

Supplementary Materials: Semisynthetic and SAR Studies of Amide Derivatives of Neocrotoembraneic Acid as Potential Antitumor Agents

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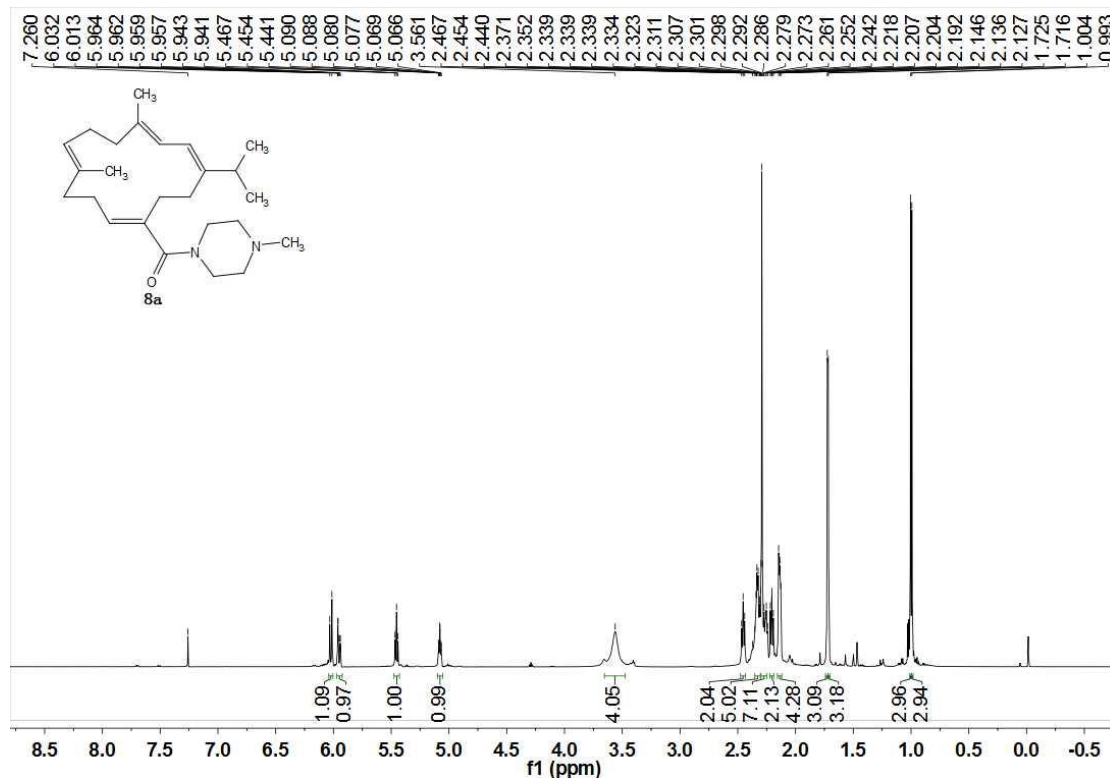


Figure S1. ¹H-NMR Spectrum for 8a (CDCl₃, 600 MHz).

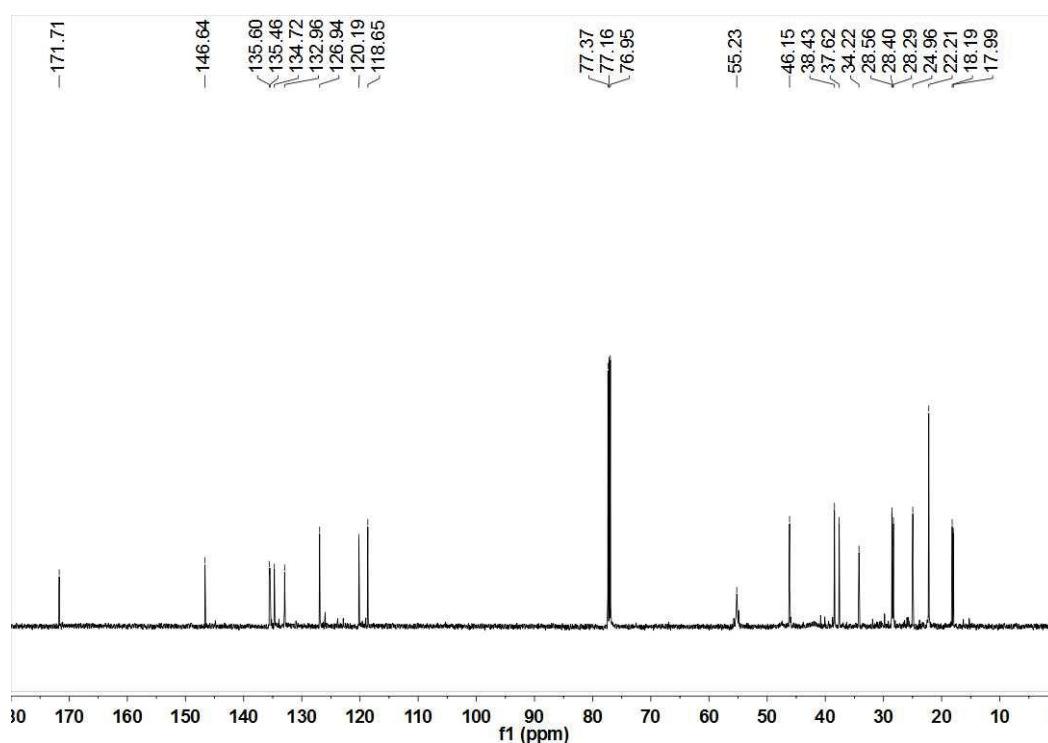


Figure S2. ¹³C-NMR Spectrum for 8a (CDCl₃, 150 MHz).

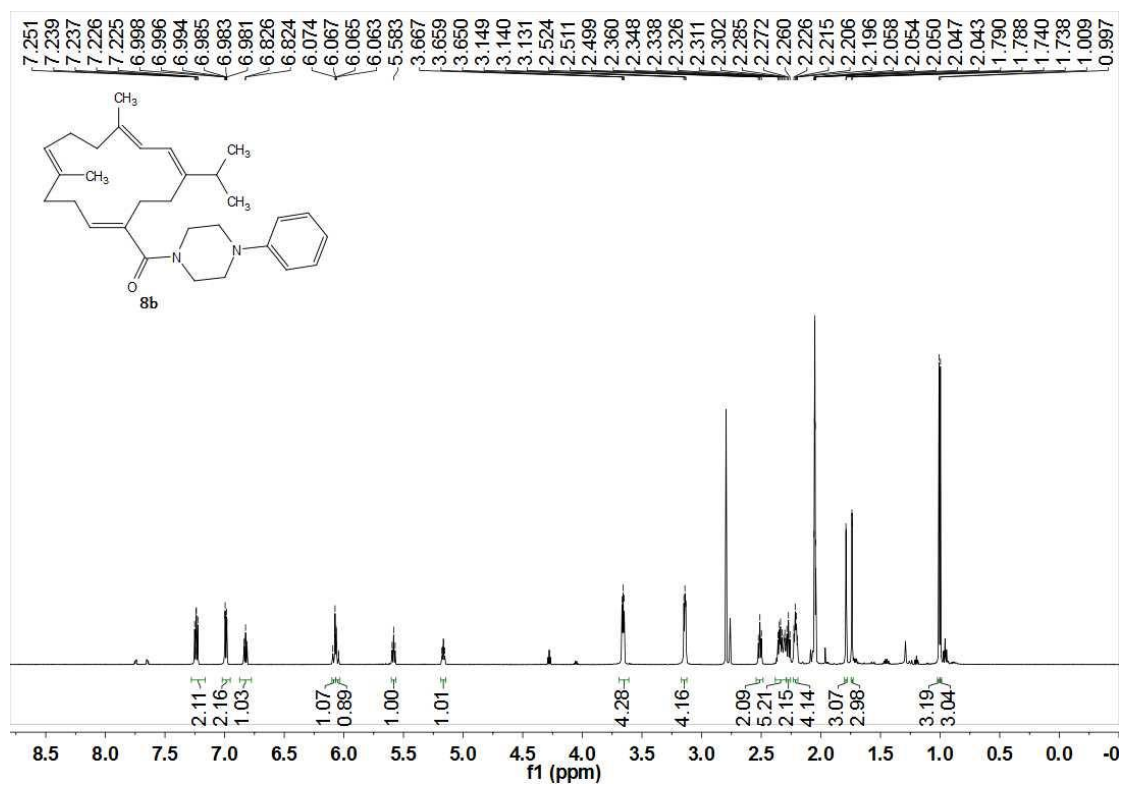


Figure S3. ¹H-NMR Spectrum for **8b** (CD₃COCD₃, 600 MHz).

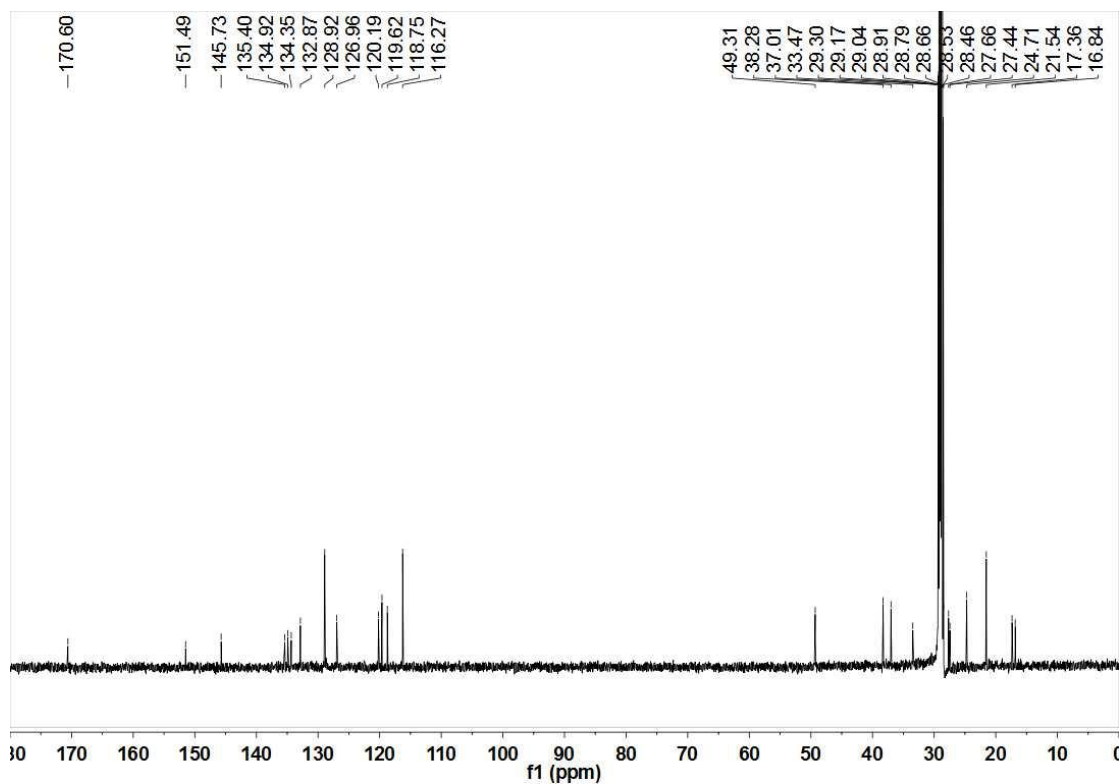


Figure S4. ¹³C-NMR Spectrum for **8b** (CD₃COCD₃, 150 MHz).

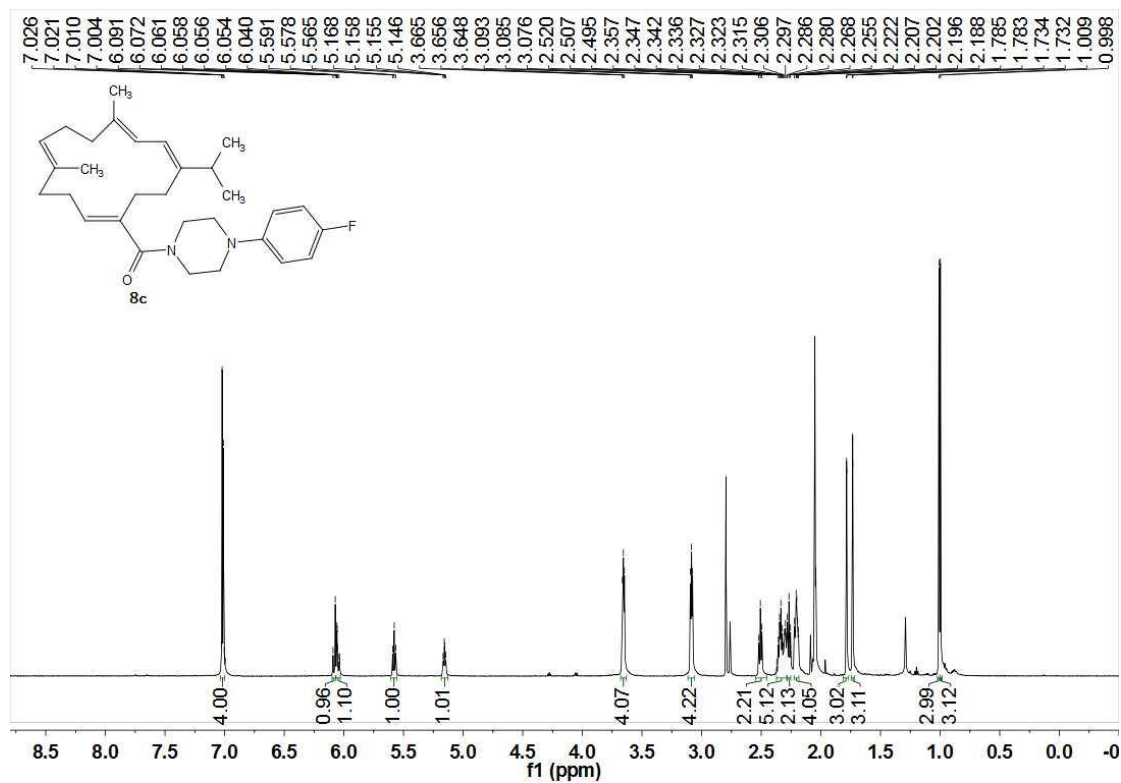


Figure S5. ¹H-NMR Spectrum for **8c** (CD₃COCD₃, 600 MHz).

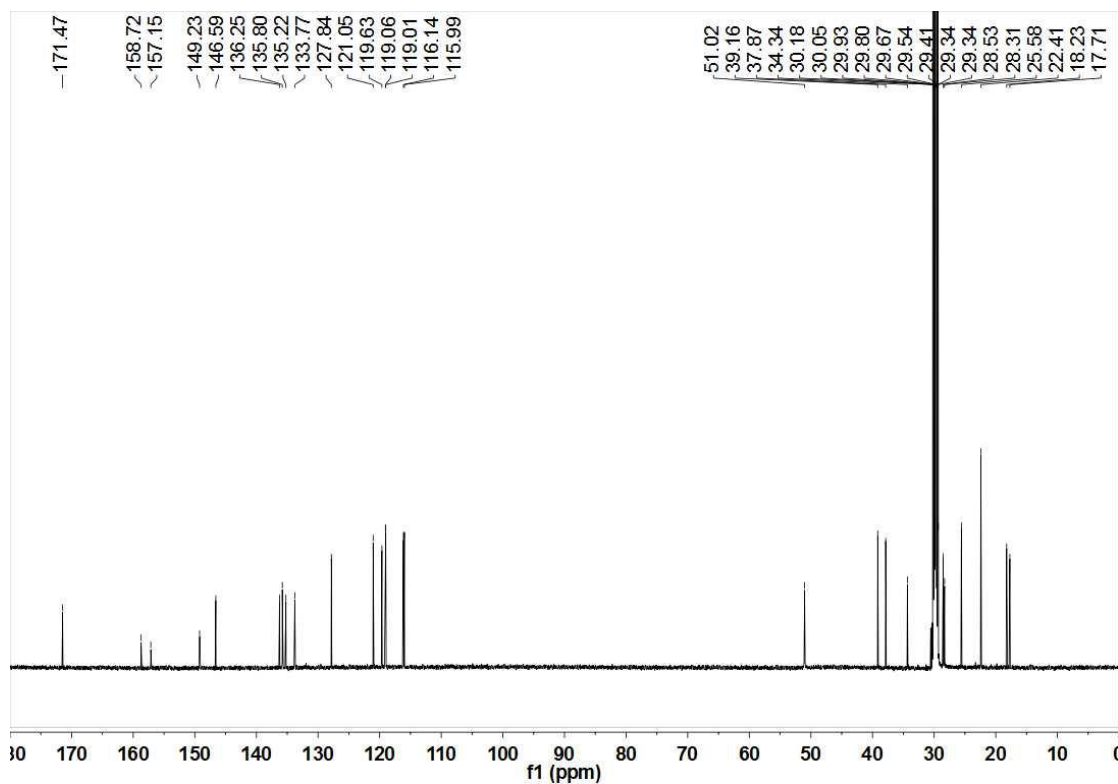
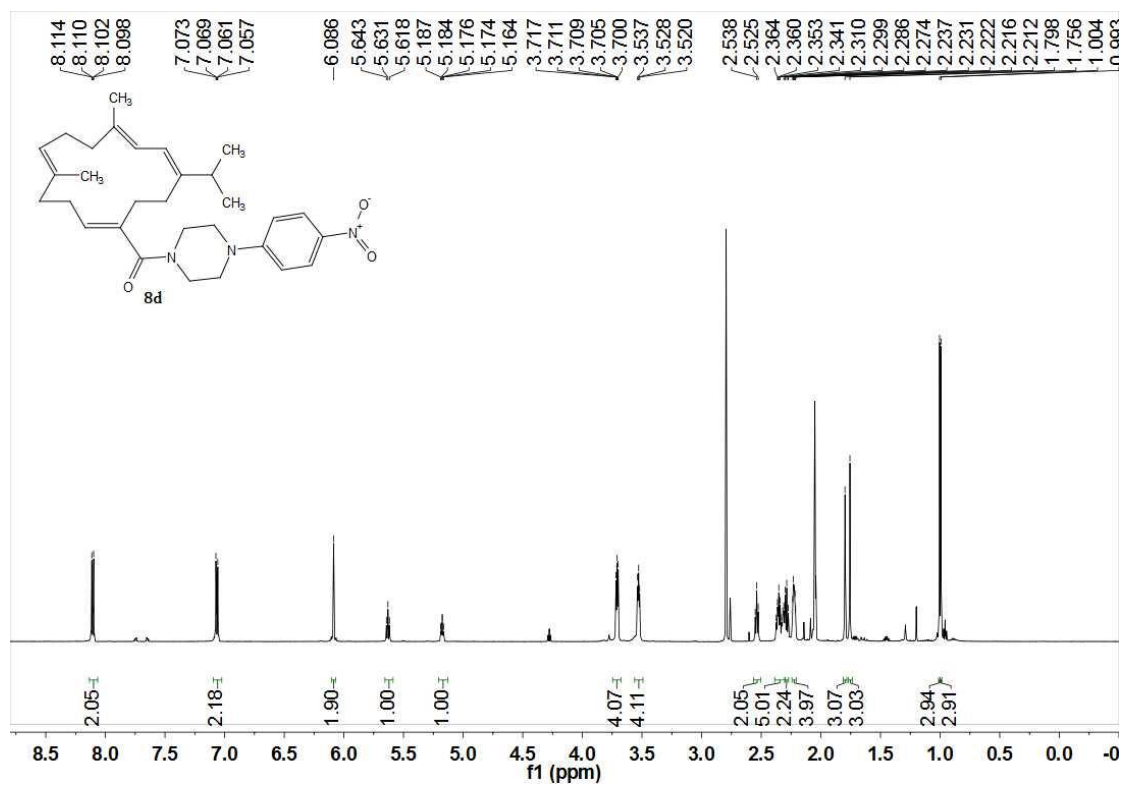
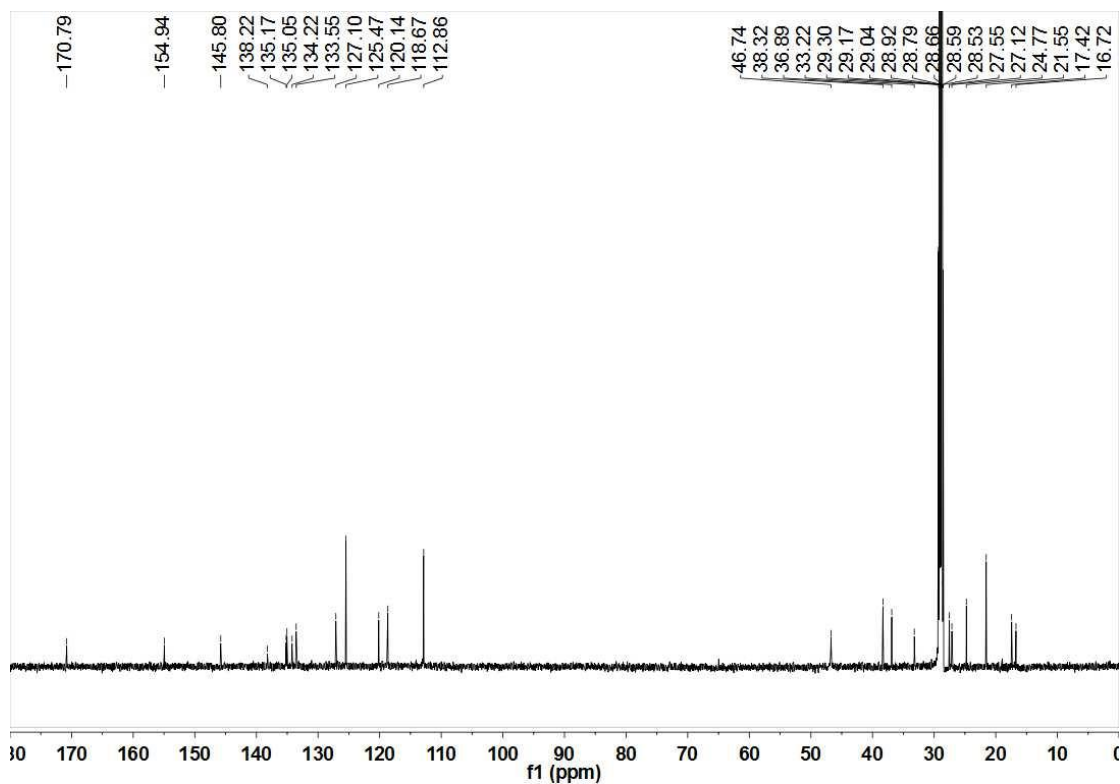
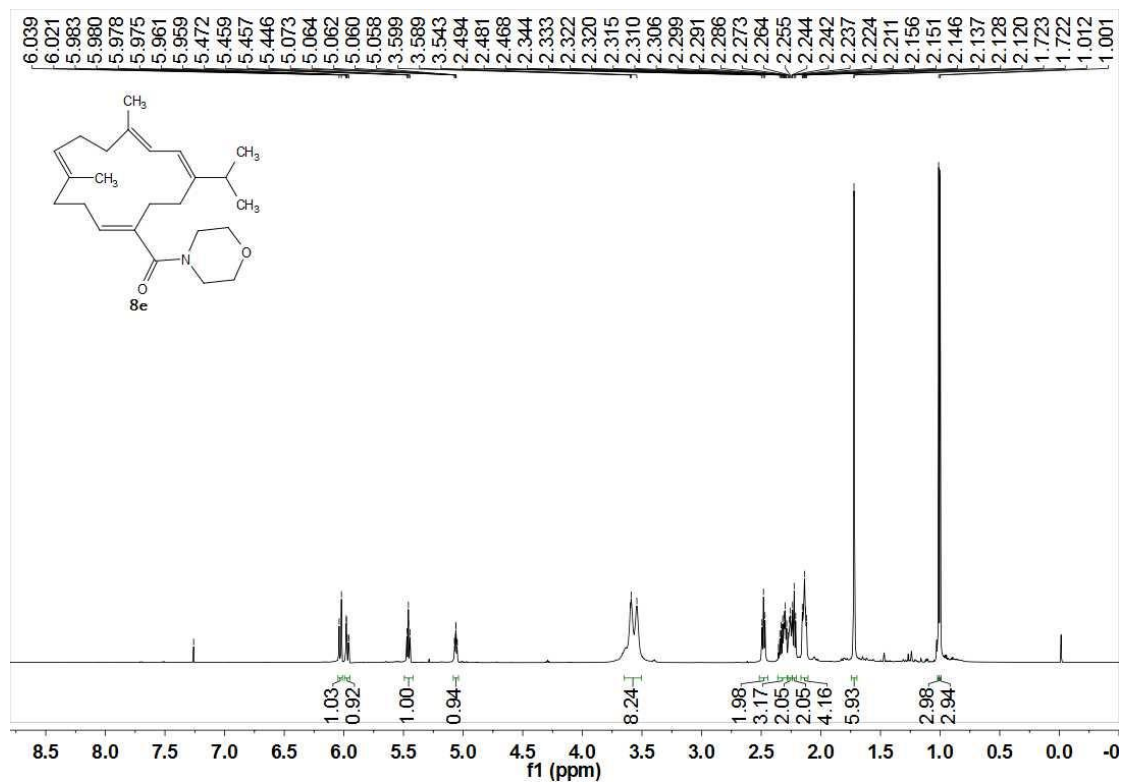
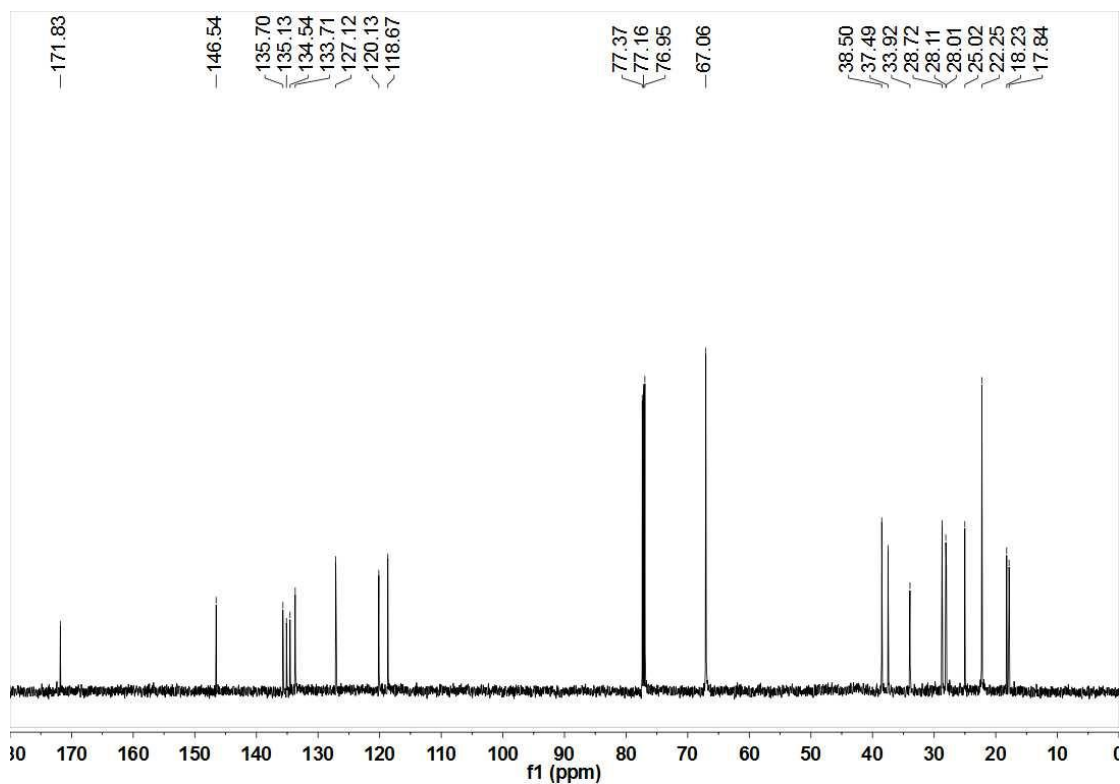


Figure S6. ¹³C-NMR Spectrum for **8c** (CD₃COCD₃, 150 MHz).

Figure S7. ¹H-NMR Spectrum for **8d** (CD₃COCD₃, 600 MHz).Figure S8. ¹³C-NMR Spectrum for **8d** (CD₃COCD₃, 150 MHz).

Figure S9. ¹H-NMR Spectrum for **8e** (CDCl₃, 600 MHz).Figure S10. ¹³C-NMR Spectrum for **8e** (CDCl₃, 150 MHz).

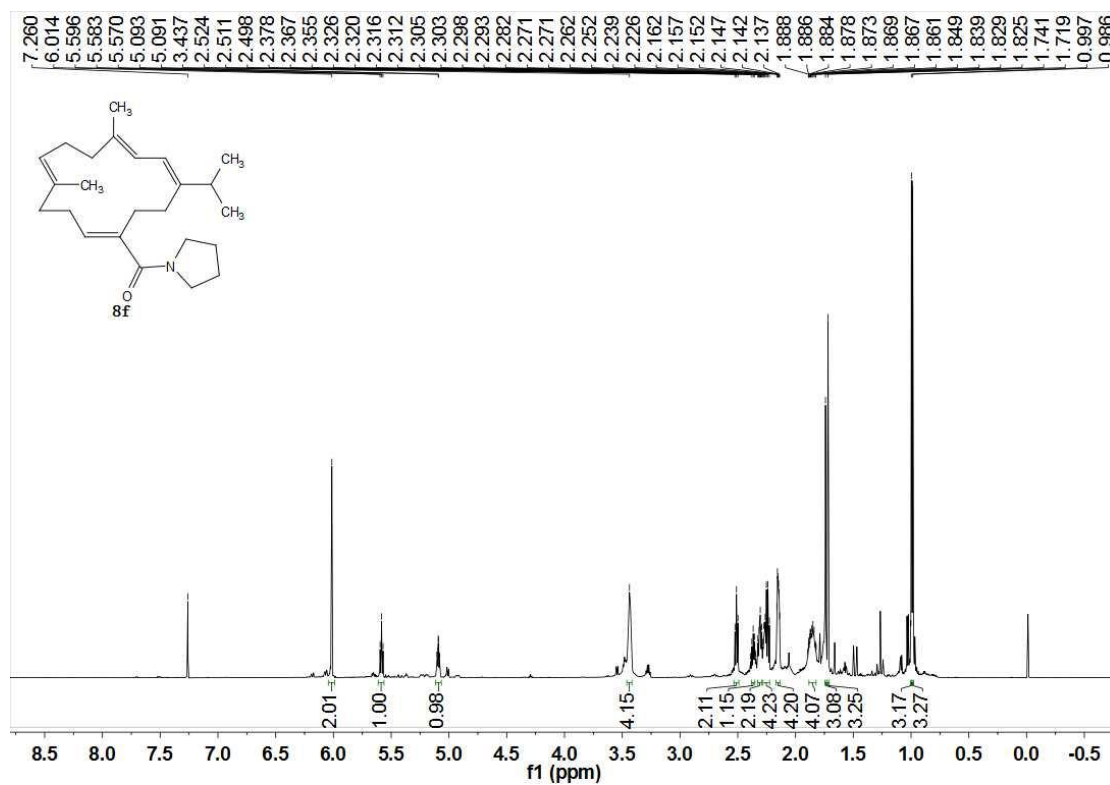


Figure S11. ¹H-NMR Spectrum for **8f** (CDCl₃, 600 MHz).

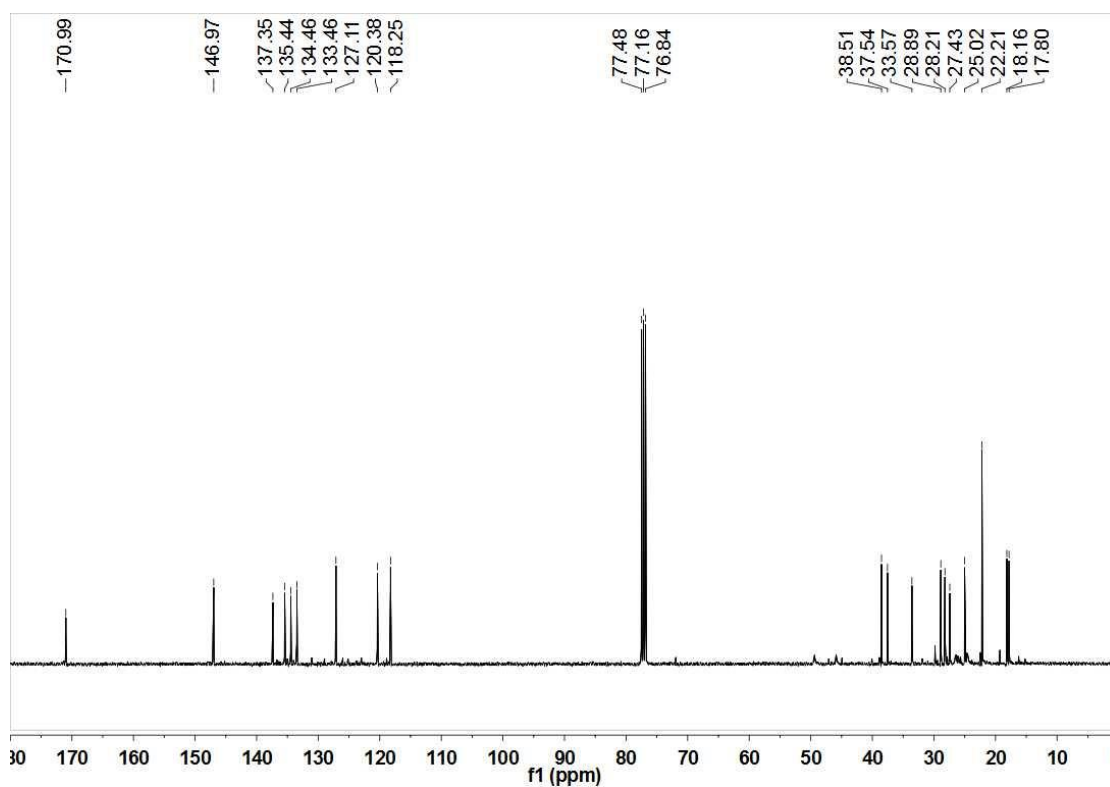
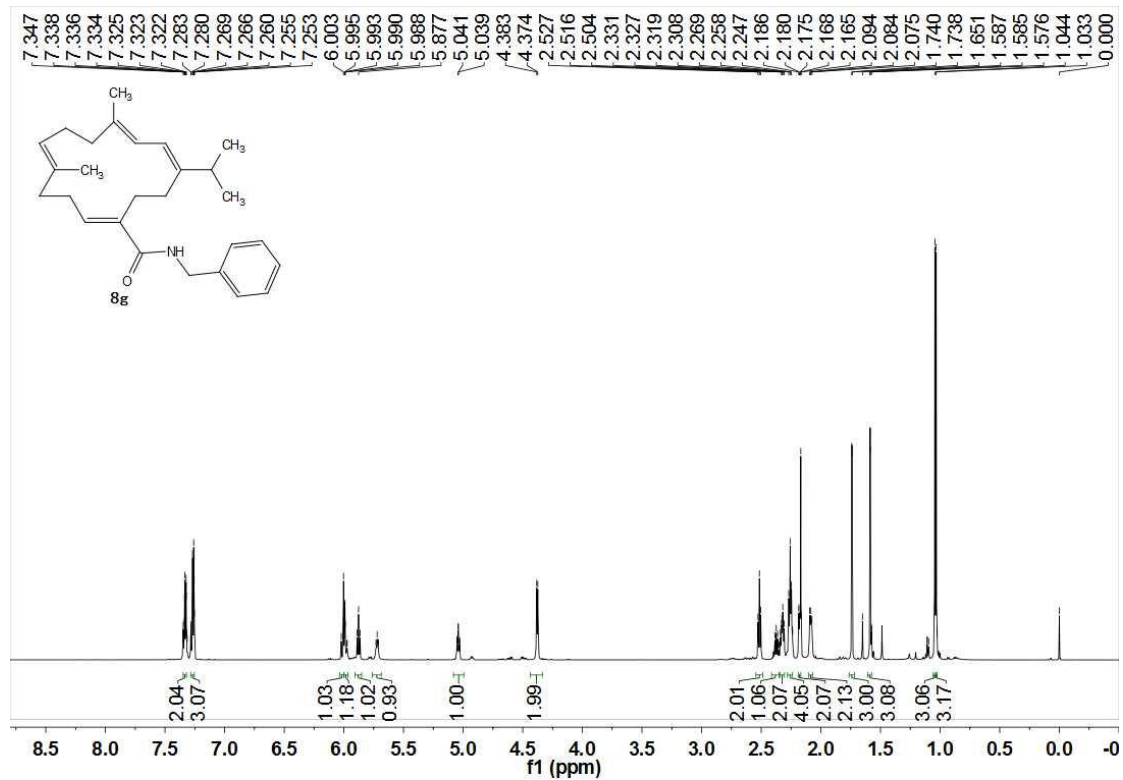
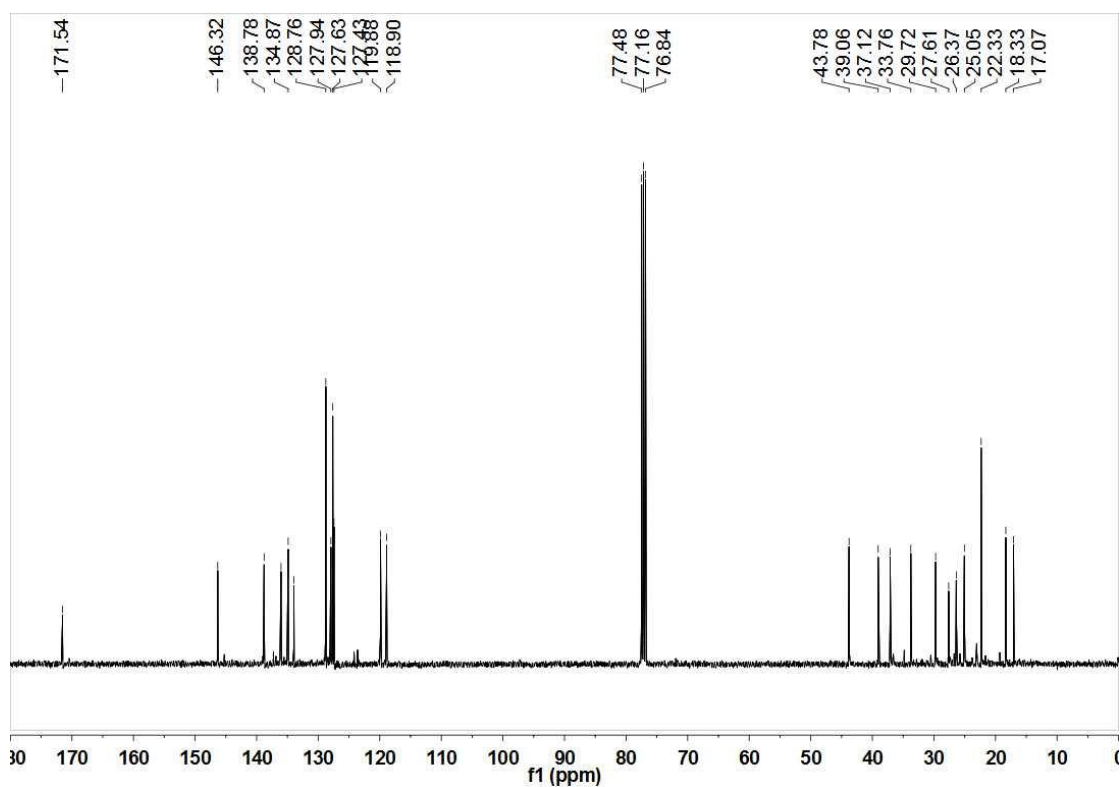
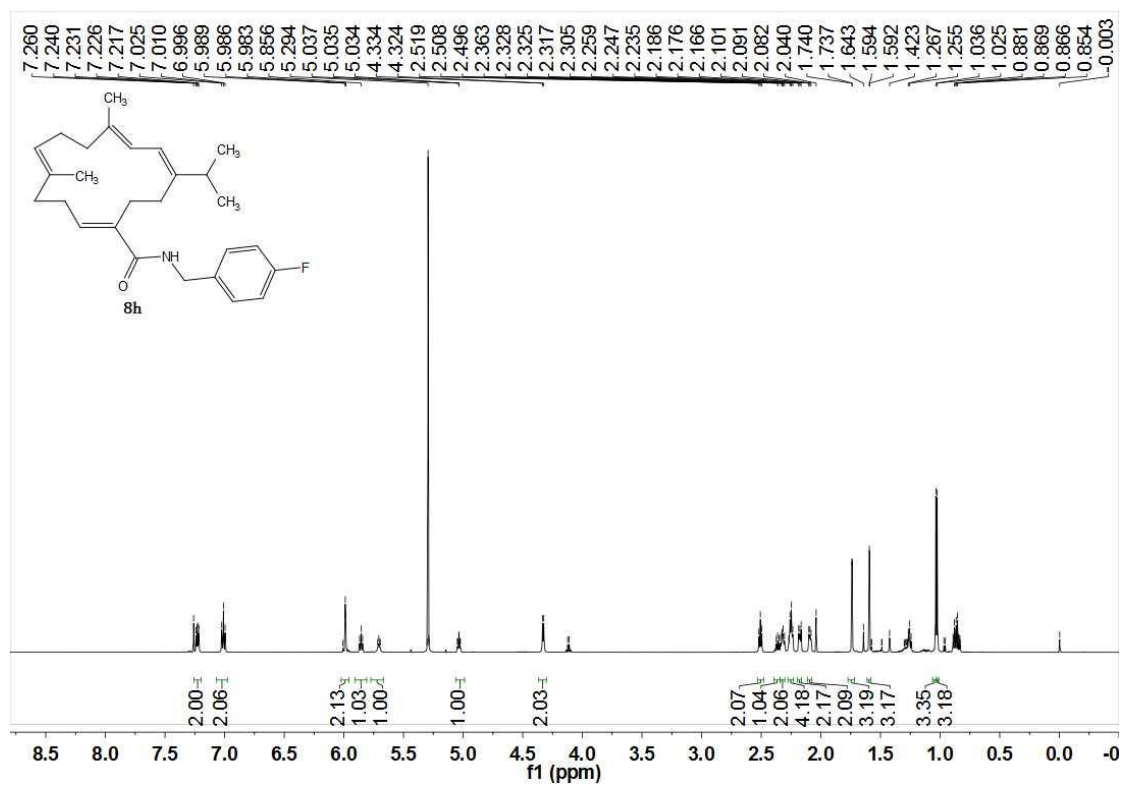
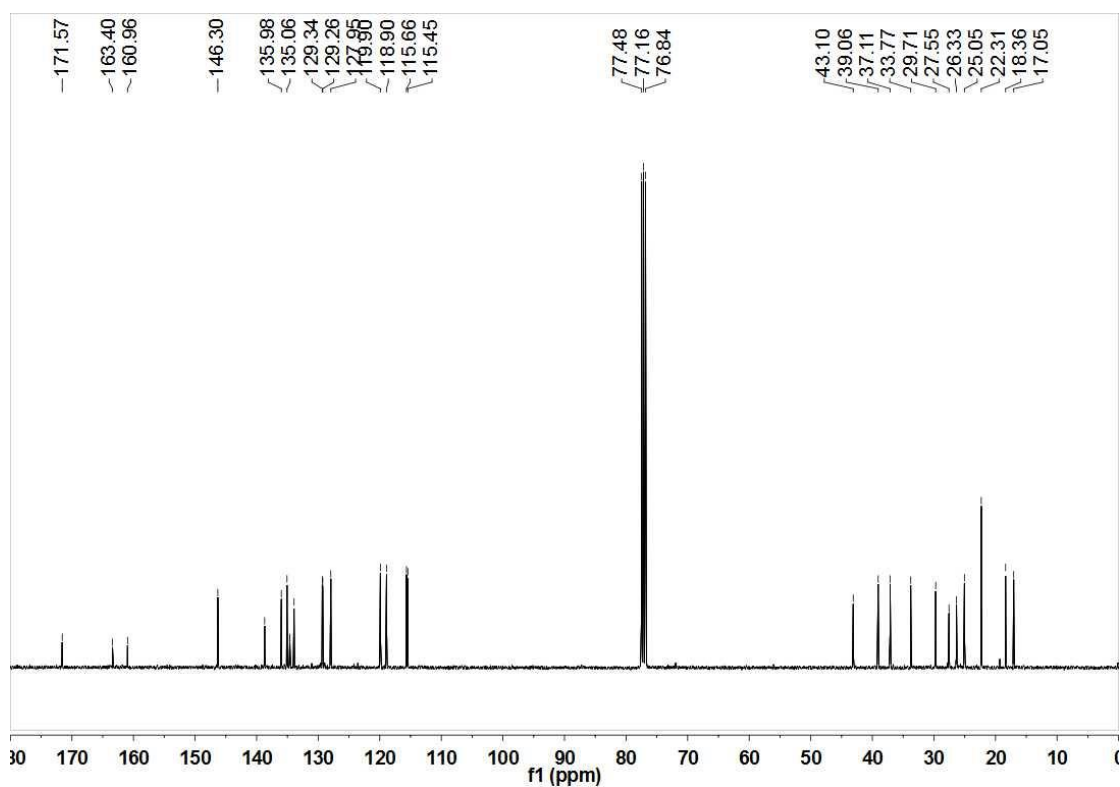
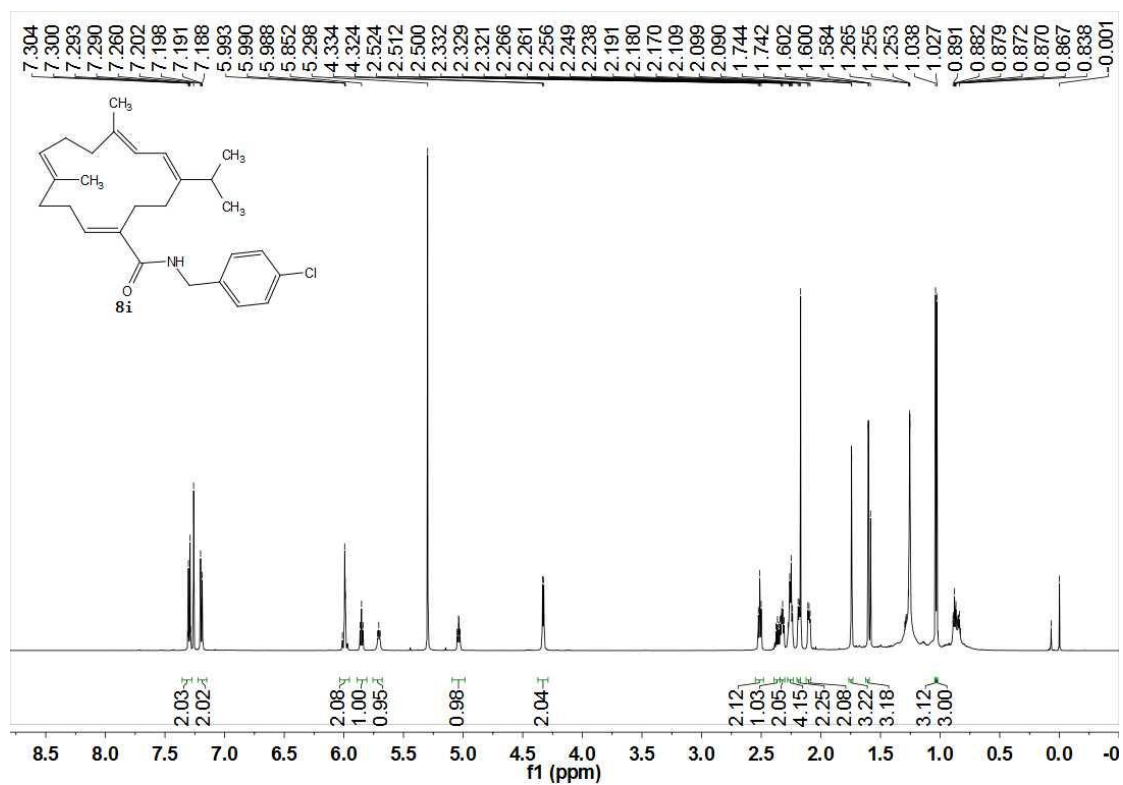
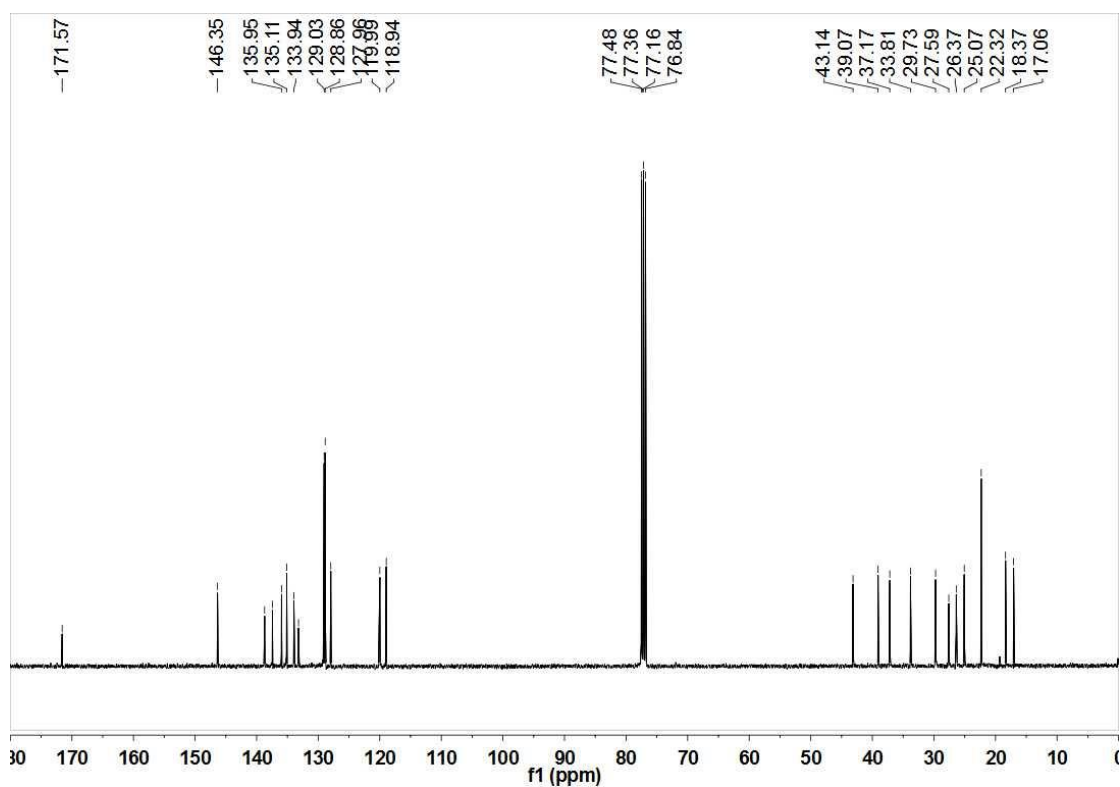
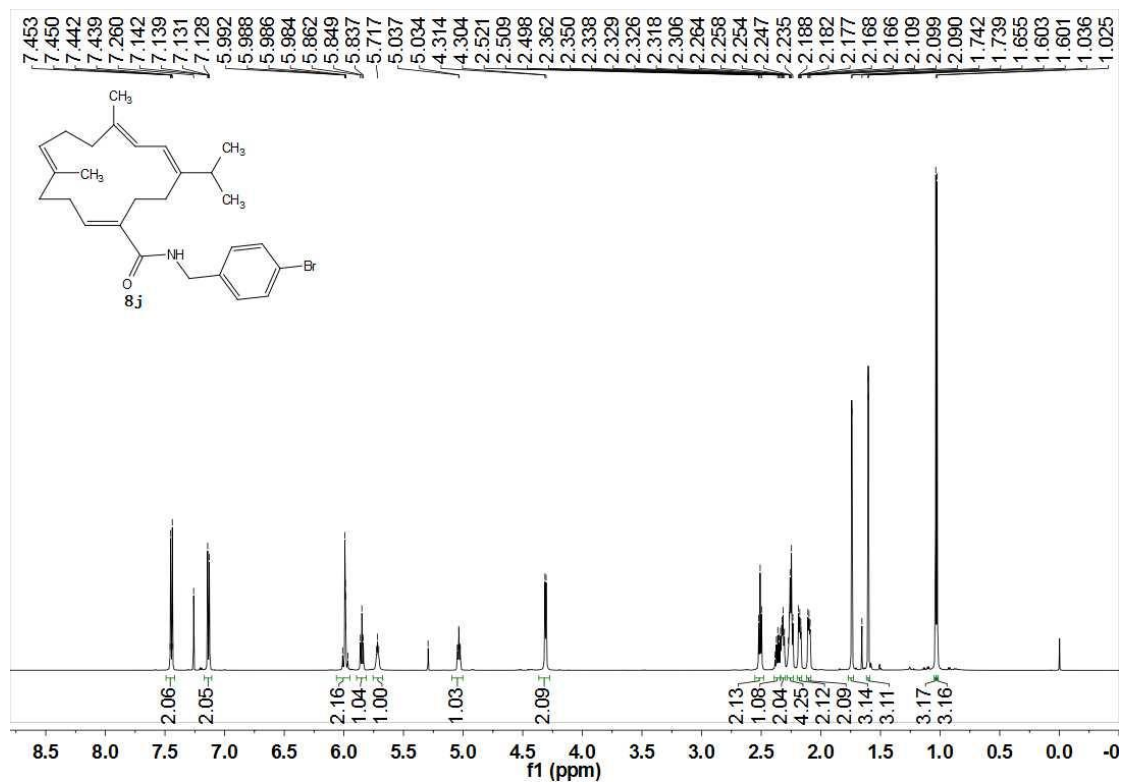
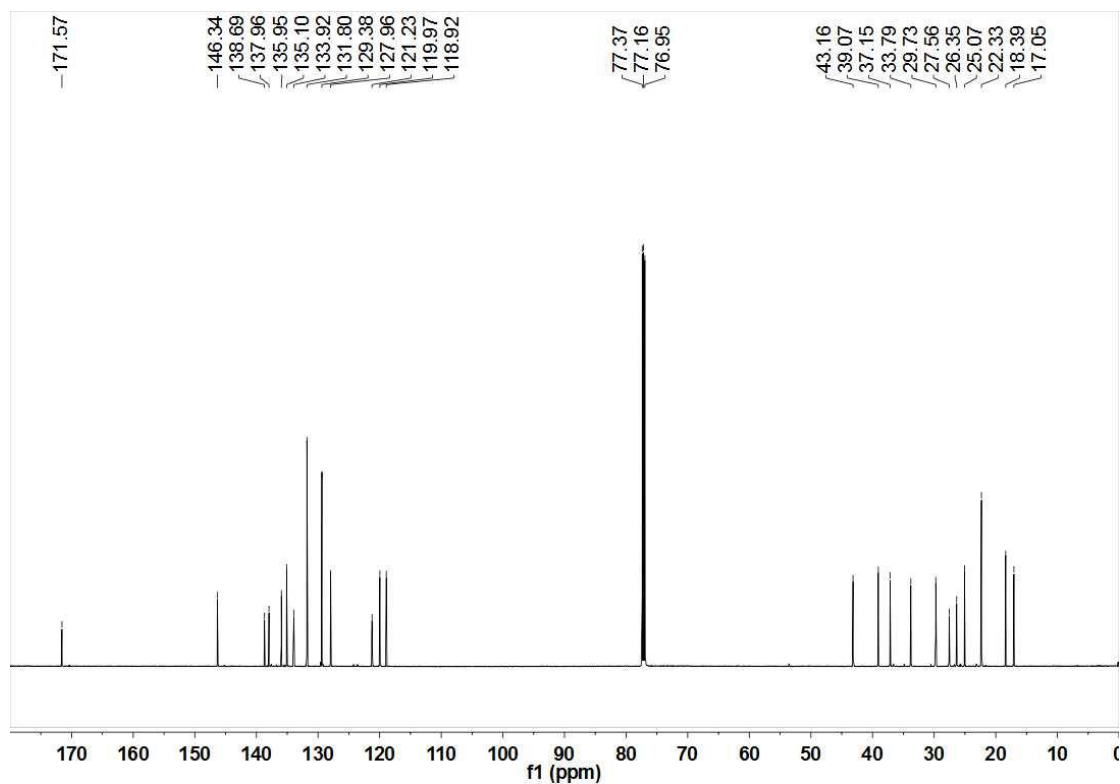


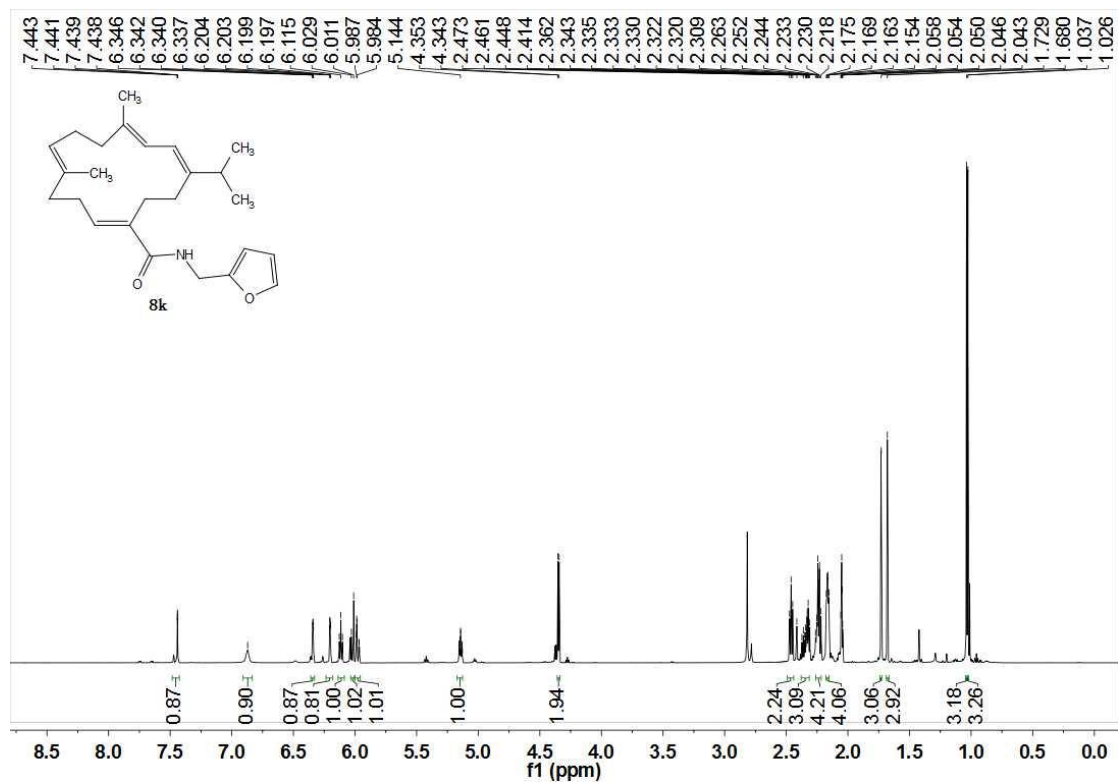
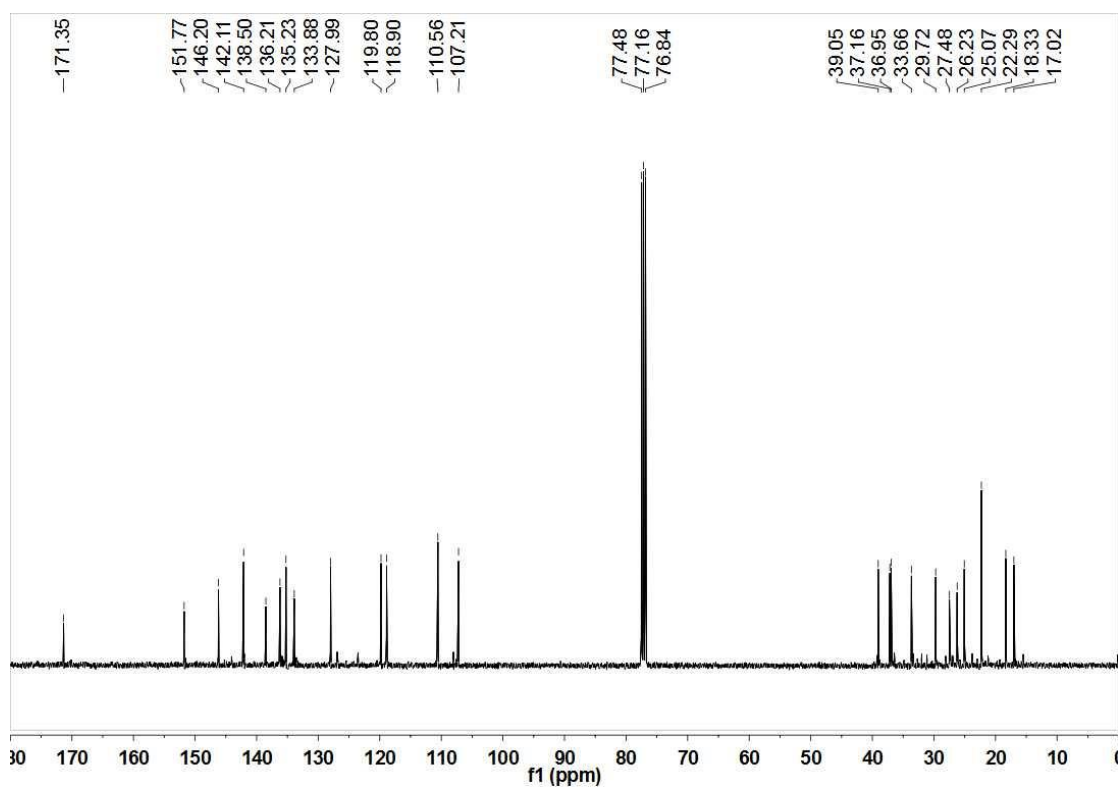
Figure S12. ¹³C-NMR Spectrum for **8f** (CDCl₃, 100 MHz).

Figure S13. ¹H-NMR Spectrum for 8g (CDCl₃, 600 MHz).Figure S14. ¹³C-NMR Spectrum for 8g (CDCl₃, 100 MHz).

Figure S15. ¹H-NMR Spectrum for **8h** (CDCl₃, 600 MHz).Figure S16. ¹³C-NMR Spectrum for **8h** (CDCl₃, 100 MHz).

Figure S17. ¹H-NMR Spectrum for **8i** (CDCl₃, 600 MHz).Figure S18. ¹³C-NMR Spectrum for **8i** (CDCl₃, 100 MHz).

Figure S19. ¹H-NMR Spectrum for **8j** (CDCl₃, 600 MHz).Figure S20. ¹³C-NMR Spectrum for **8j** (CDCl₃, 150 MHz).

Figure S21. ¹H-NMR Spectrum for **8k** (CD₃COCD₃, 600 MHz).Figure S22. ¹³C-NMR Spectrum for **8k** (CDCl₃, 100 MHz).

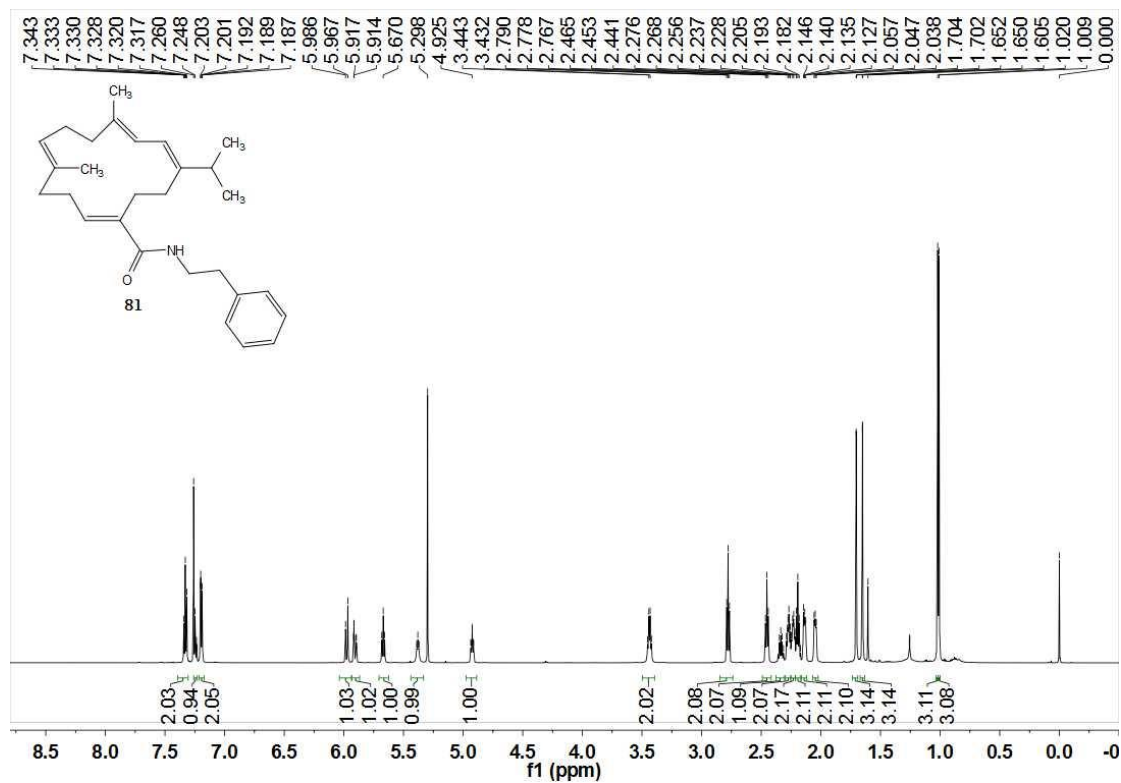


Figure S23. ^1H -NMR Spectrum for **81** (CDCl_3 , 600 MHz).

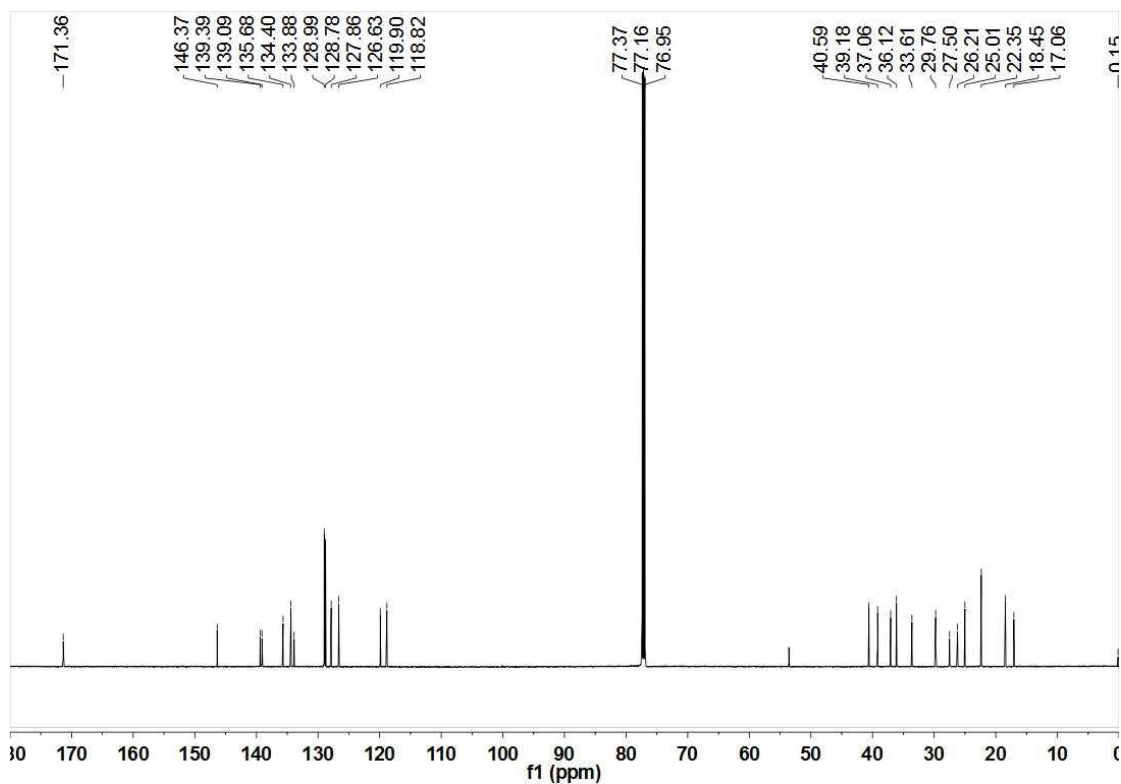
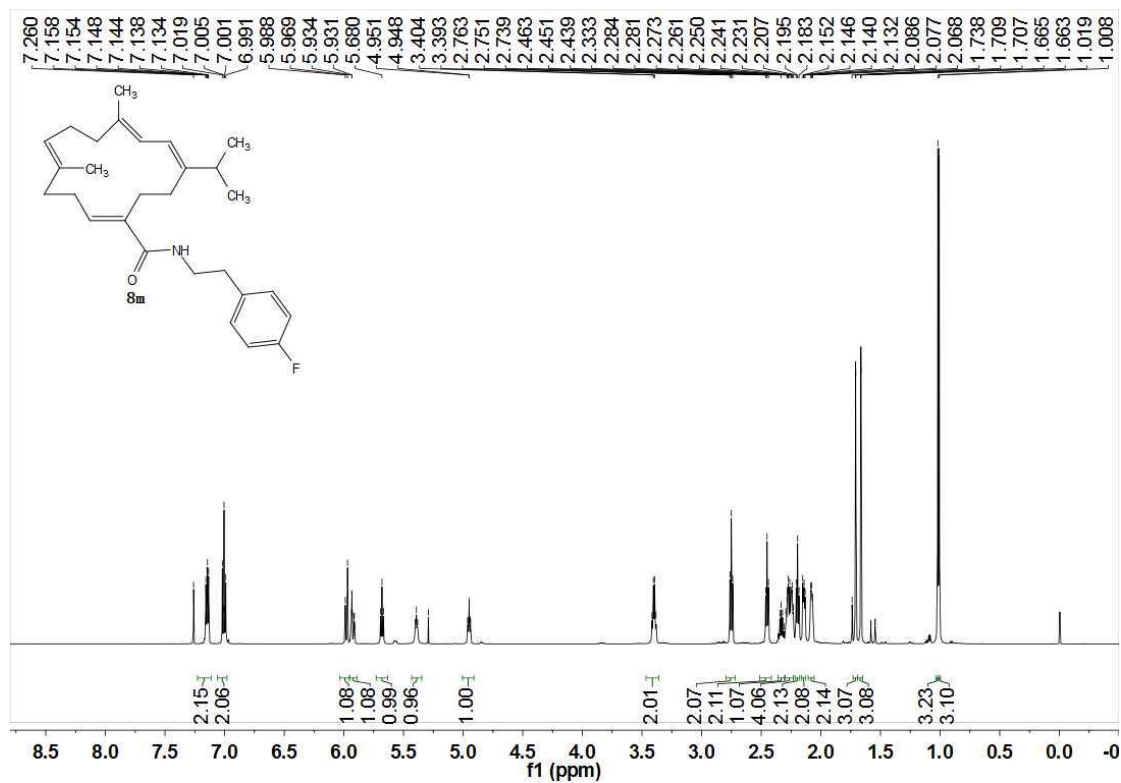
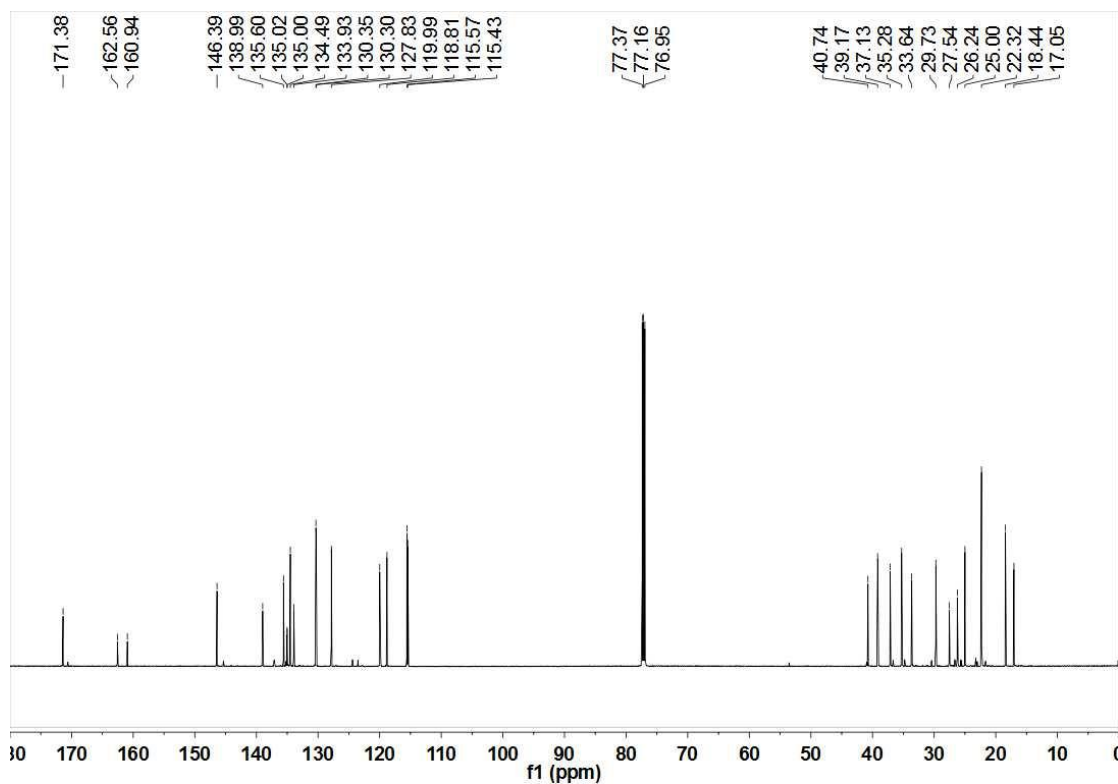
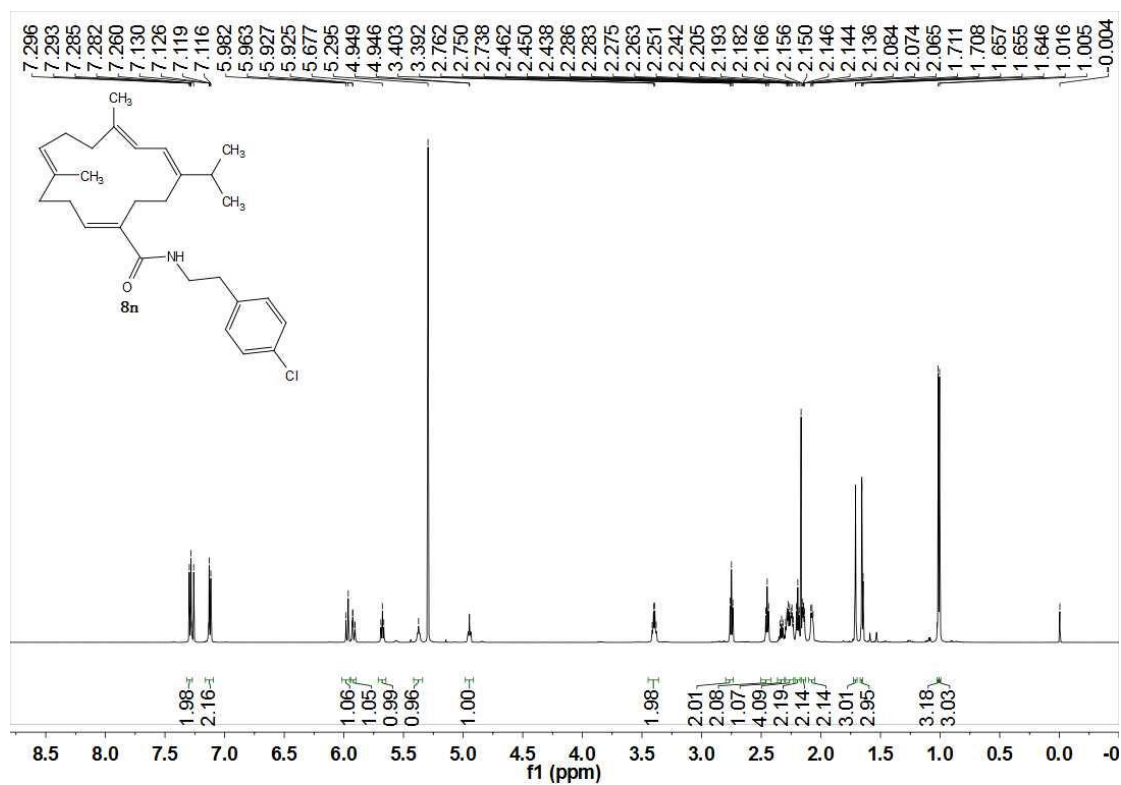
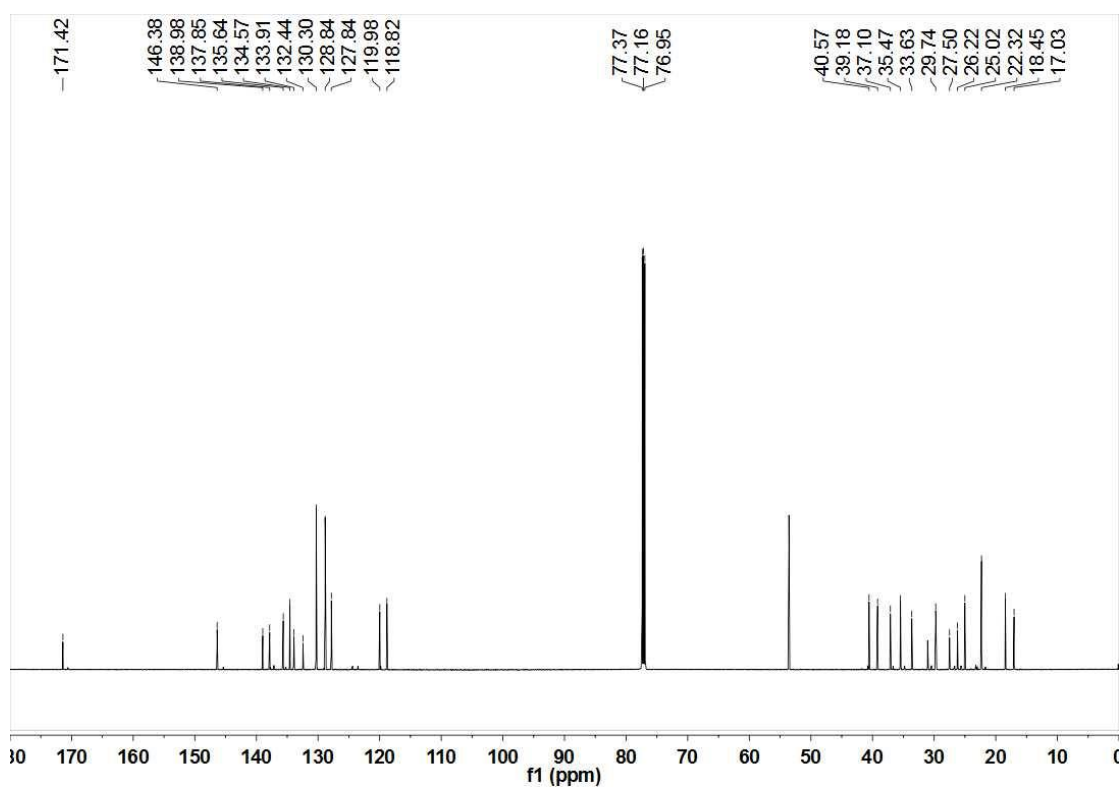
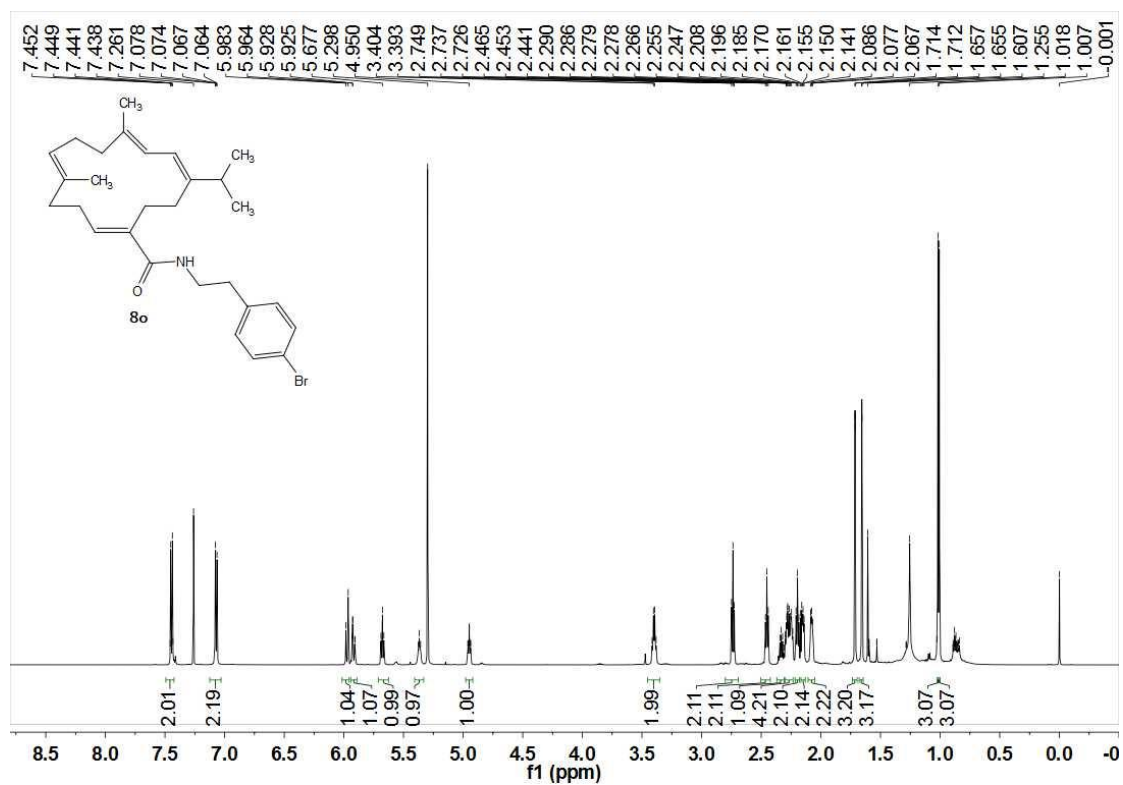
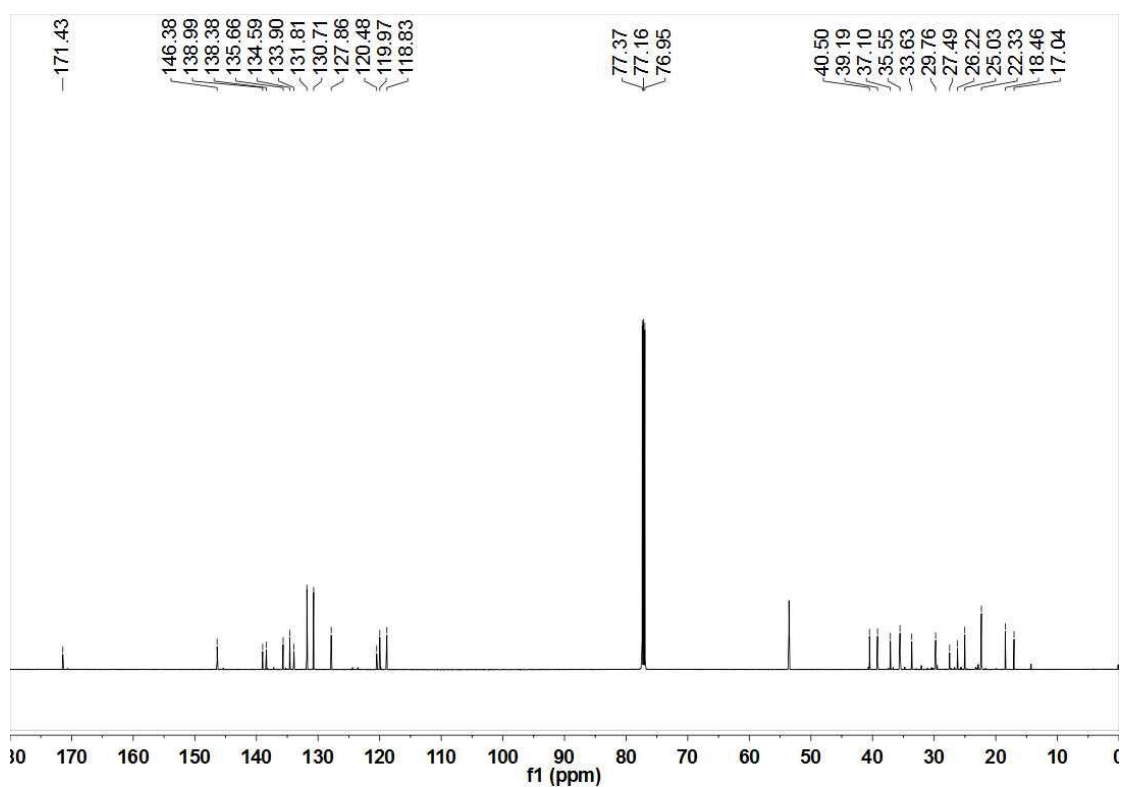
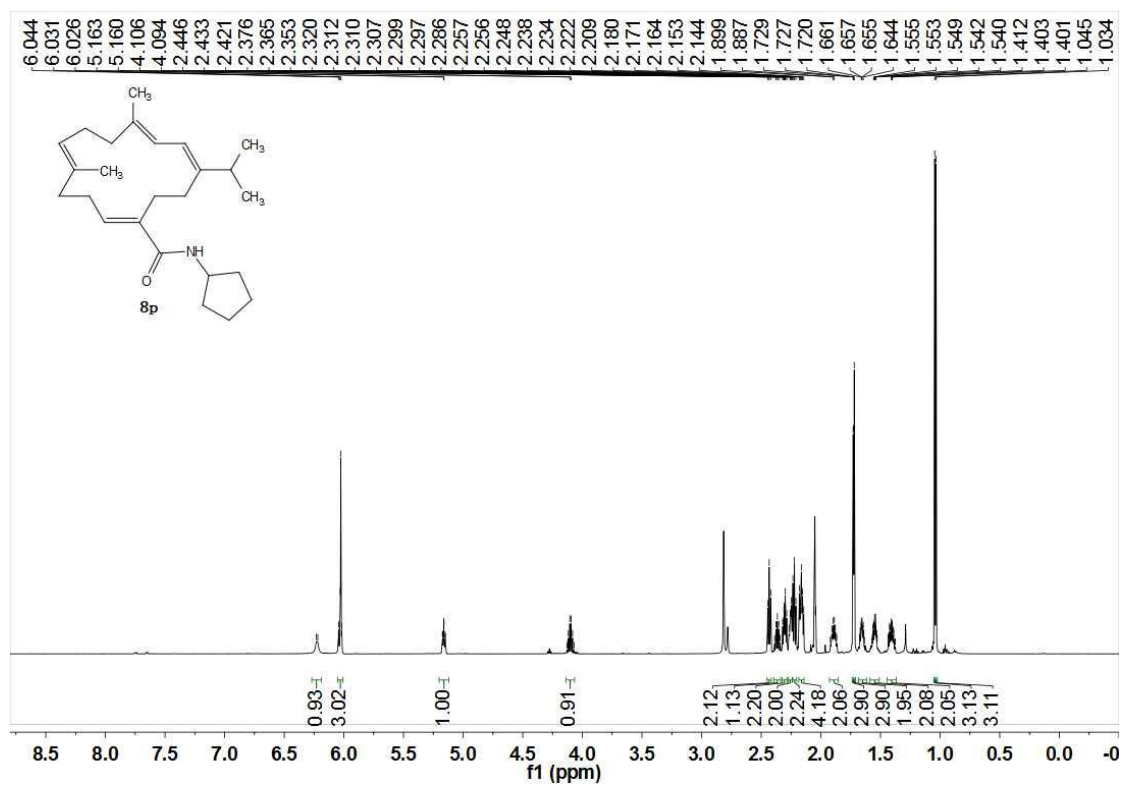
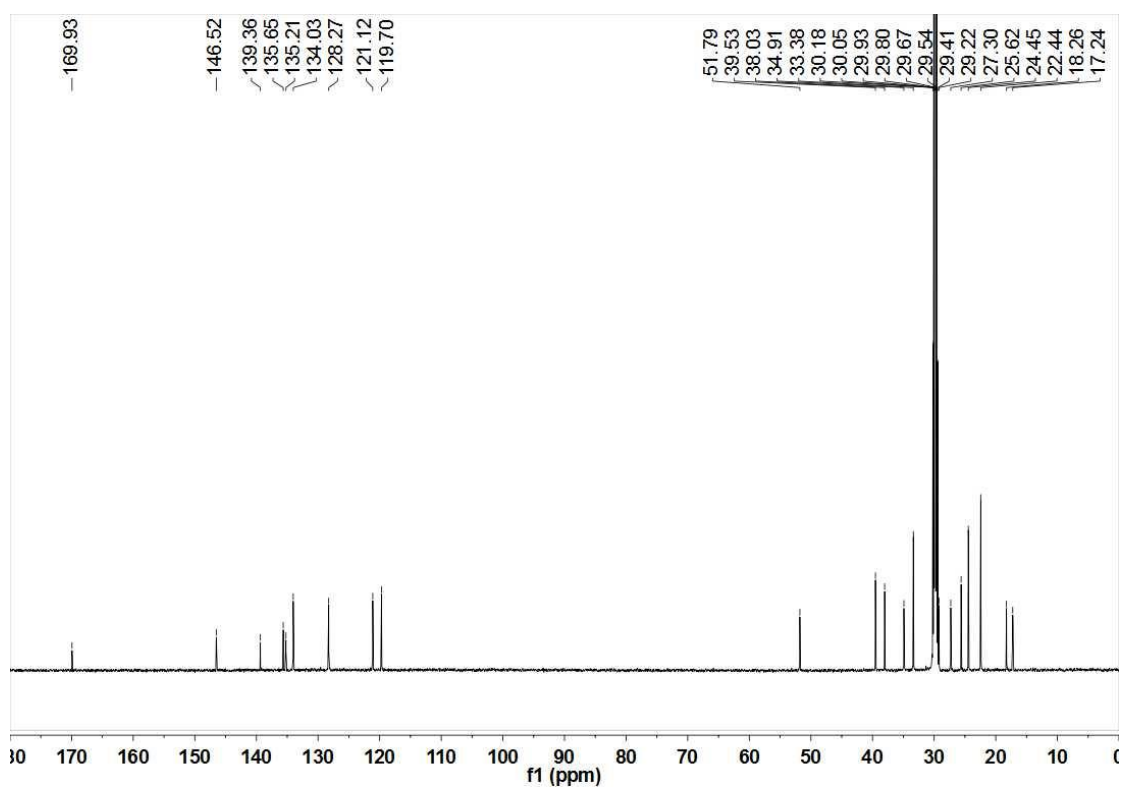


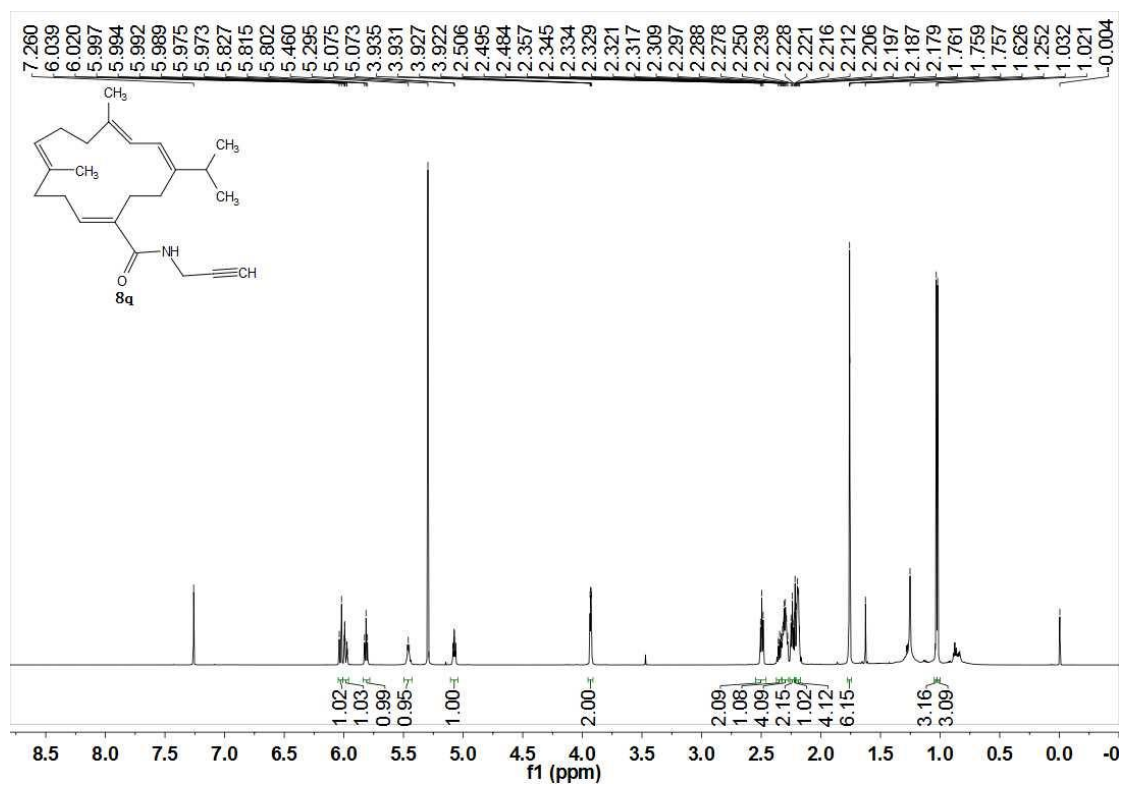
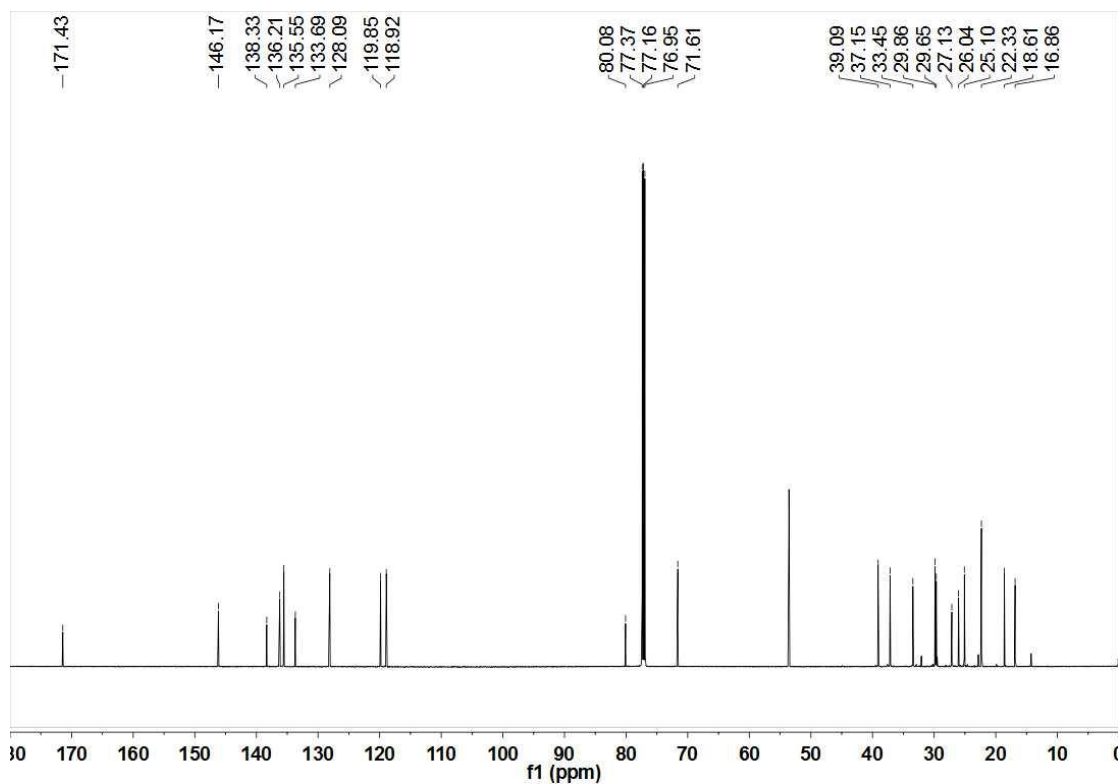
Figure S24. ^{13}C -NMR Spectrum for **81** (CDCl_3 , 150 MHz).

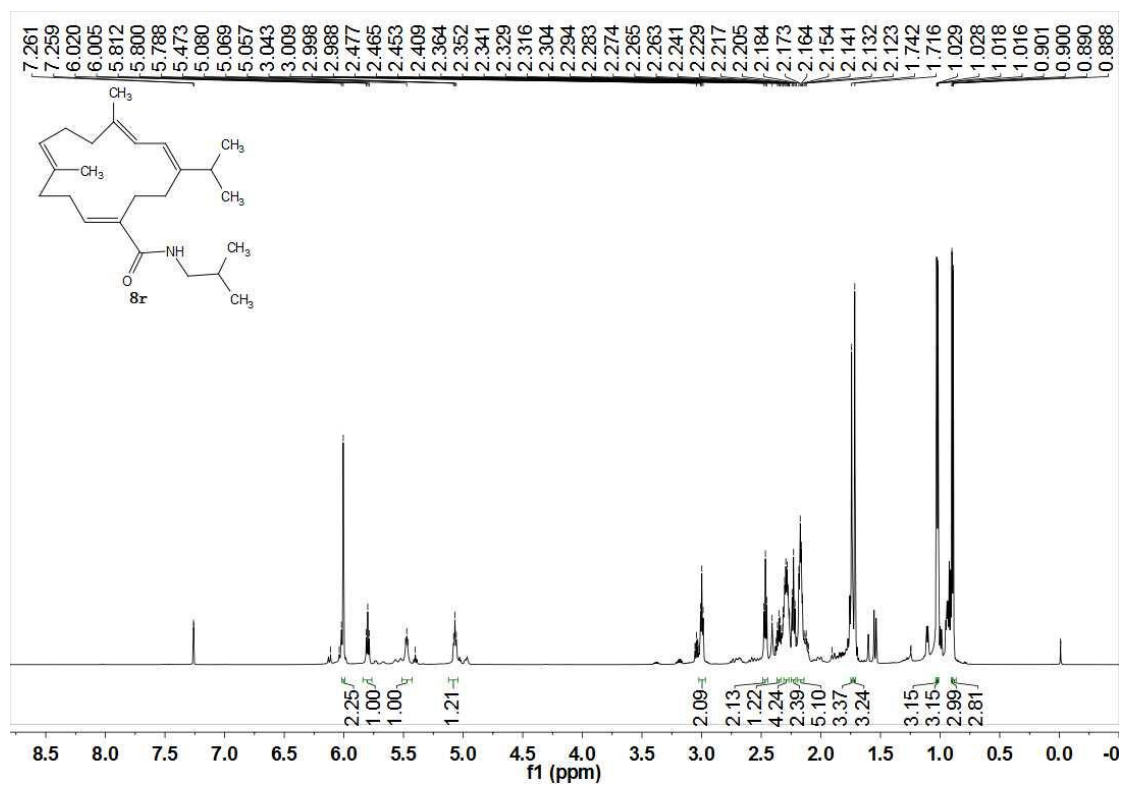
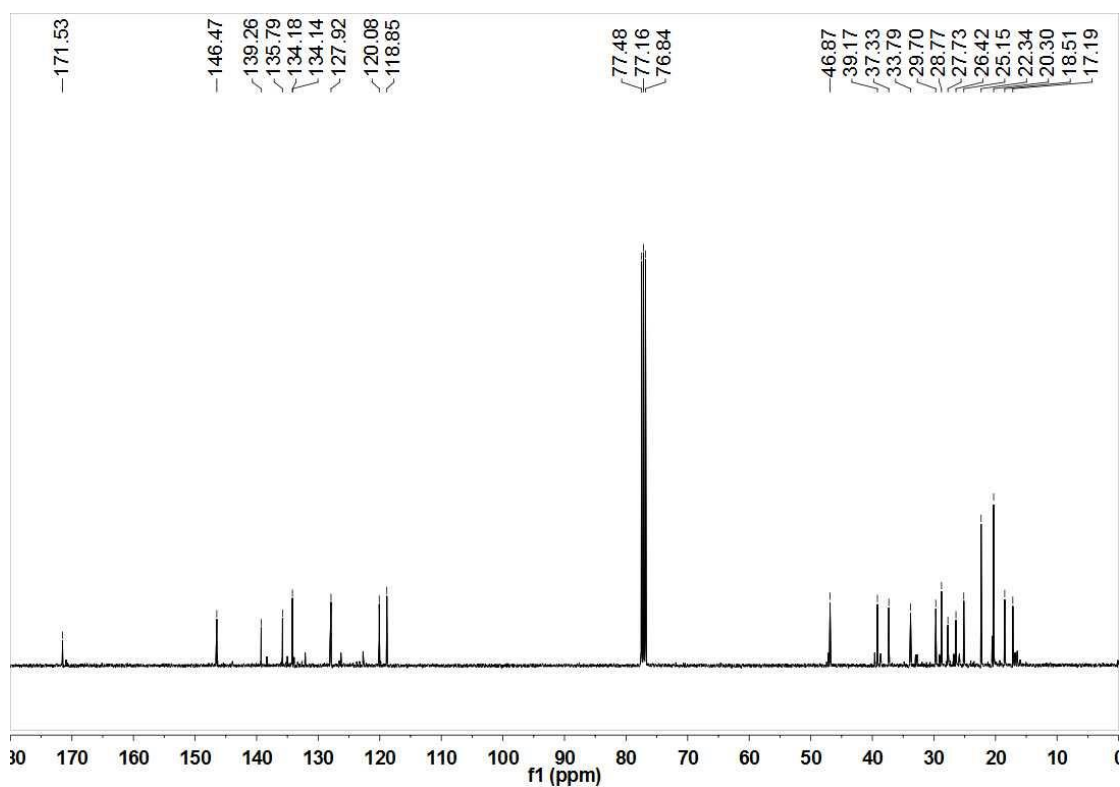
Figure S25. ¹H-NMR Spectrum for **8m** (CDCl₃, 600 MHz).Figure S26. ¹³C-NMR Spectrum for **8m** (CDCl₃, 150 MHz).

Figure S27. ¹H-NMR Spectrum for **8n** (CDCl₃, 600 MHz).Figure S28. ¹³C-NMR Spectrum for **8n** (CDCl₃, 150 MHz).

Figure S29. ¹H-NMR Spectrum for **8o** (CDCl₃, 600 MHz).Figure S30. ¹³C-NMR Spectrum for **8o** (CDCl₃, 150 MHz).

Figure S31. ¹H-NMR Spectrum for **8p** (CD₃COCD₃, 600 MHz).Figure S32. ¹³C-NMR Spectrum for **8p** (CD₃COCD₃, 150 MHz).

Figure S33. ¹H-NMR Spectrum for **8q** (CDCl₃, 600 MHz).Figure S34. ¹³C-NMR Spectrum for **8q** (CDCl₃, 150 MHz).

Figure S35. ¹H-NMR Spectrum for **8r** (CDCl₃, 600 MHz).Figure S36. ¹³C-NMR Spectrum for **8r** (CDCl₃, 100 MHz).