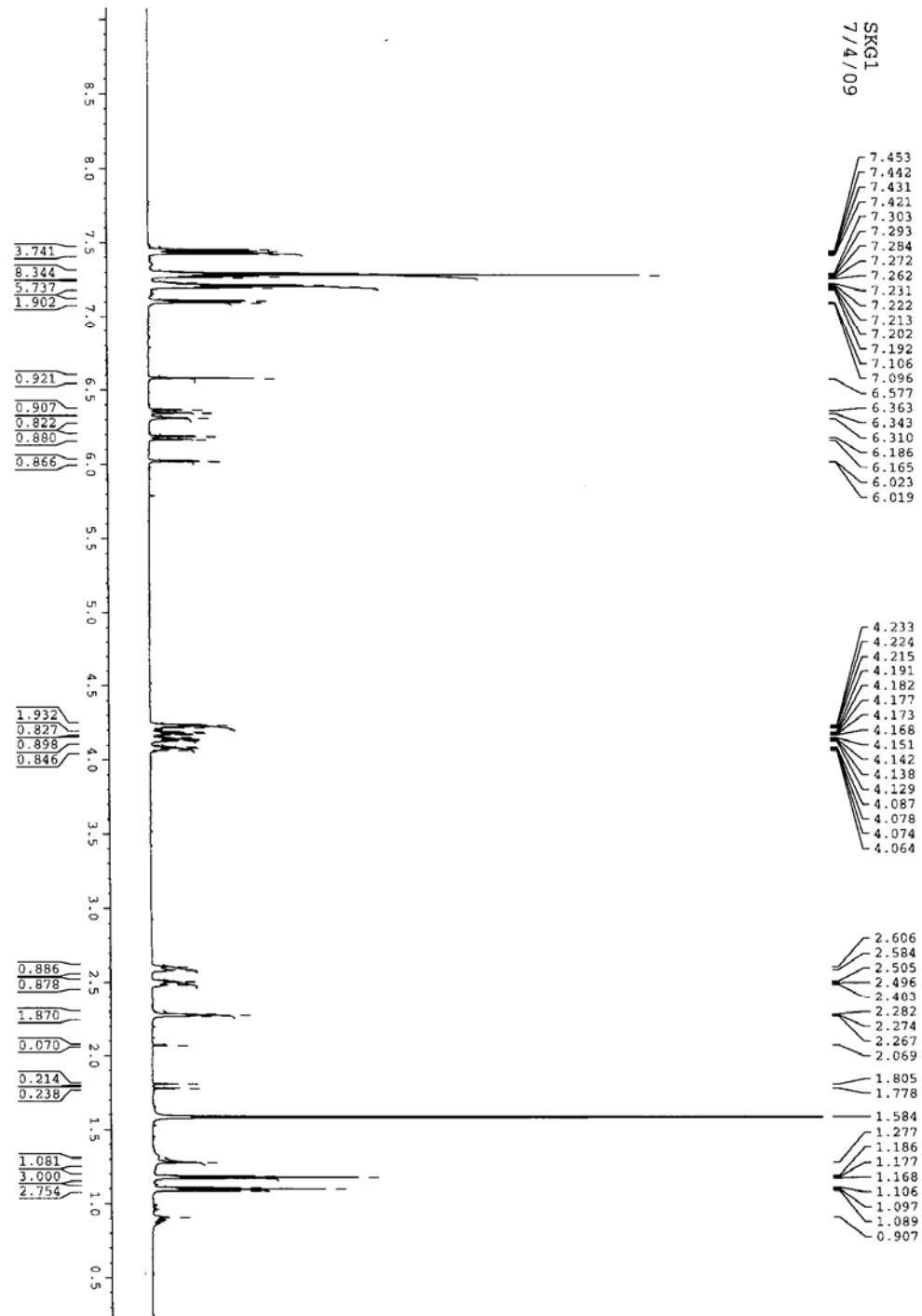


Figure-S7. ^1H NMR spectrum of compound **10a**



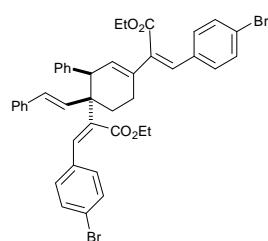
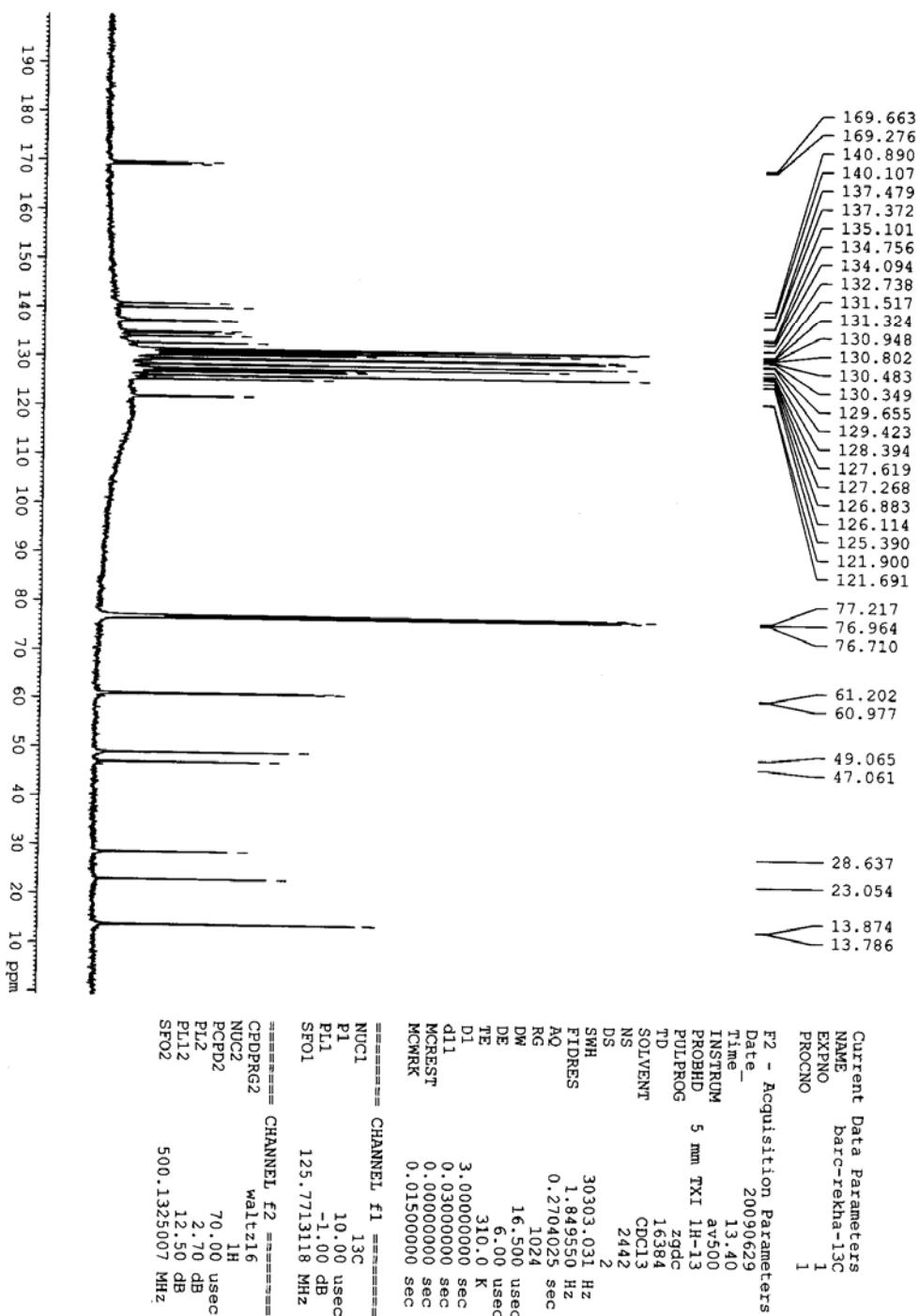


Figure-S8. ^{13}C NMR spectrum of compound **10a**



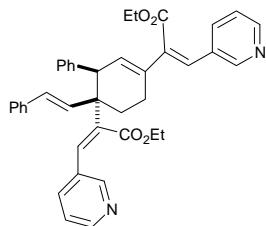
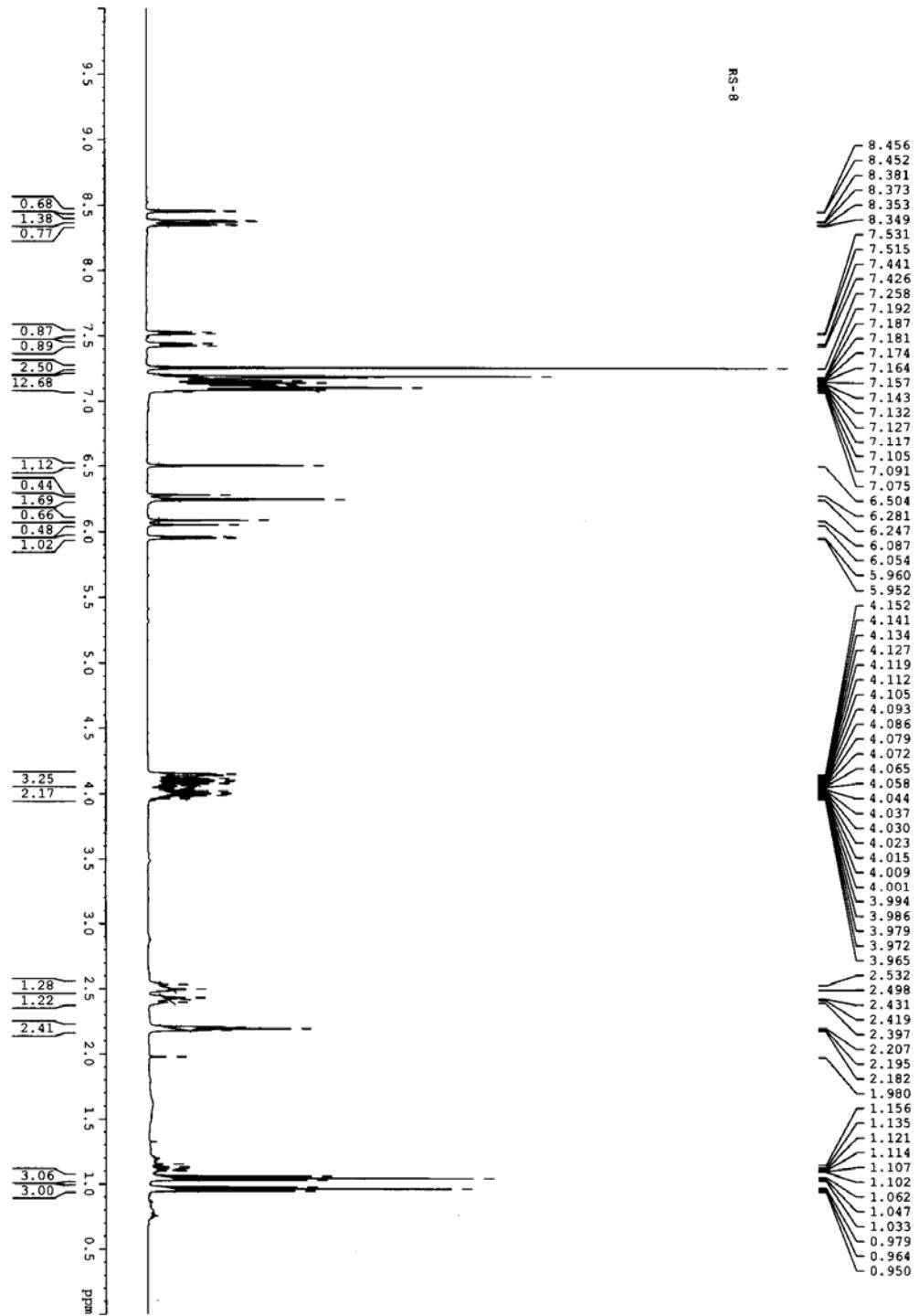


Figure-S9. ^1H NMR spectrum of compound **10b**



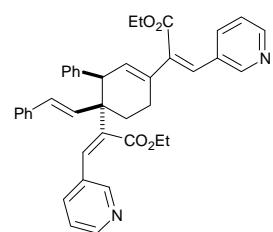
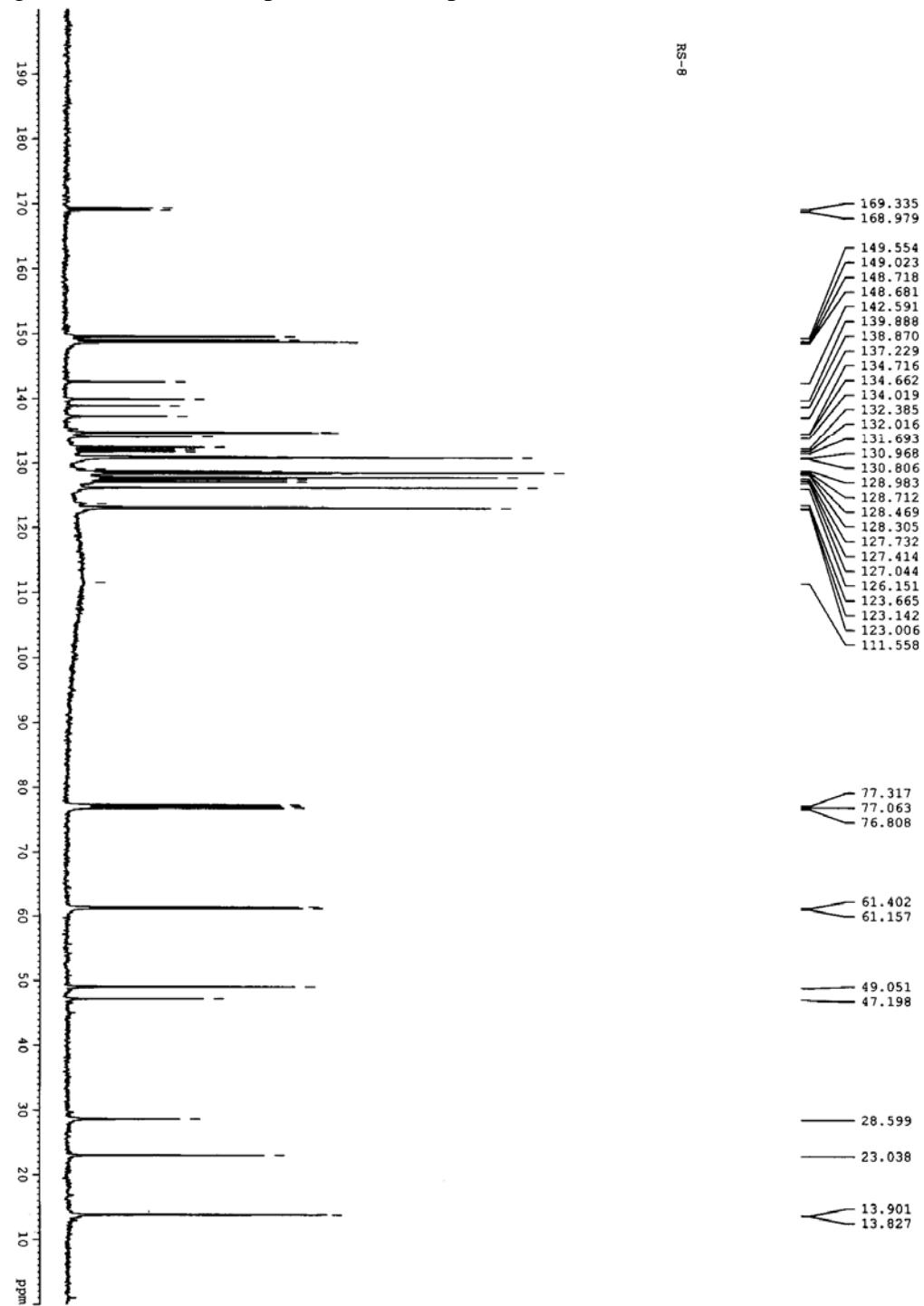


Figure-S10. ^{13}C NMR spectrum of compound **10b**



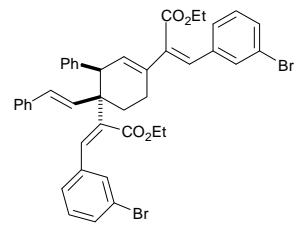
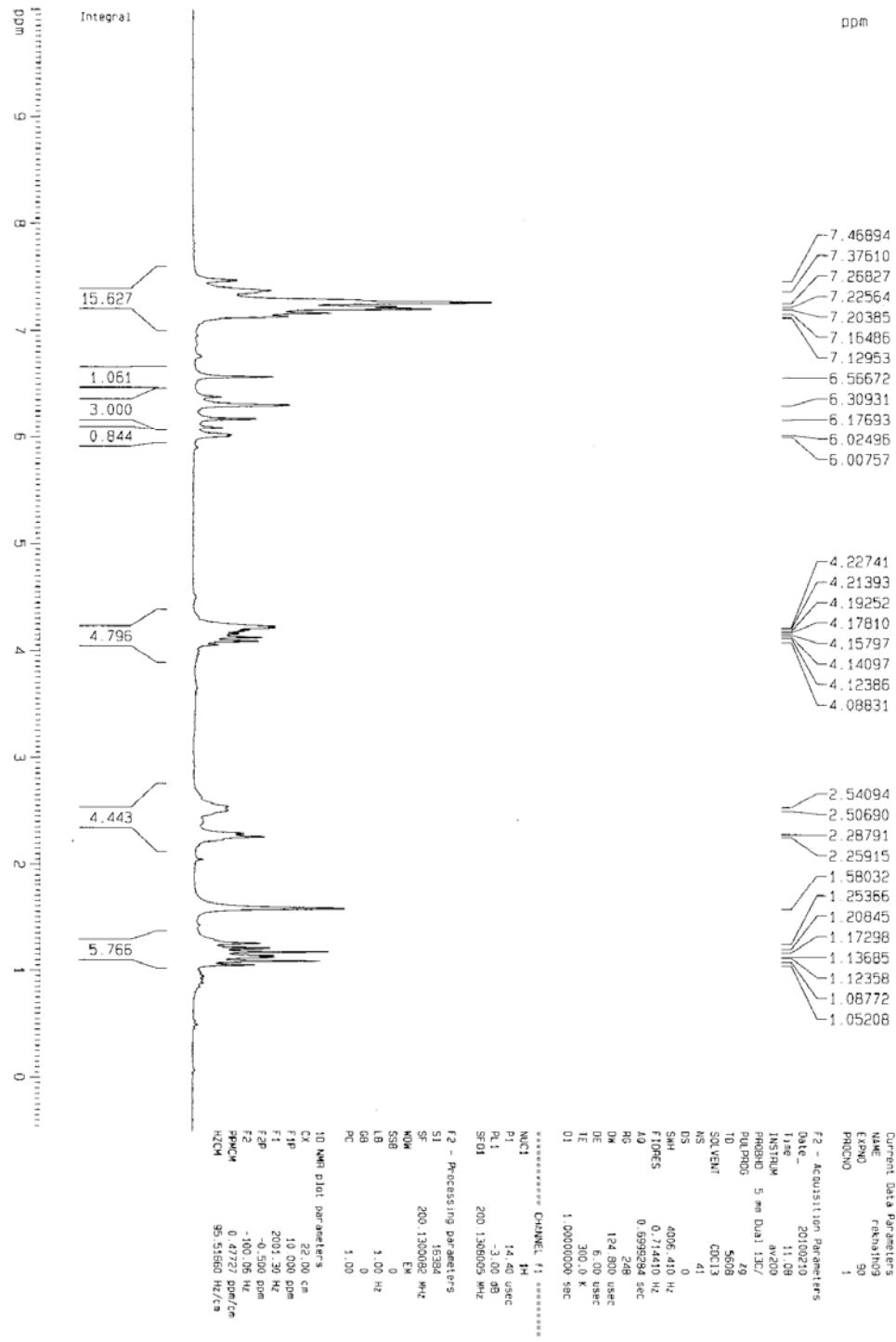


Figure-S11. ^1H NMR spectrum of compound **10c**



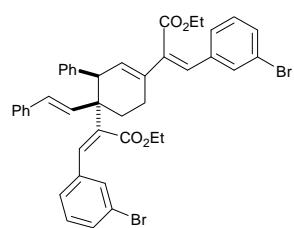
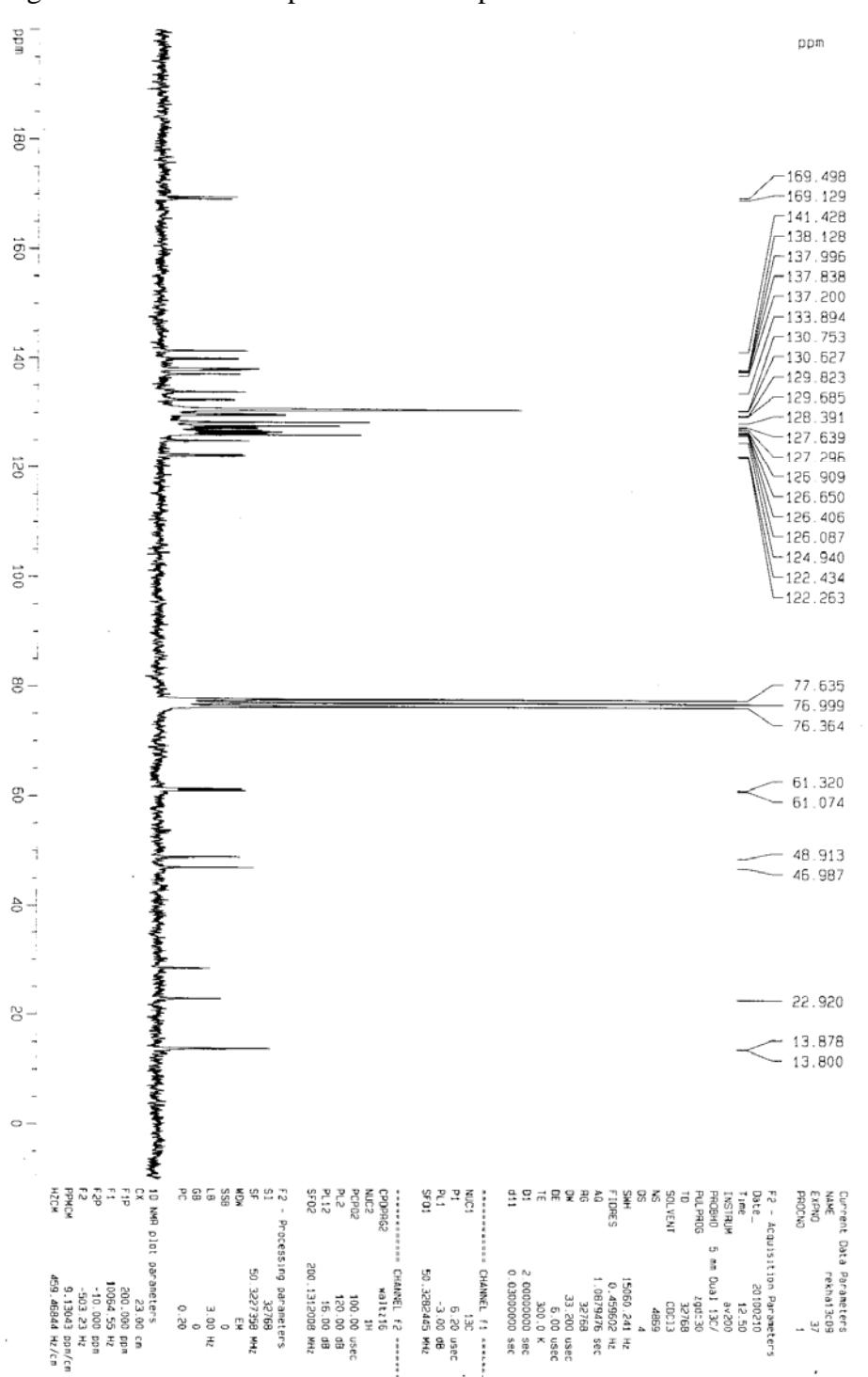


Figure-S12. ^{13}C NMR spectrum of compound **10c**



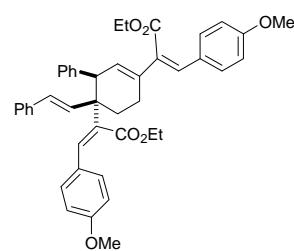
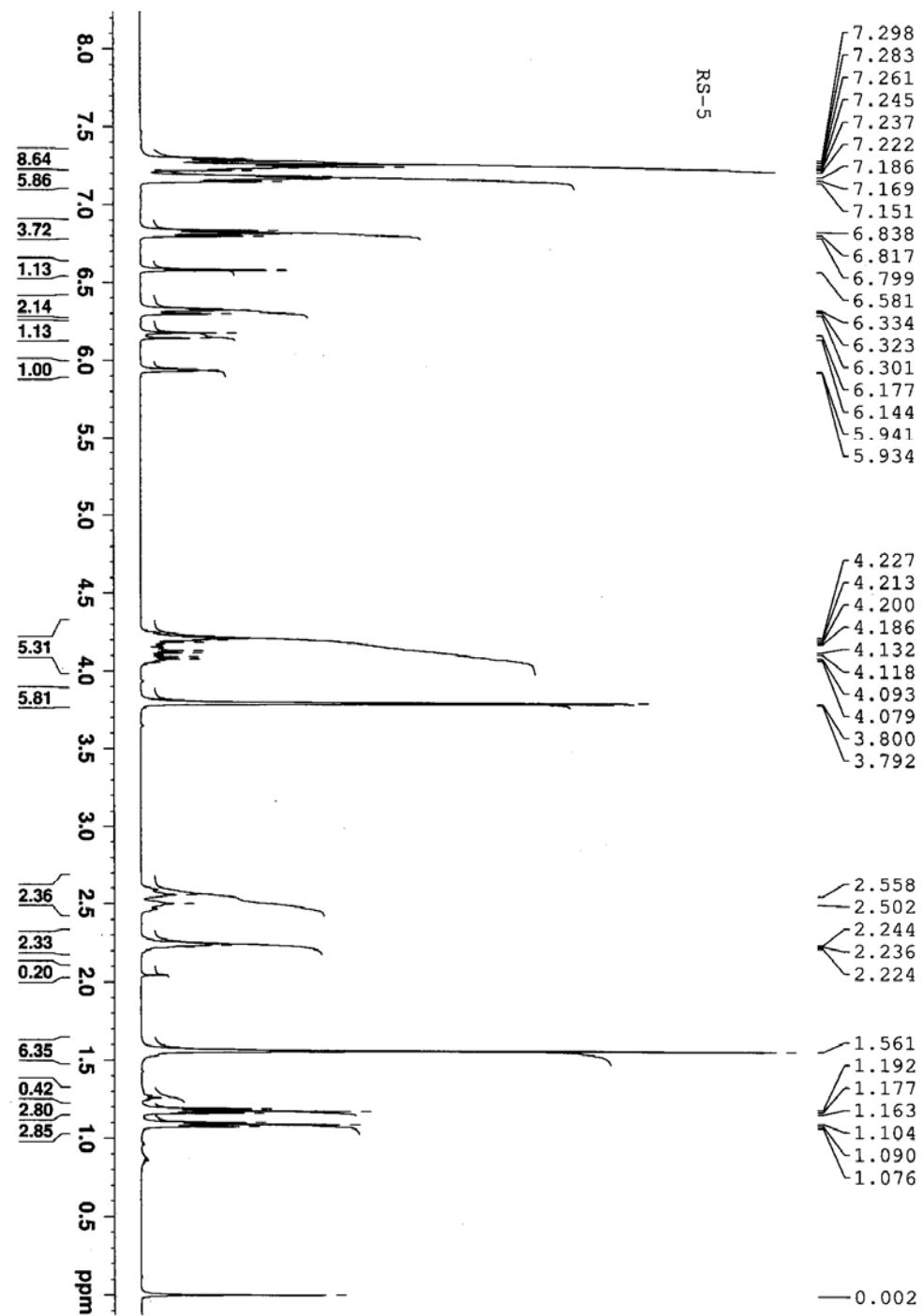


Figure-S13. ^1H NMR spectrum of compound **10d**



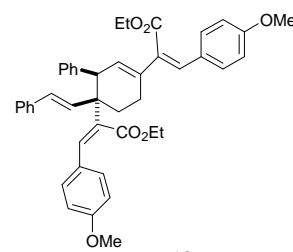
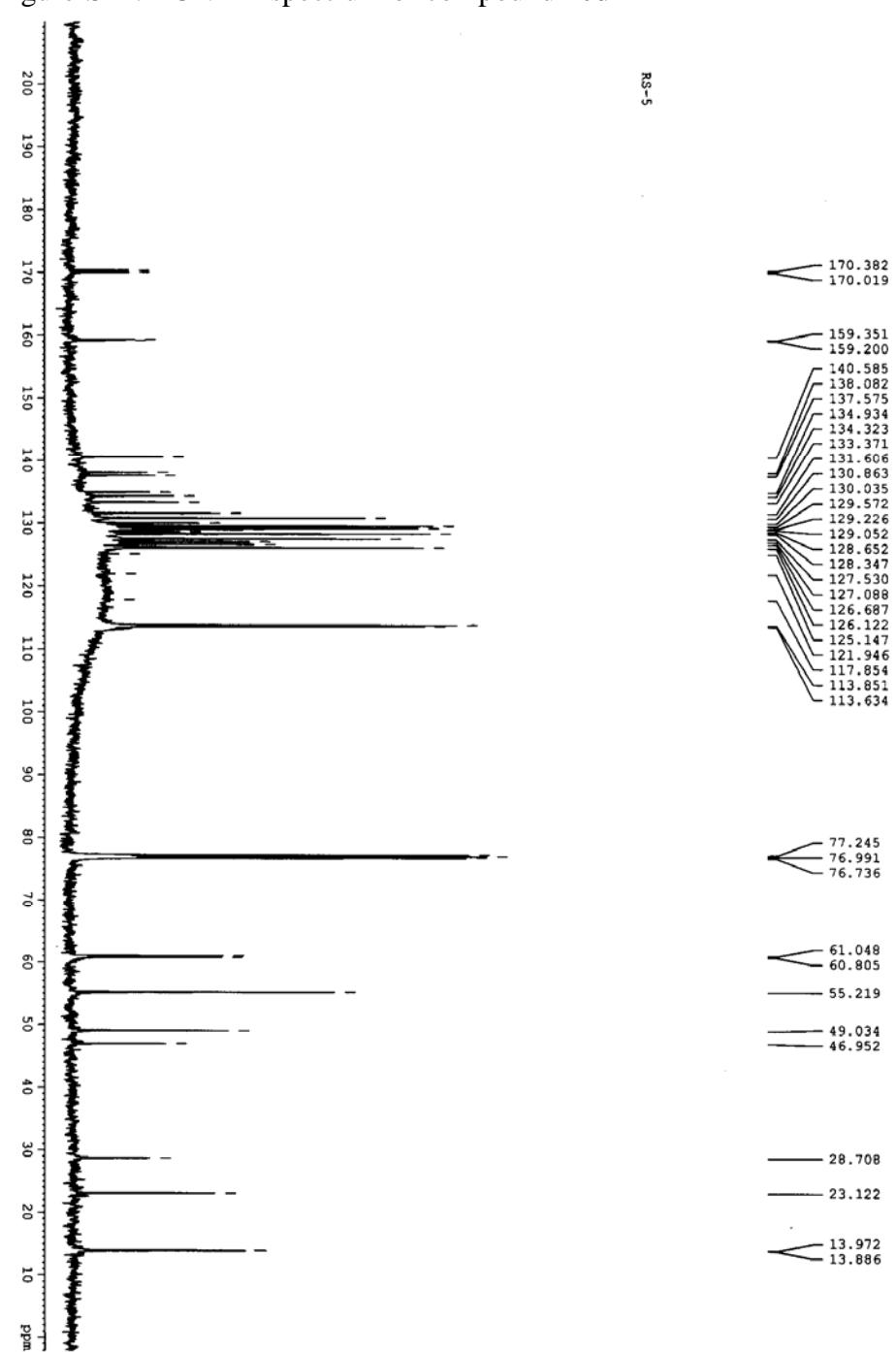


Figure-S14. ¹³CNMR spectrum of compound 10d



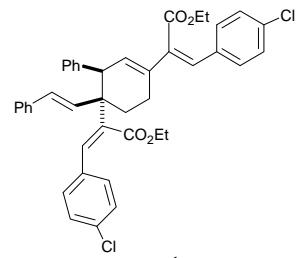
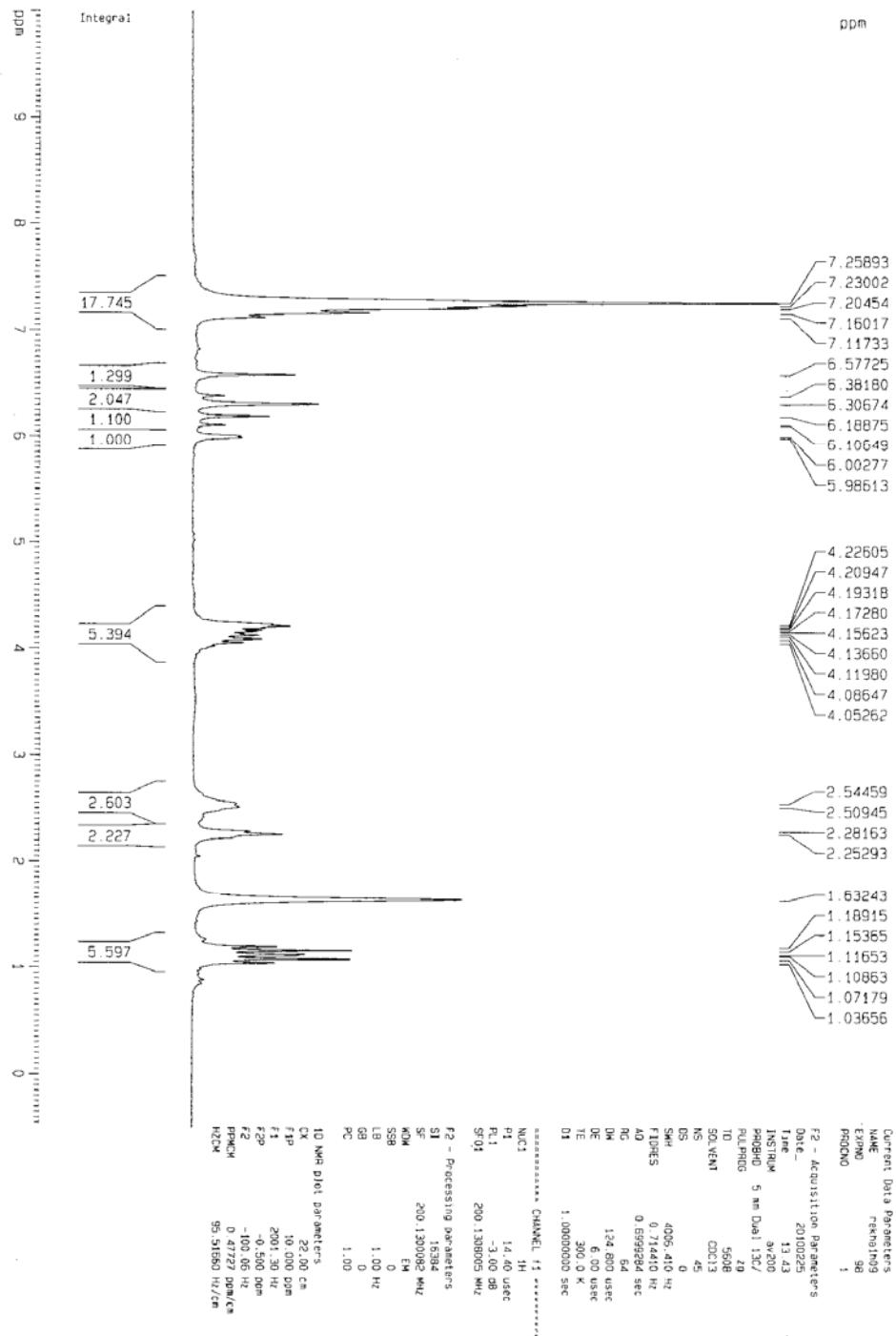


Figure-S15. ^1H NMR spectrum of compound **10e**



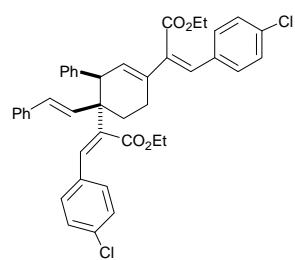
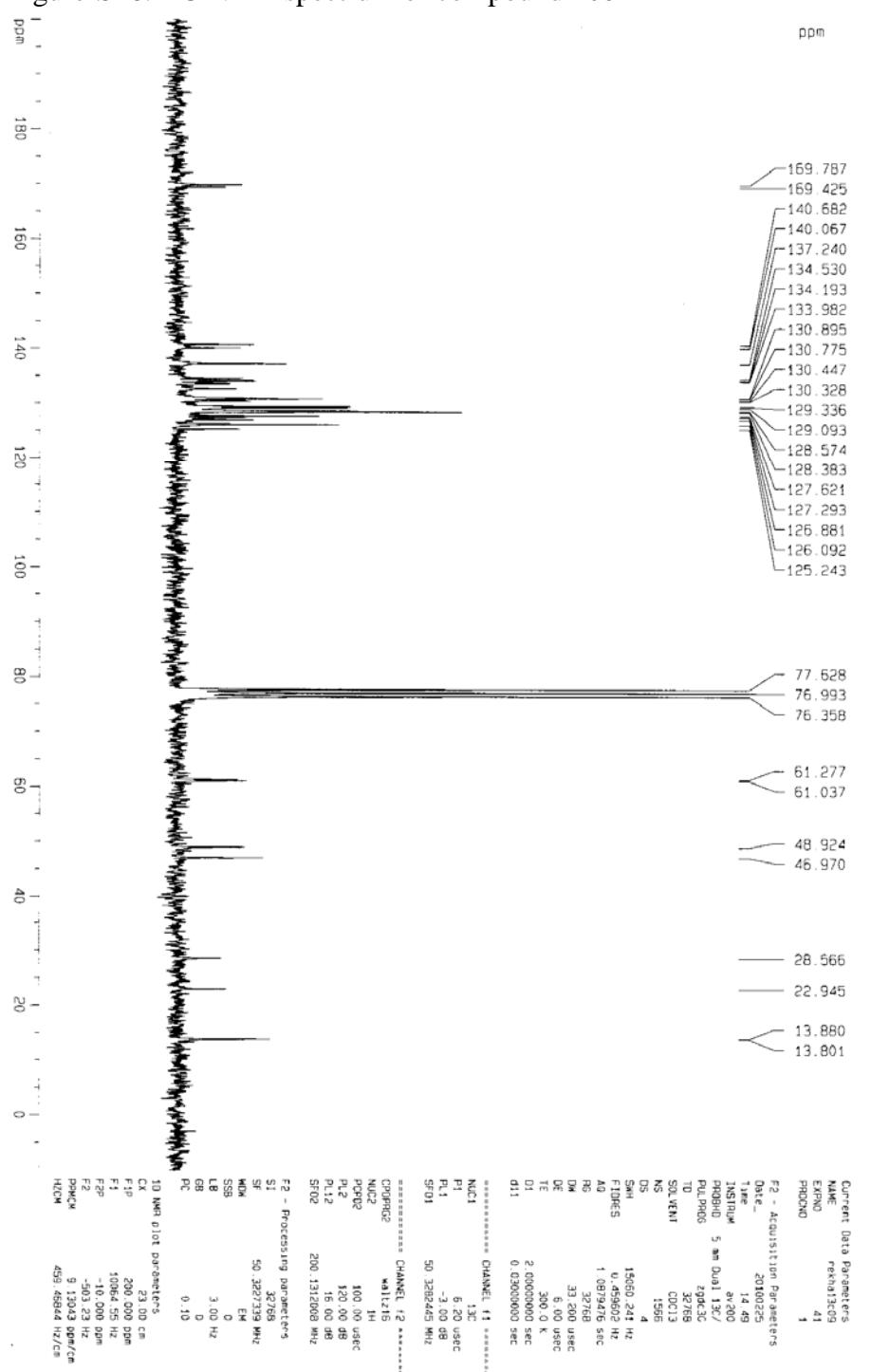


Figure-S16. ^{13}C NMR spectrum of compound **10e**



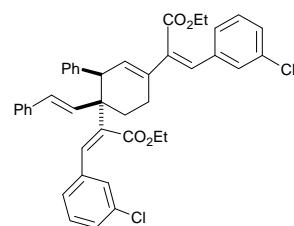
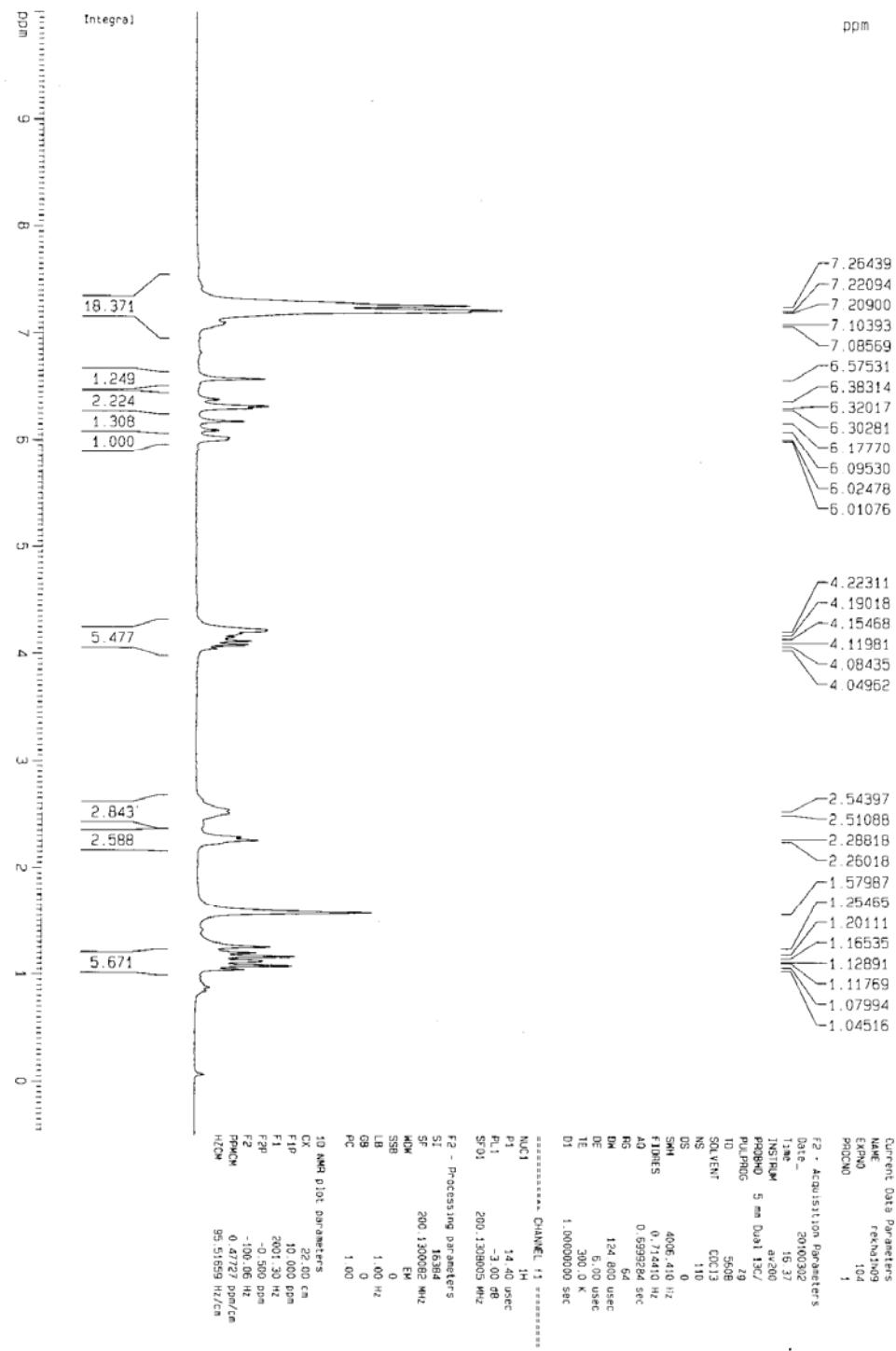


Figure-S17. ^1H NMR spectrum of compound **10f**



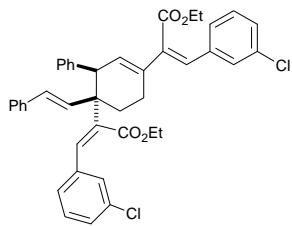
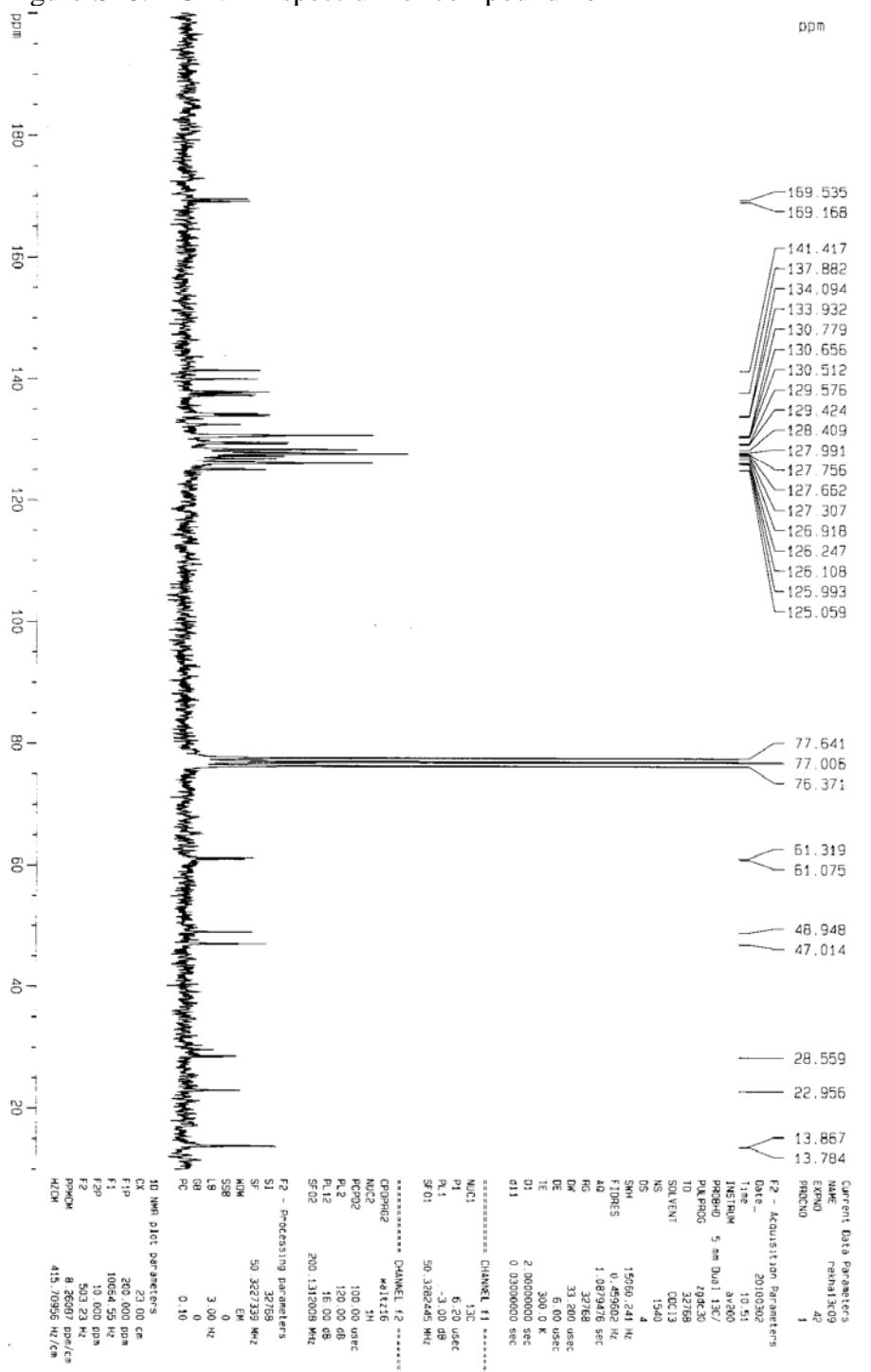


Figure-S18. ^{13}C NMR spectrum of compound **10f**



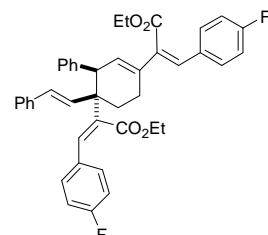
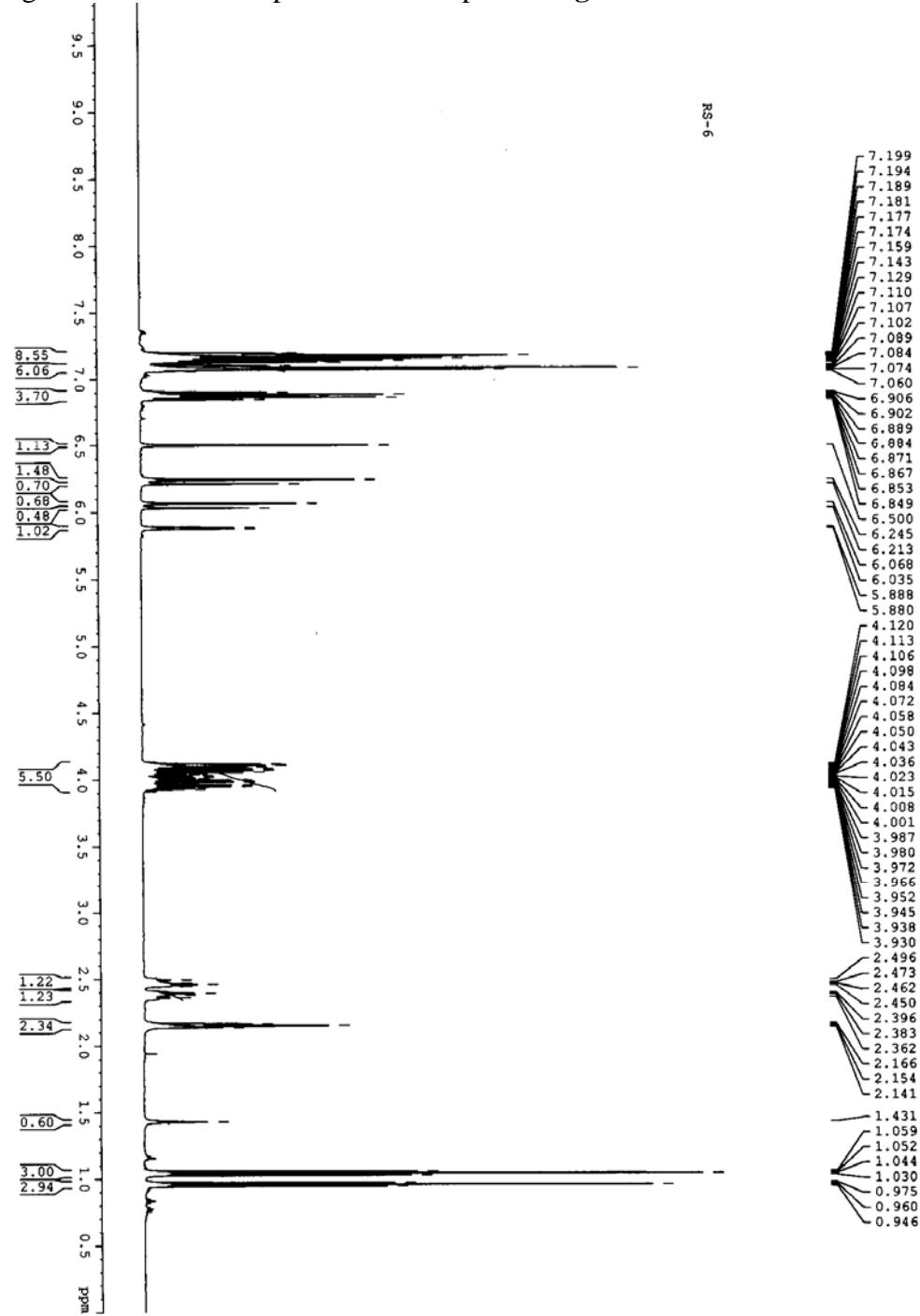


Figure-S19. ¹H NMR spectrum of compound 10g



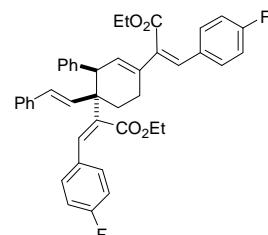
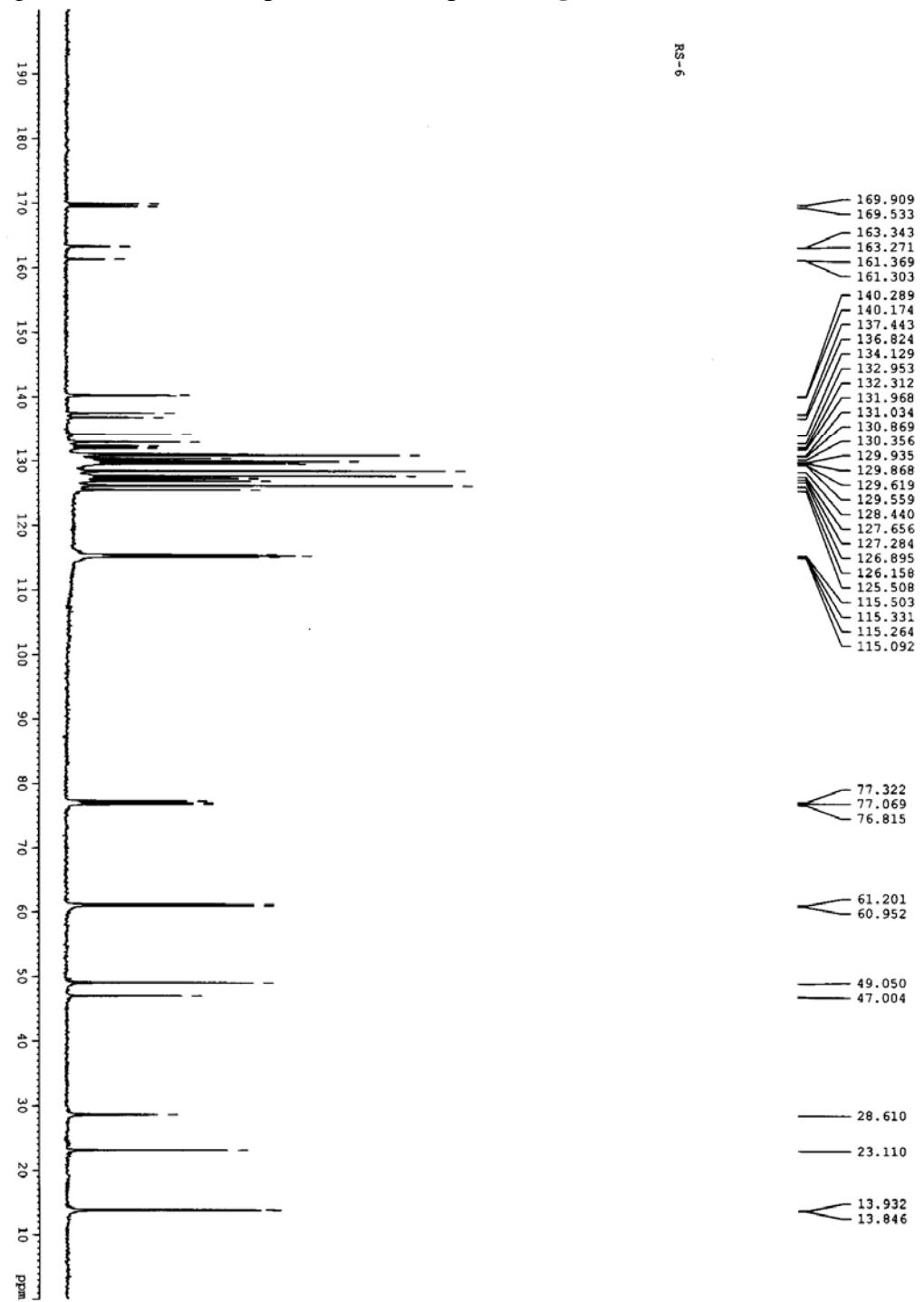


Figure-S20. ^{13}C NMR spectrum of compound **10g**



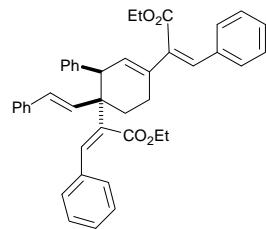
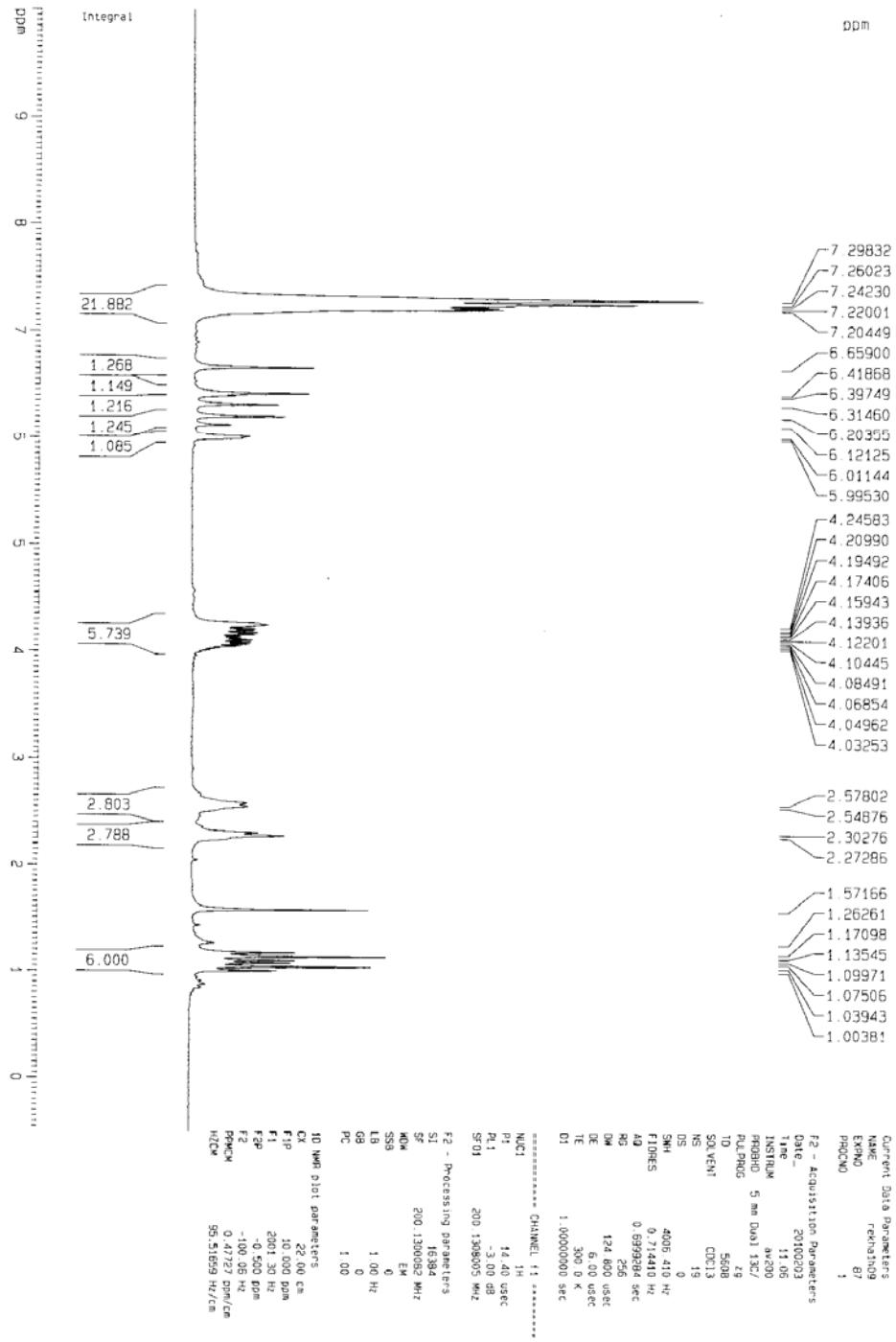


Figure-S21. ^1H NMR spectrum of compound **10h**



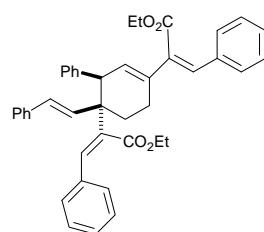
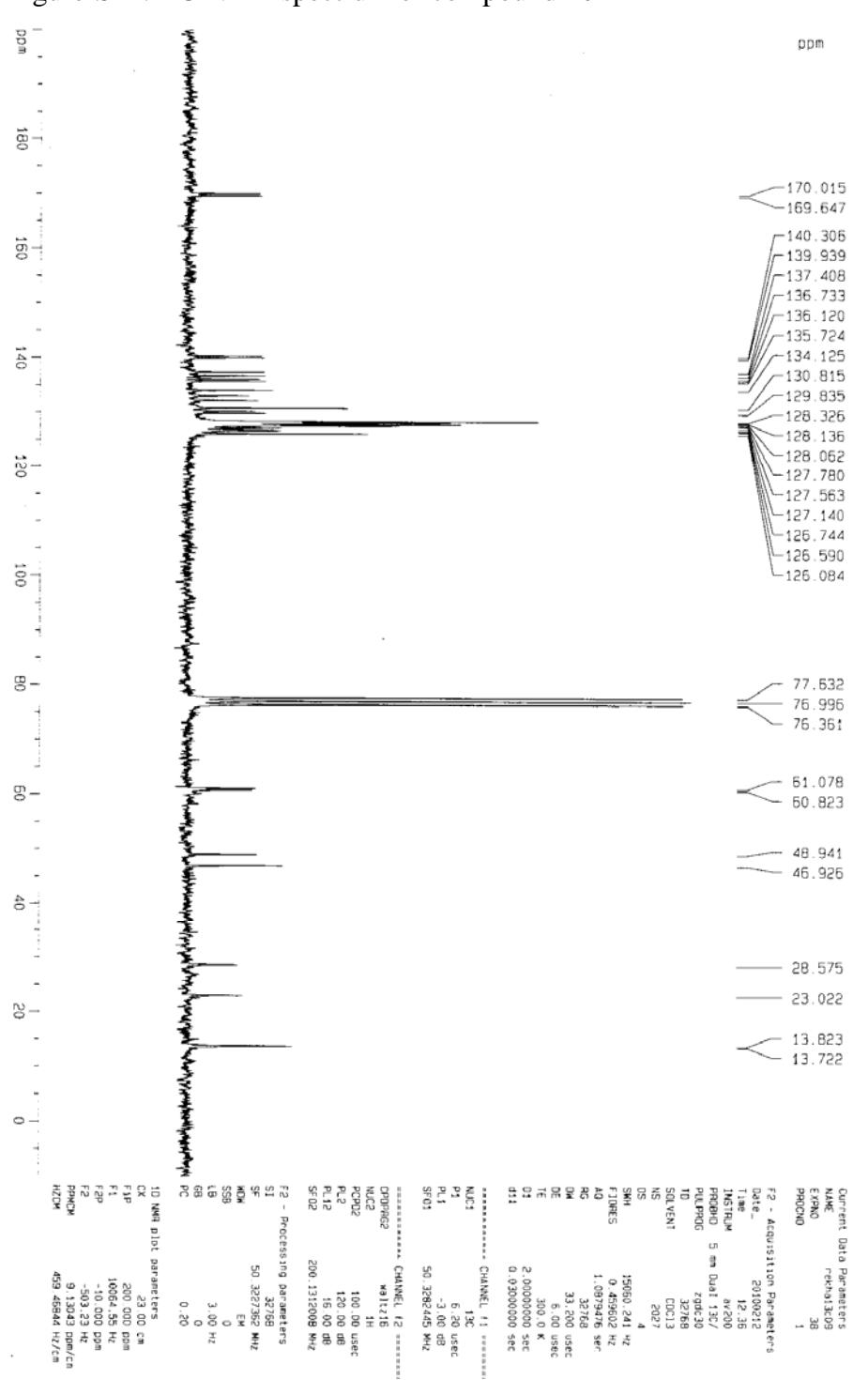


Figure-S22. ^{13}C NMR spectrum of compound **10h**



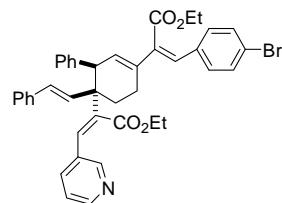
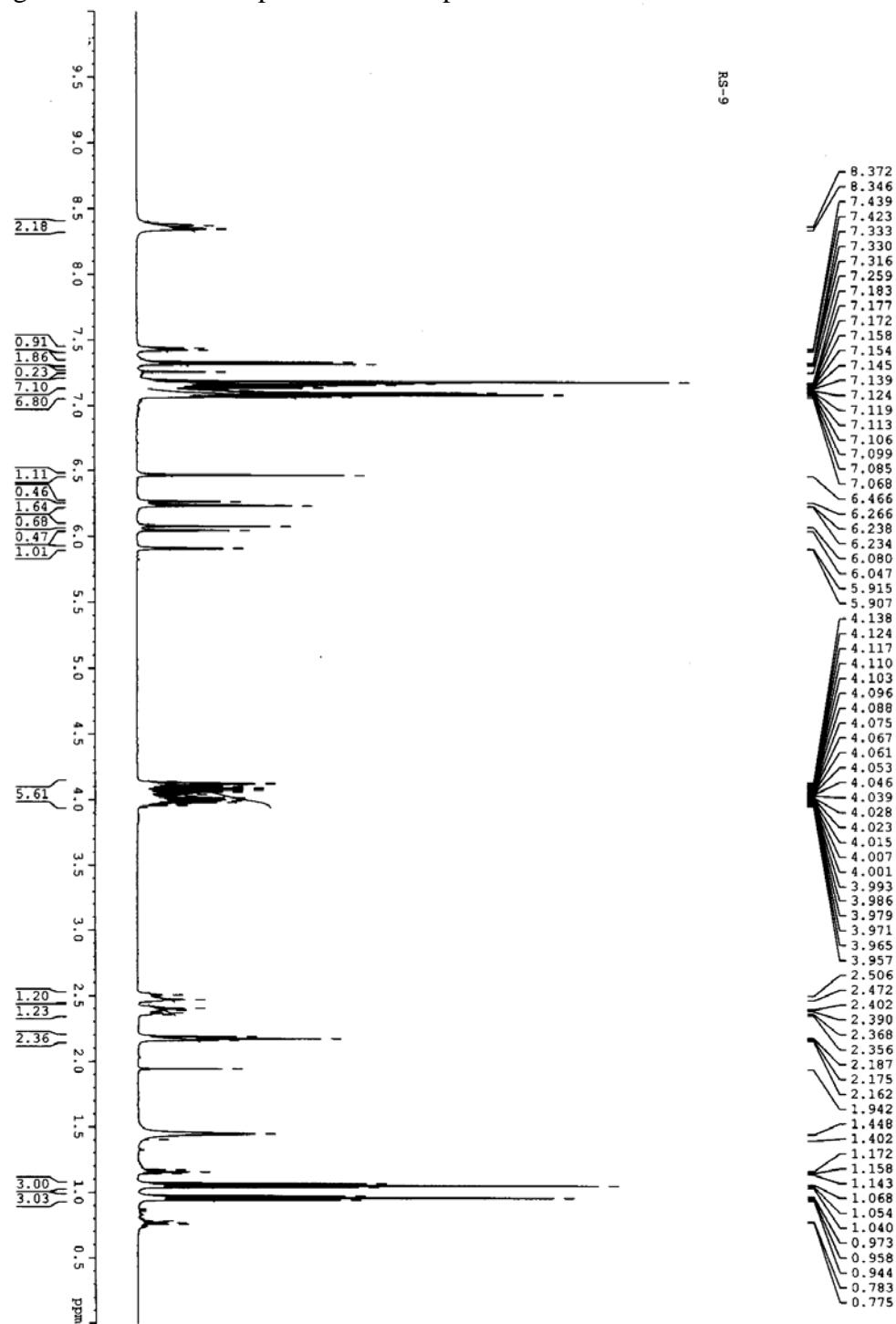


Figure-S23. ¹H NMR spectrum of compound 11a



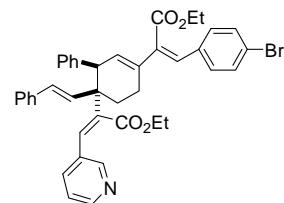
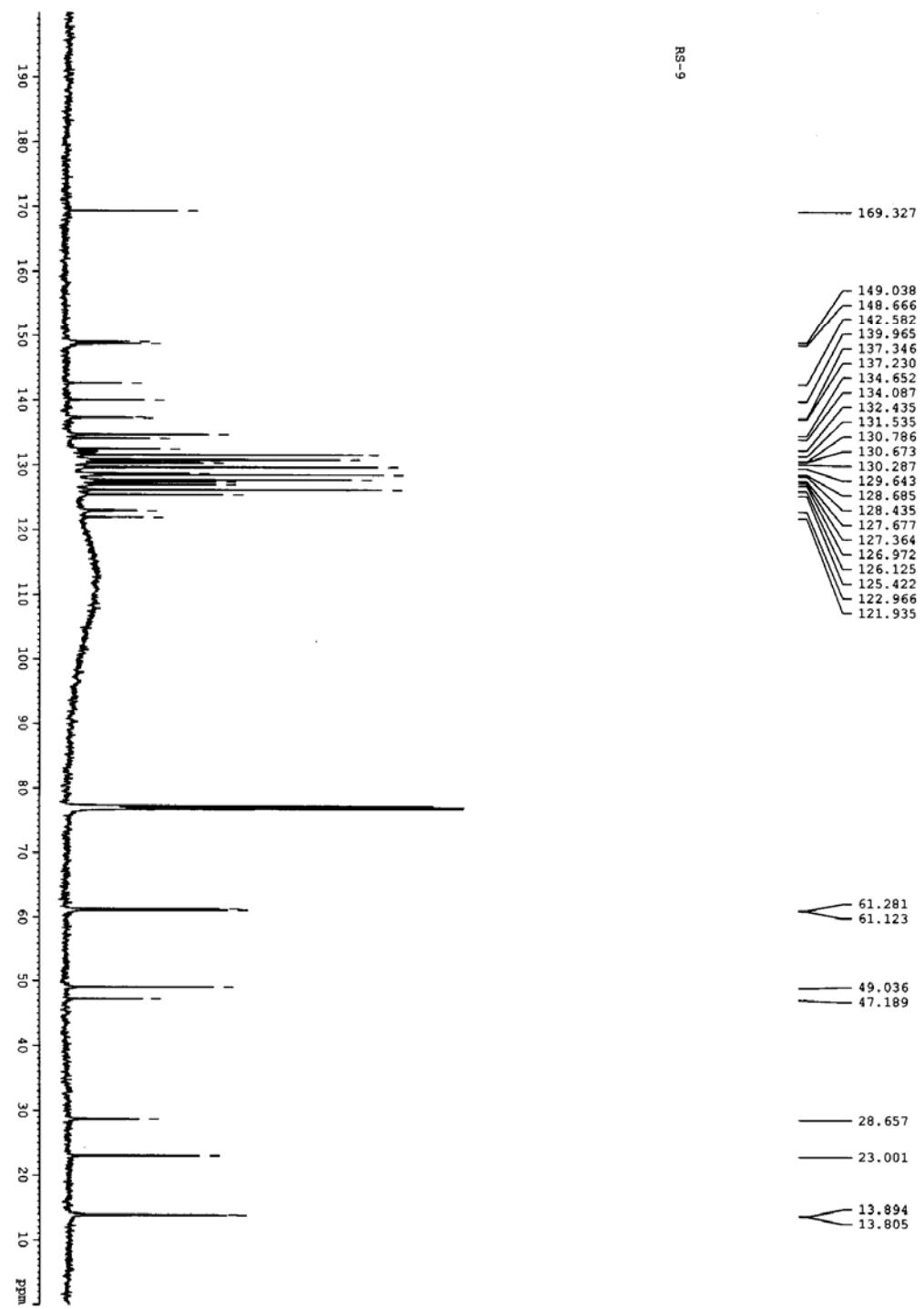


Figure-S24. ¹³C NMR spectrum of compound 11a



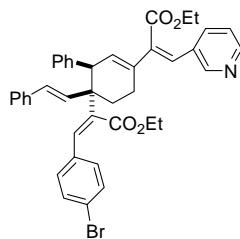
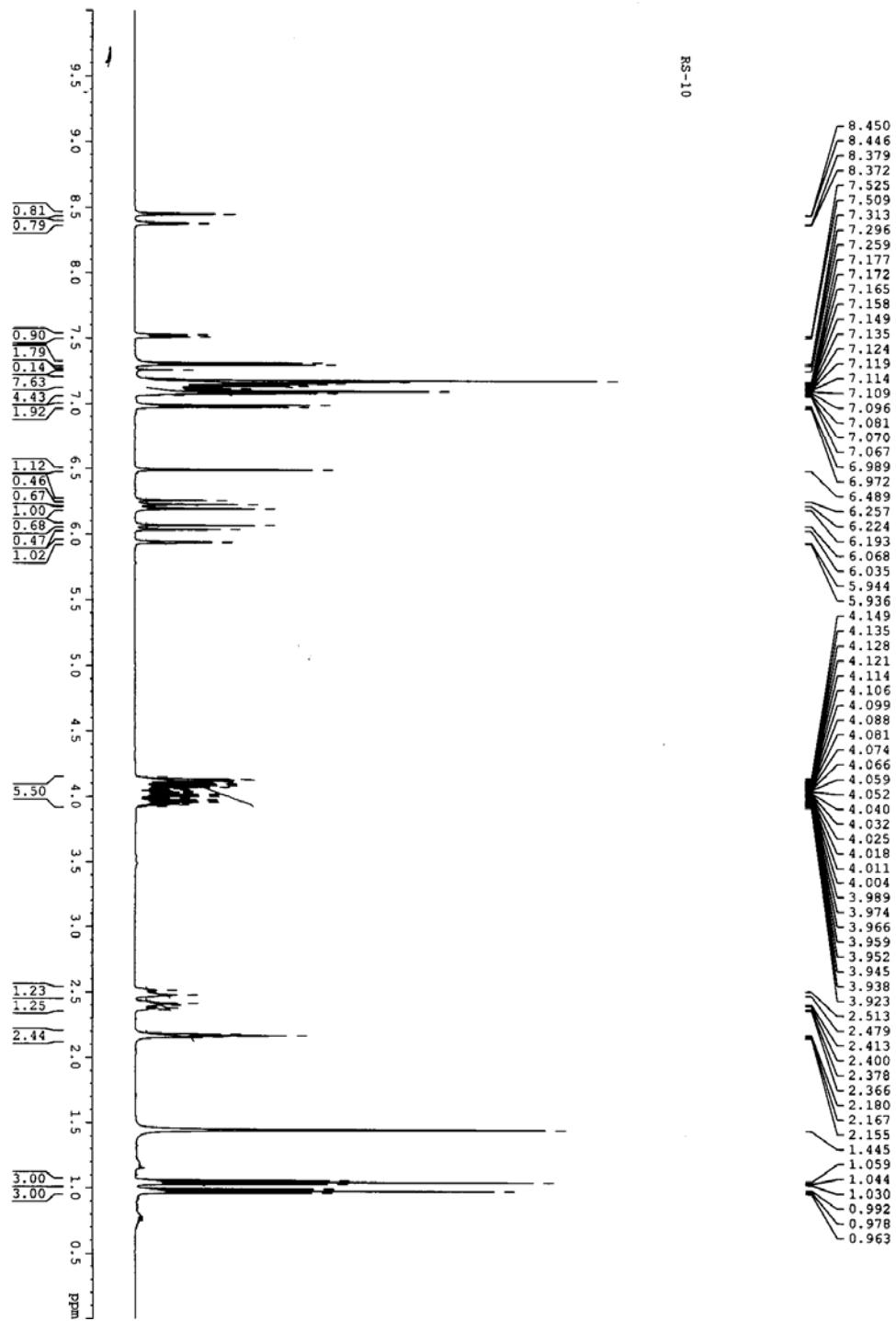


Figure-S25. ^1H NMR spectrum of compound **11b**



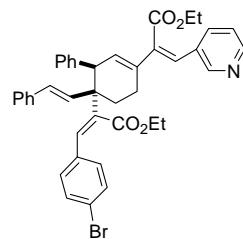


Figure-S26. ¹³C NMR spectrum of compound 11b

