

Supplementary Materials: Synthesis and Evaluation of New Benzodioxole-Based Thiosemicarbazone Derivatives as Potential Antitumor Agents

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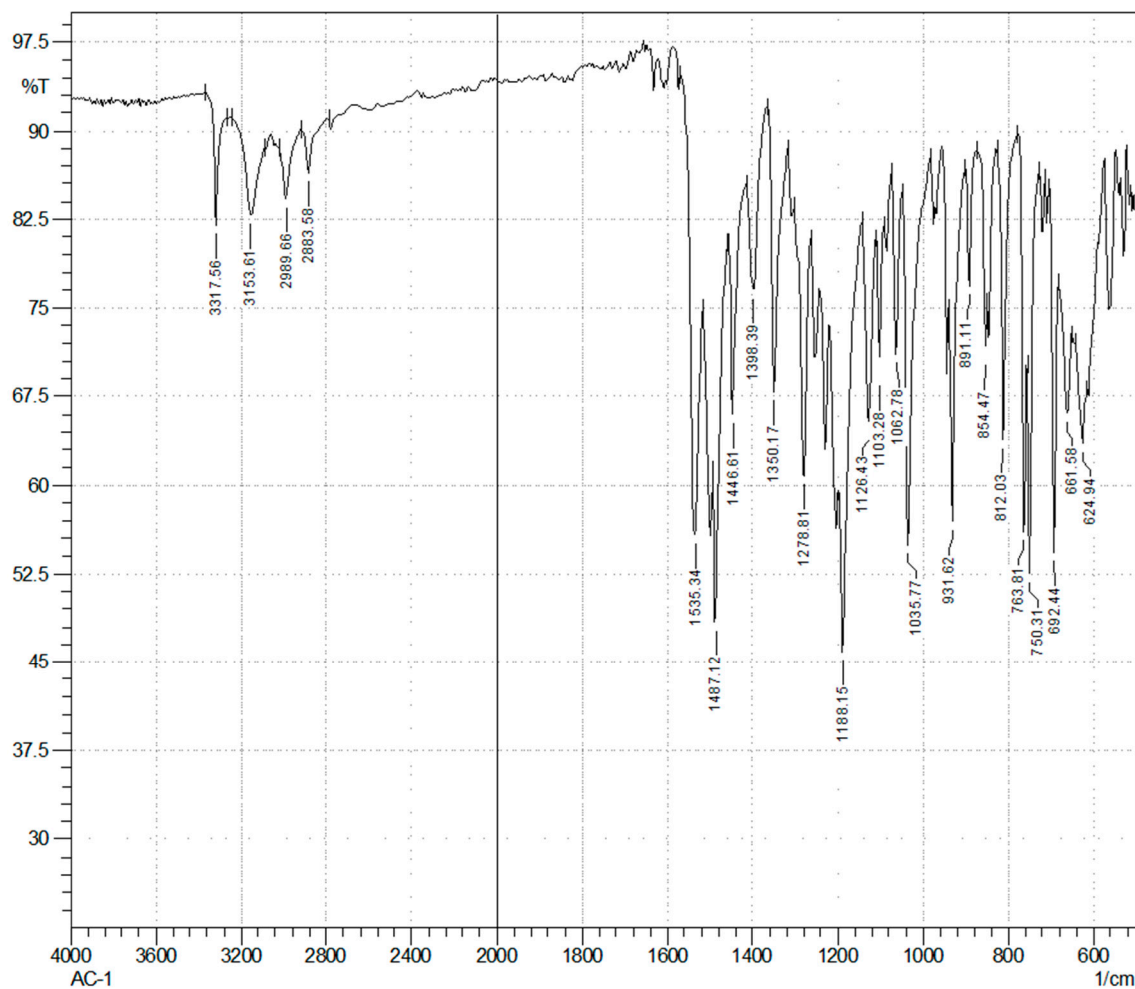


Figure S1. IR Spectrum of Compound 1.

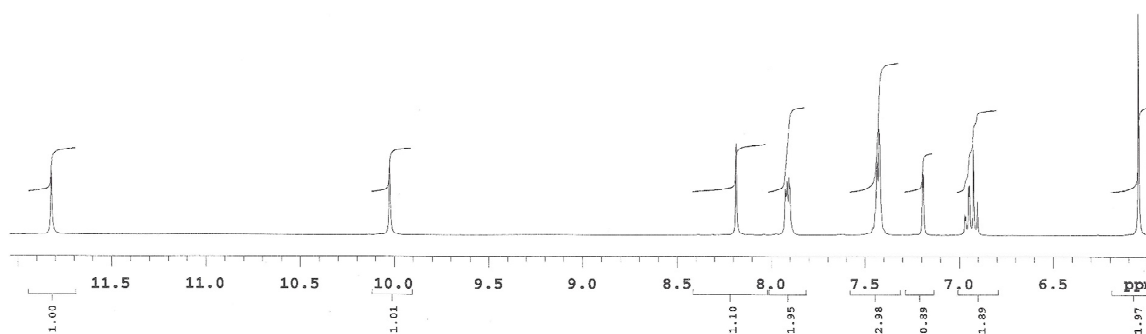


Figure S2. ¹H-NMR Spectrum of Compound 1 (6.5–11.5 ppm).

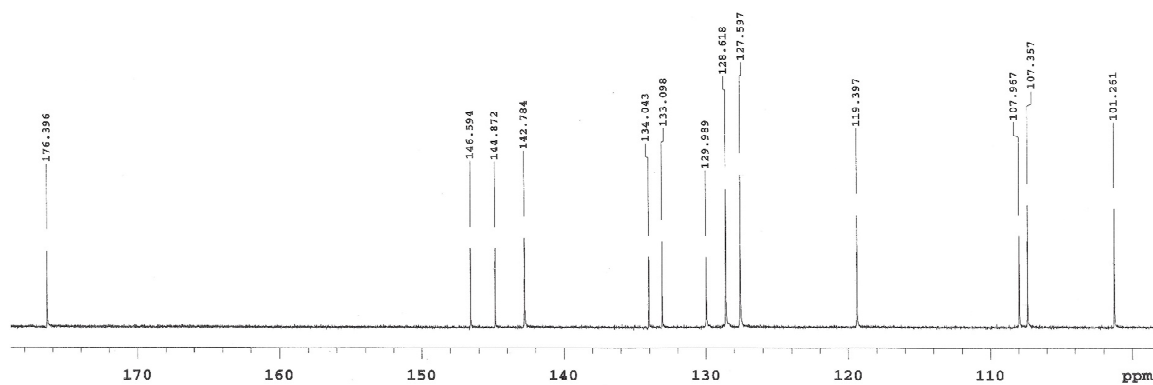


Figure S3. ¹³C-NMR Spectrum of Compound 1 (101–176 ppm).

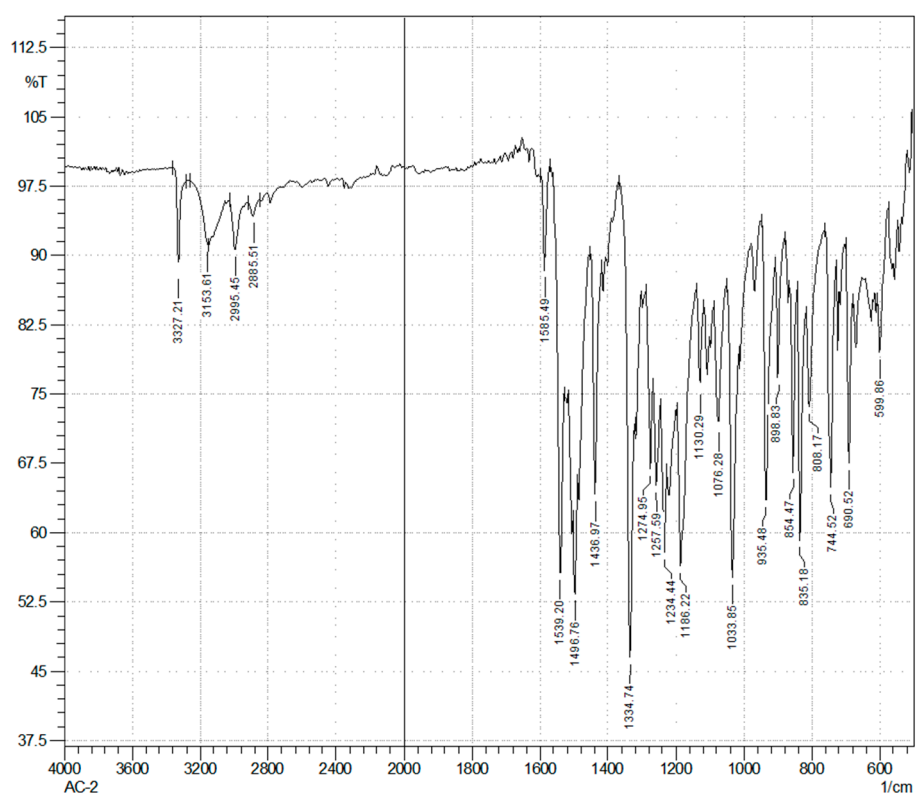


Figure S4. IR Spectrum of Compound 2.

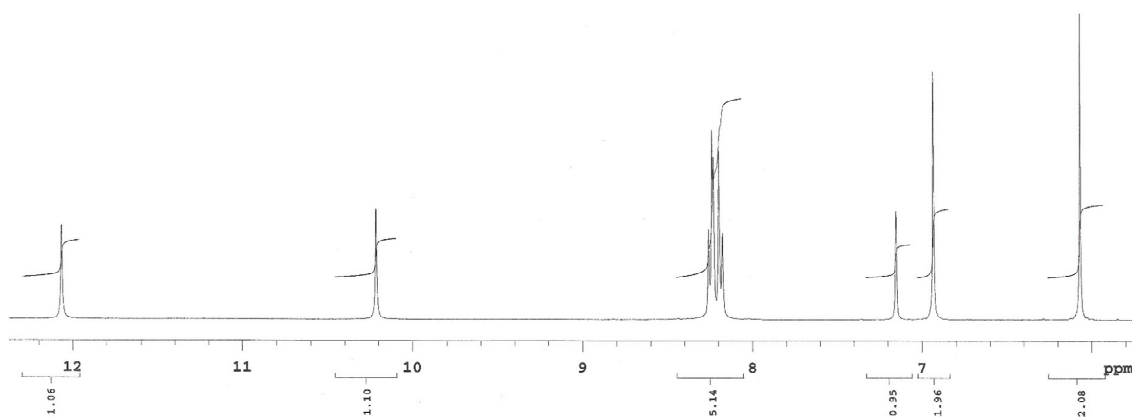


Figure S5. ¹H-NMR Spectrum of Compound 2 (35–44 ppm).

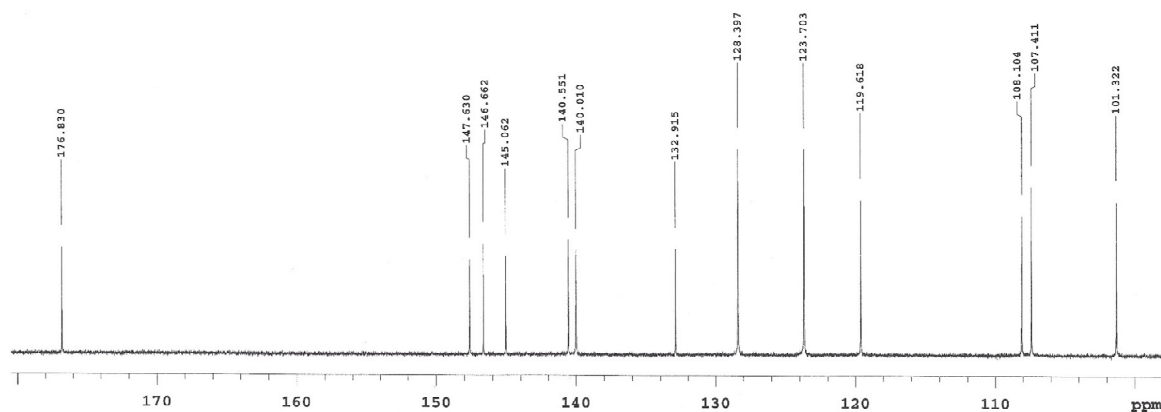


Figure S6. ^{13}C -NMR Spectrum of Compound 2 (110–170 ppm).

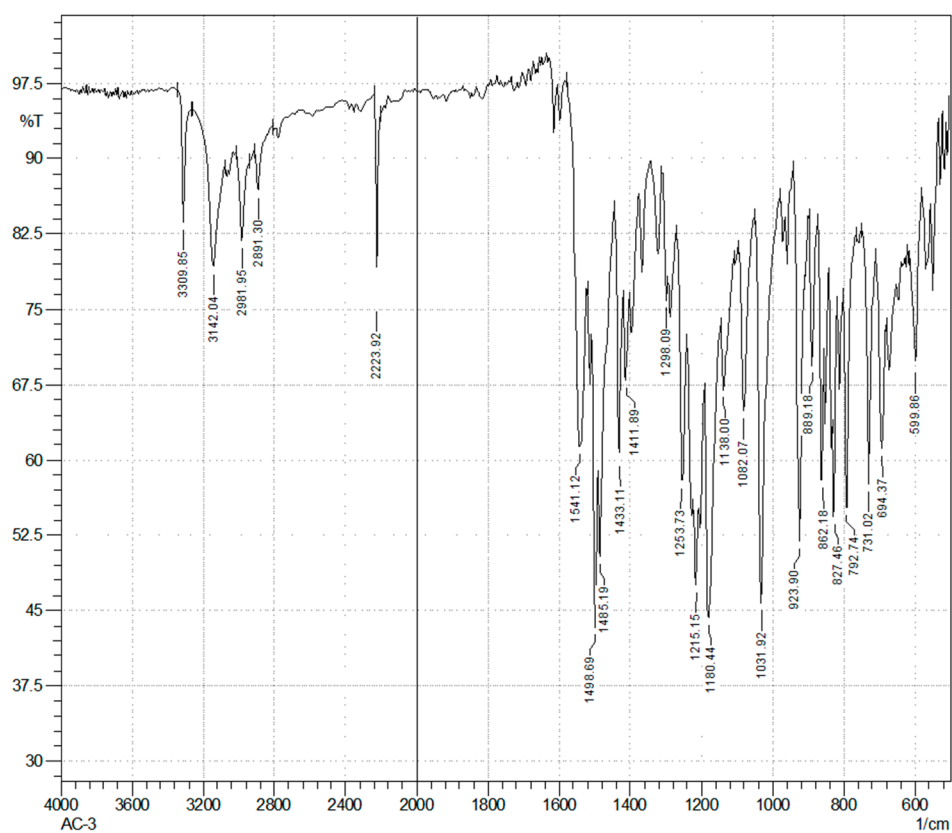


Figure S7. IR Spectrum of Compound 3.

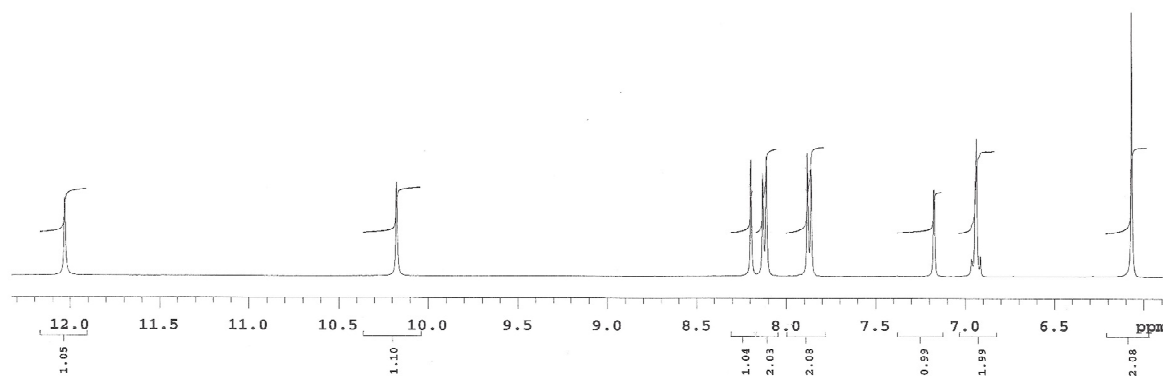


Figure S8. ^1H -NMR Spectrum of Compound 3 (6.5–12 ppm).

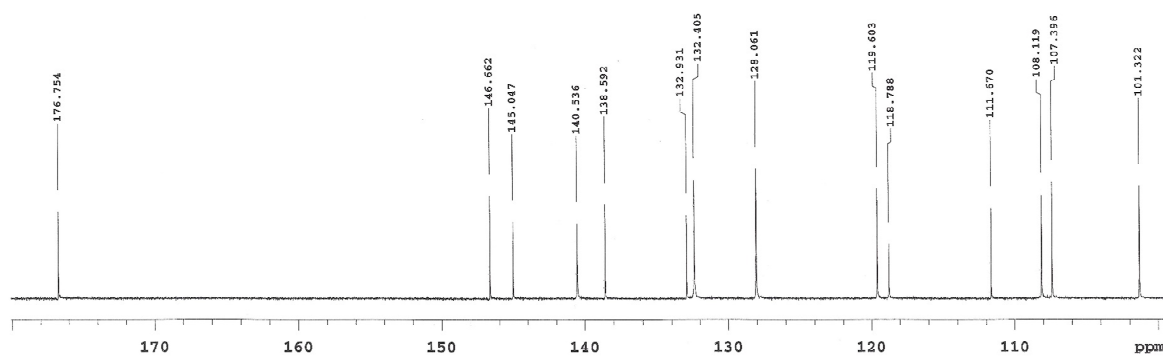


Figure S9. ¹³C-NMR Spectrum of Compound 3 (101–176 ppm).

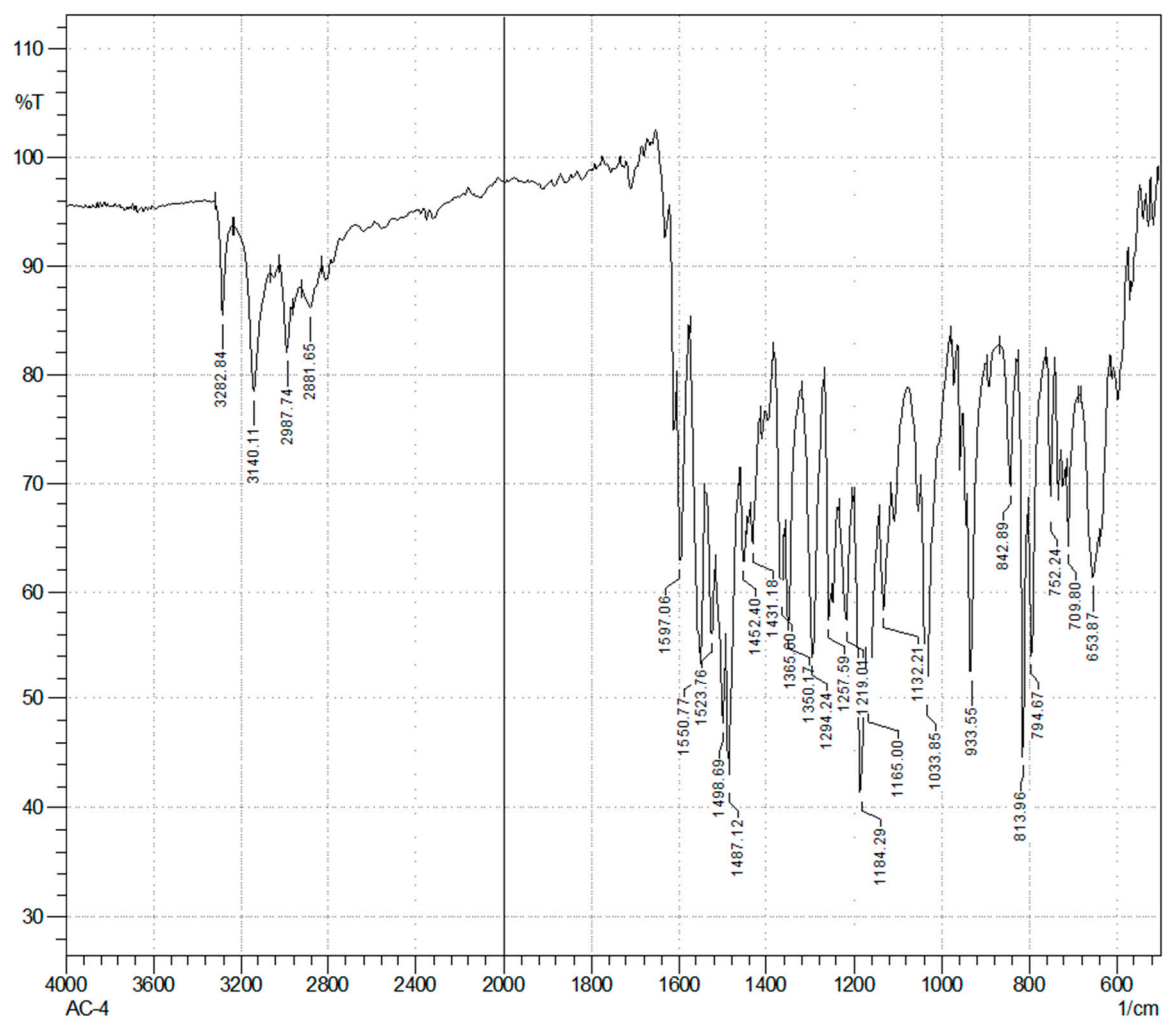


Figure S10. IR Spectrum of Compound 4.

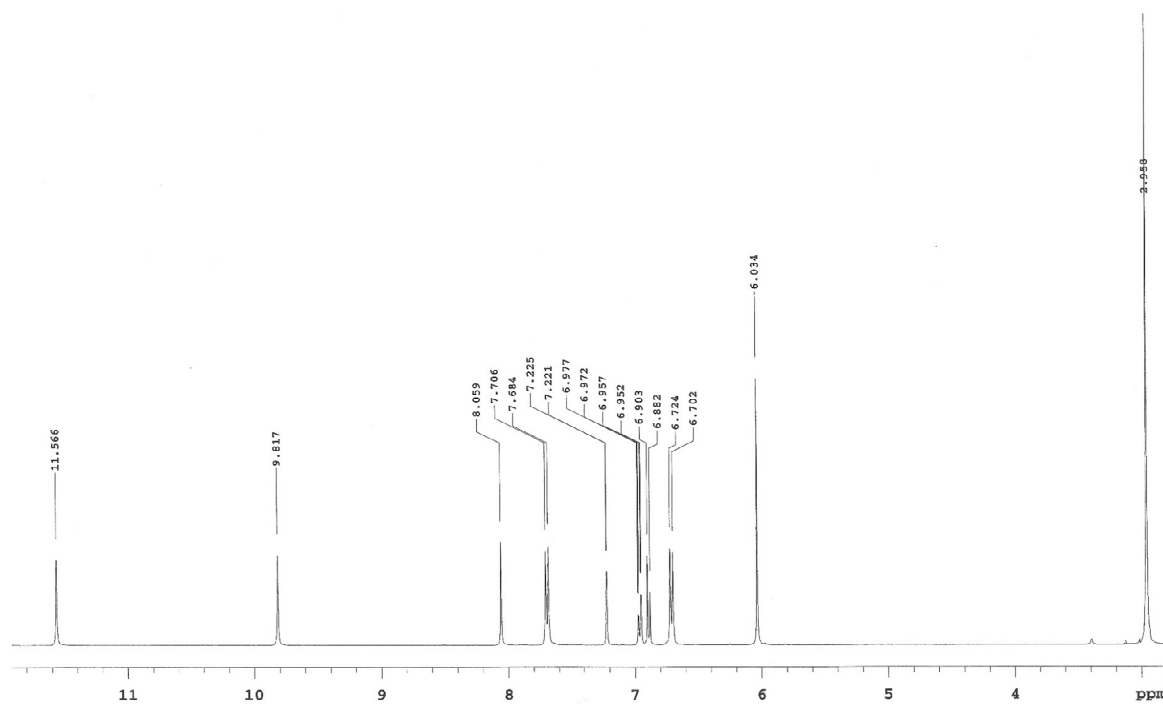


Figure S11. ¹H-NMR Spectrum of Compound 4 (4–11 ppm).

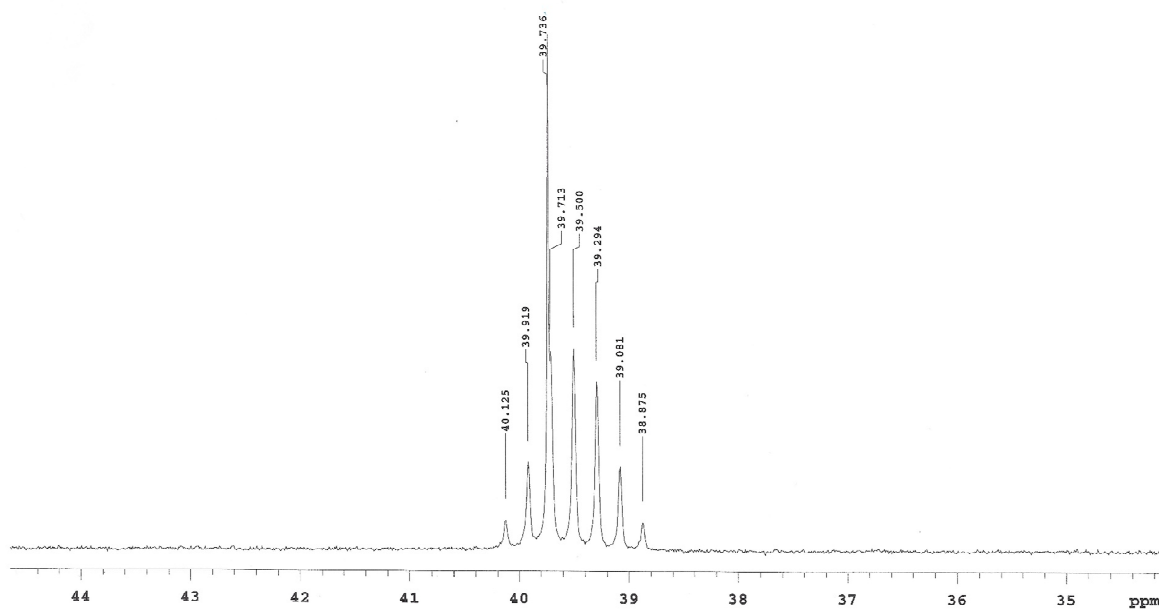


Figure S12. ¹³C-NMR Spectrum of Compound 4 (35–44 ppm).

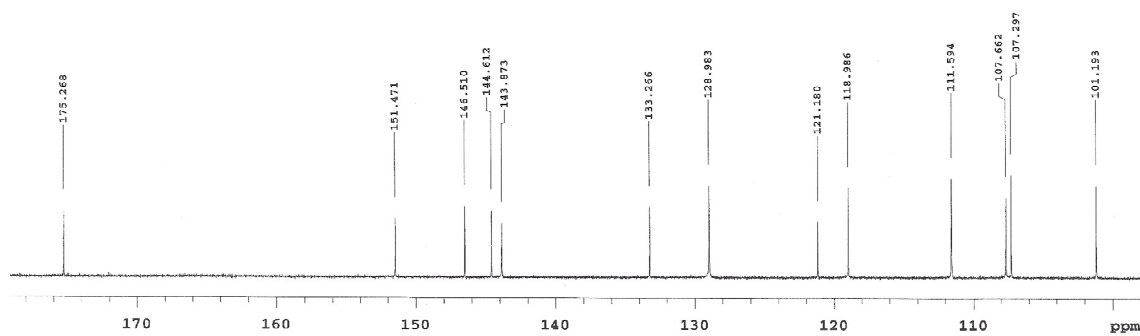
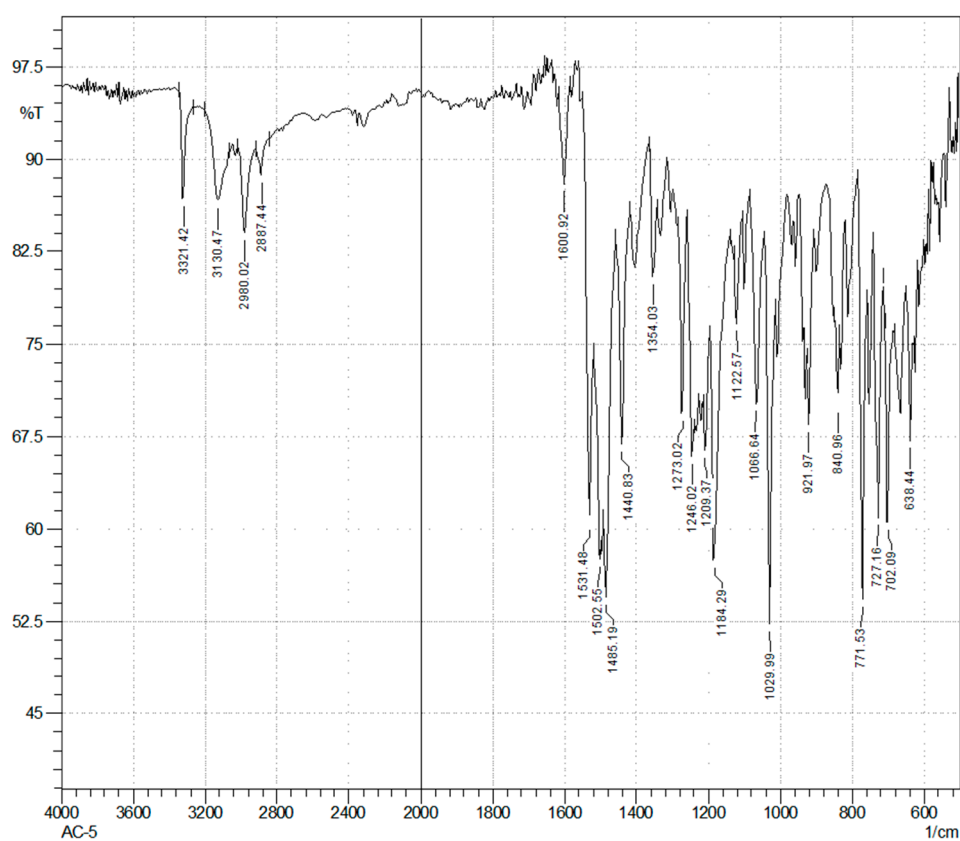
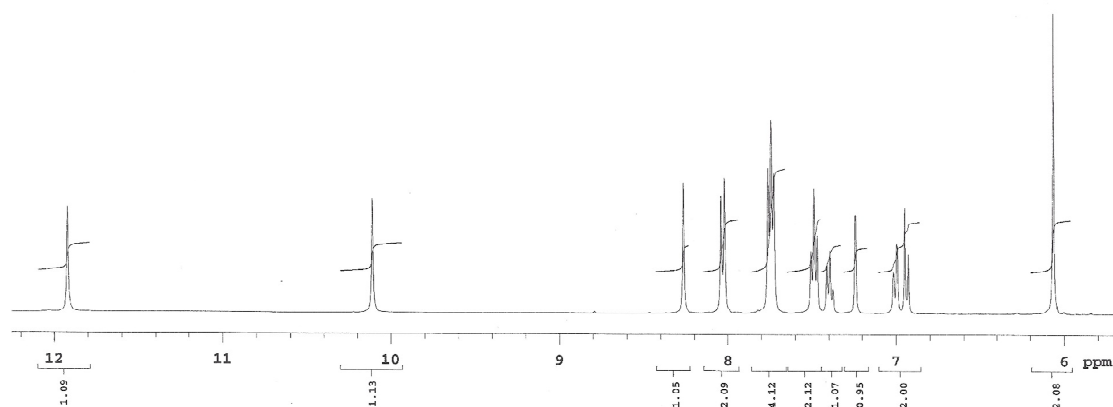
Figure S13. ¹³C-NMR Spectrum of Compound 4 (101–175 ppm).

Figure S14. IR Spectrum of Compound 5.

Figure S15. ¹H-NMR Spectrum of Compound 5 (6–12 ppm).

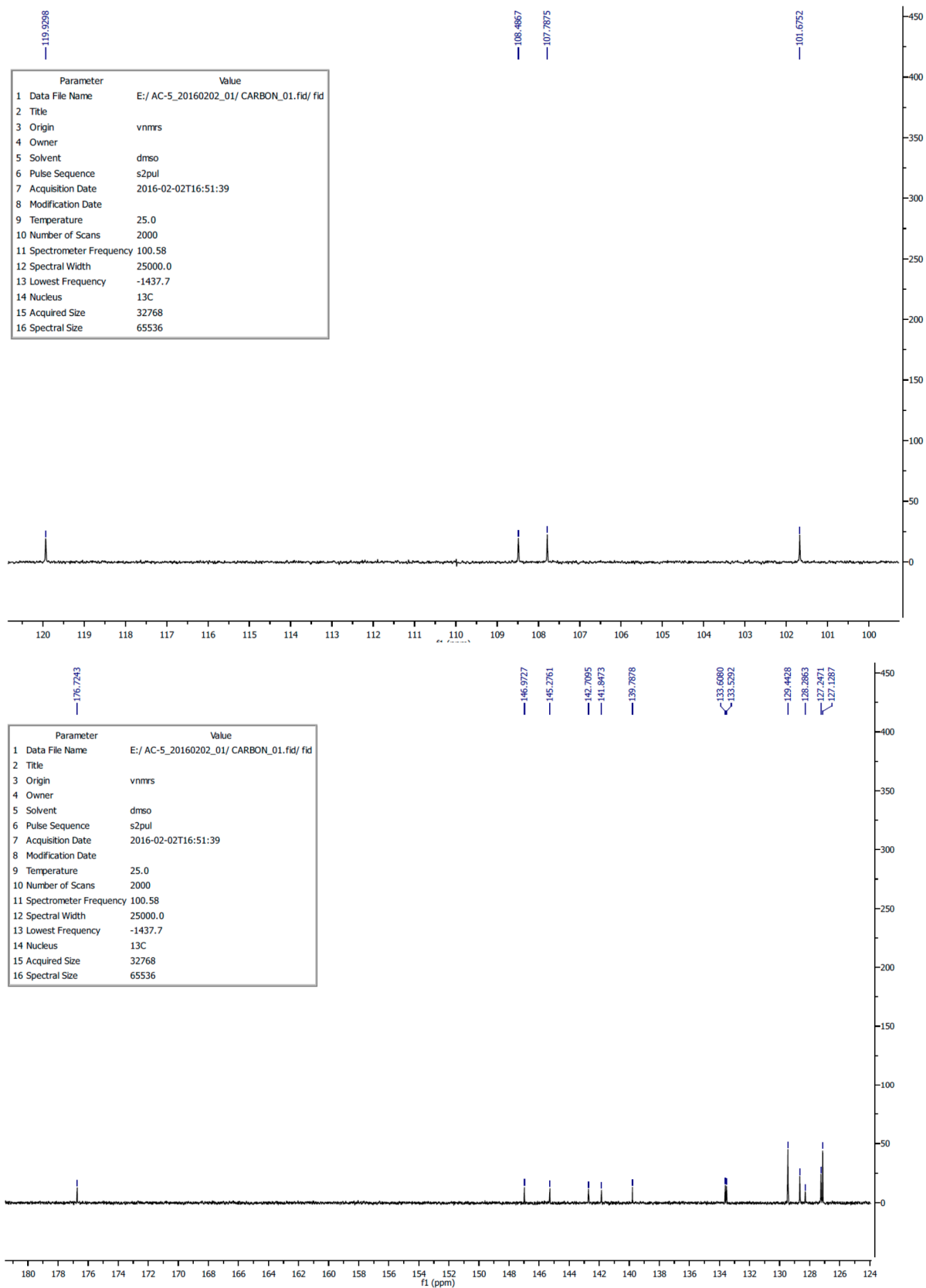


Figure S16. ^{13}C -NMR Spectrum of Compound 5 (101–119, 127–176 ppm).

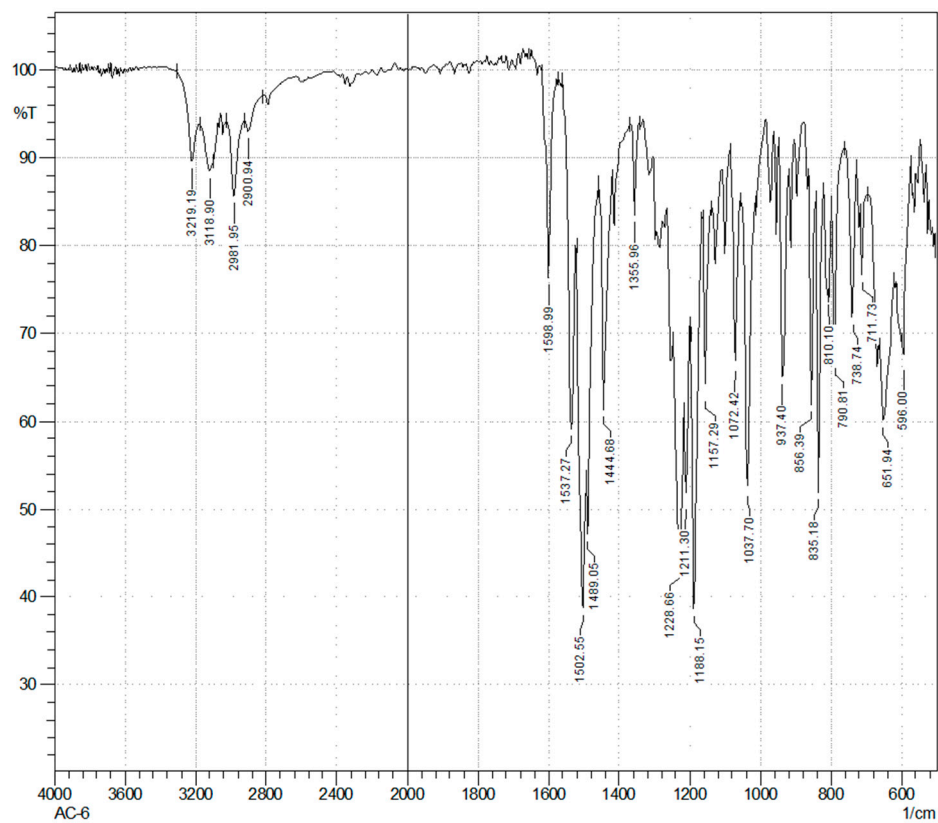
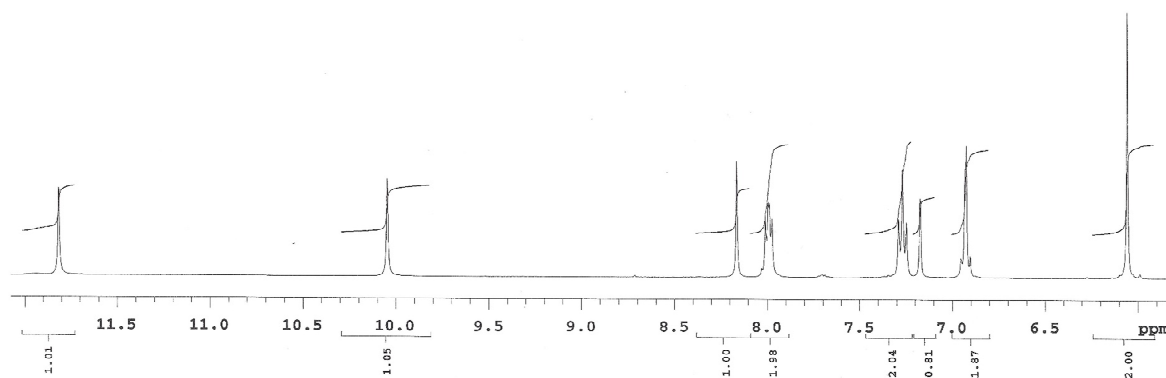
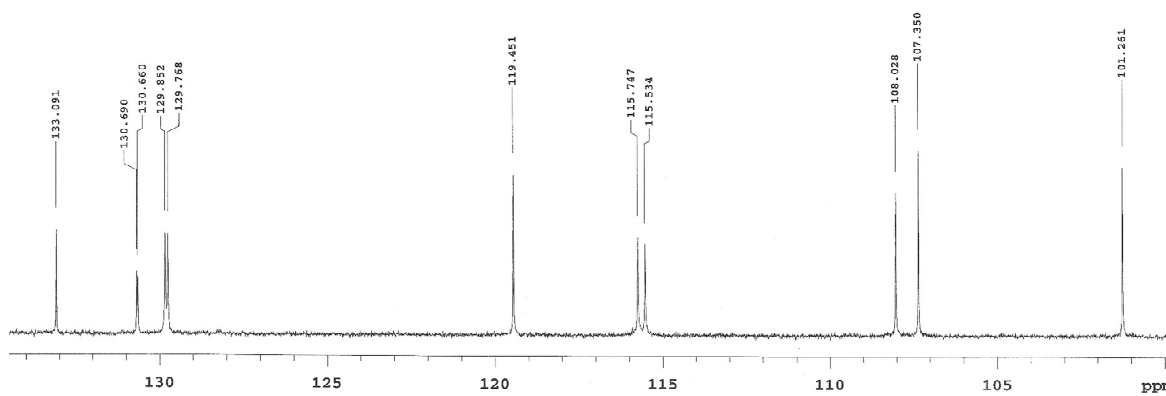


Figure S17. IR Spectrum of Compound 6.

Figure S18. ¹H-NMR Spectrum of Compound 6 (6.5–11 ppm).Figure S19. ¹³C-NMR Spectrum of Compound 6 (101–133 ppm).

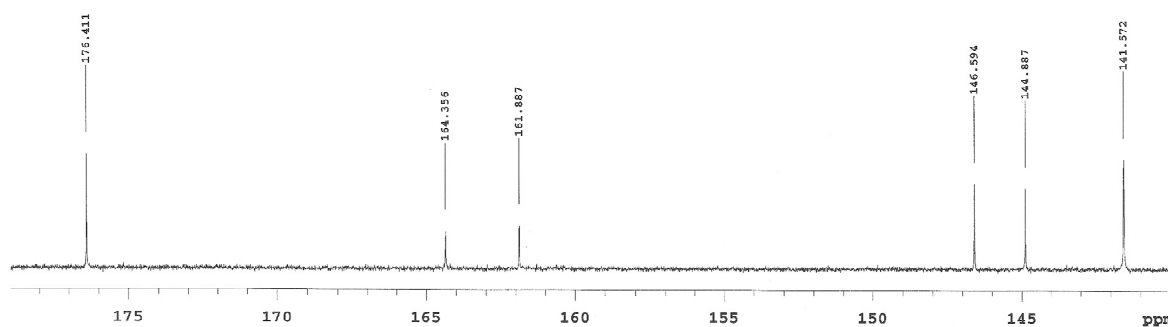


Figure S20. ¹³C-NMR Spectrum of Compound 6 (141–176 ppm).

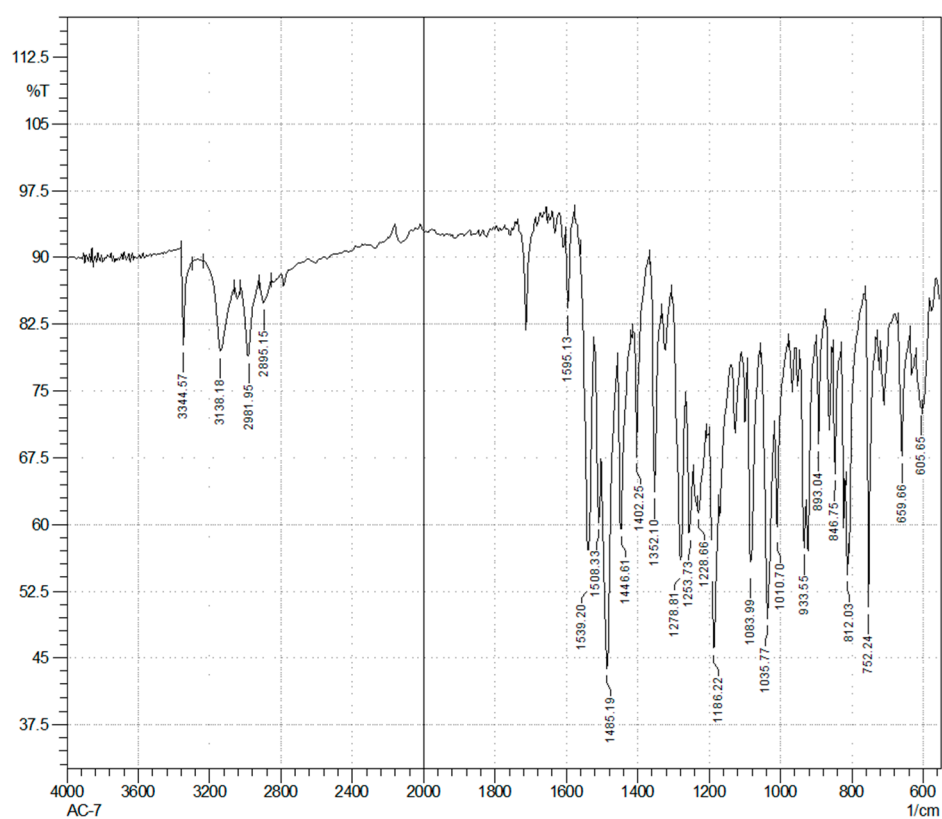


Figure S21. IR Spectrum of Compound 7.

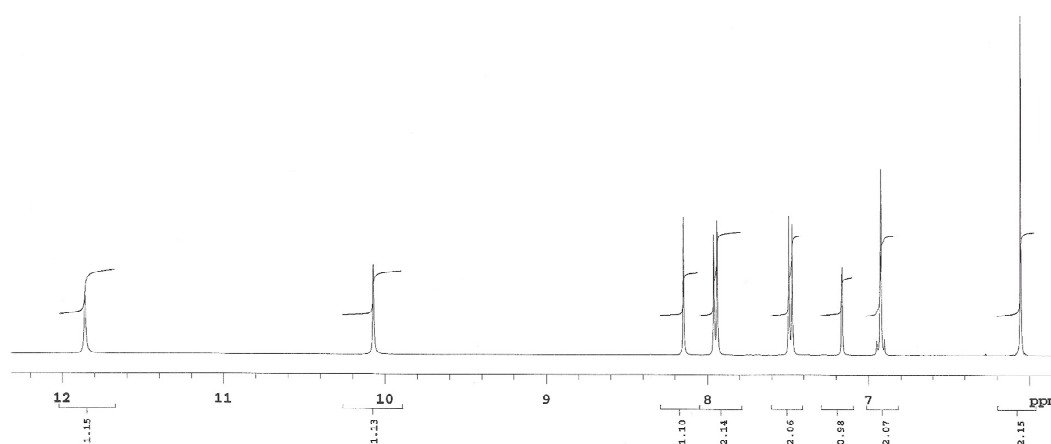


Figure S22. ¹H-NMR Spectrum of Compound 7 (7–12 ppm).

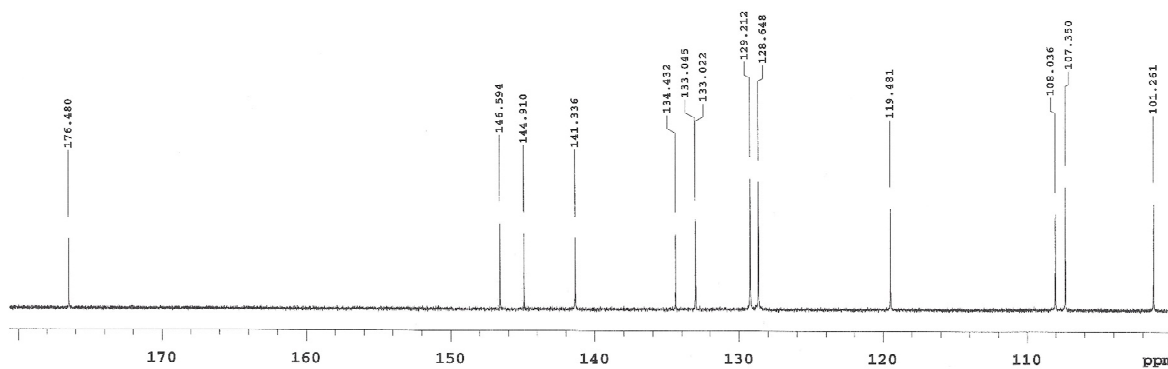


Figure S23. ^{13}C -NMR Spectrum of Compound 7 (101–176 ppm).

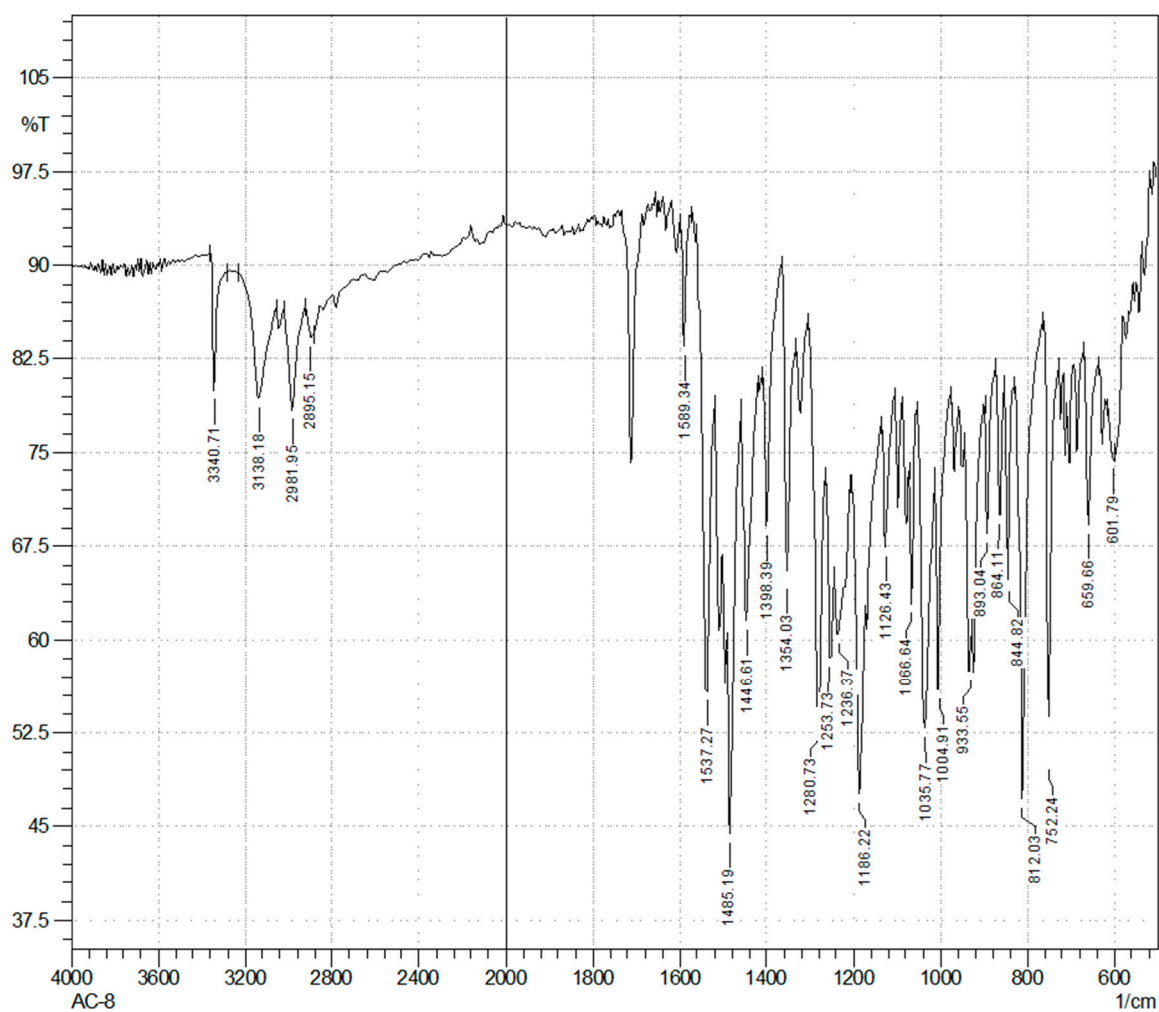


Figure S24. IR Spectrum of Compound 8.

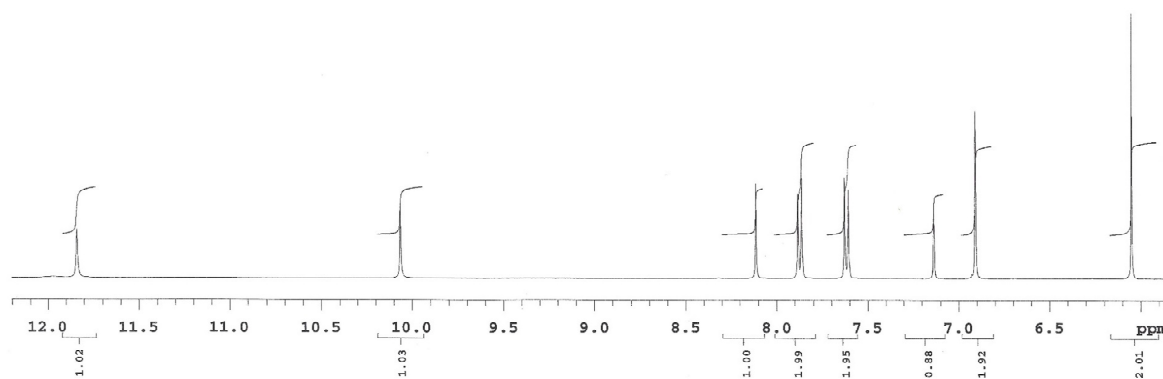


Figure S25. ¹H-NMR Spectrum of Compound 8 (6.5–12 ppm).

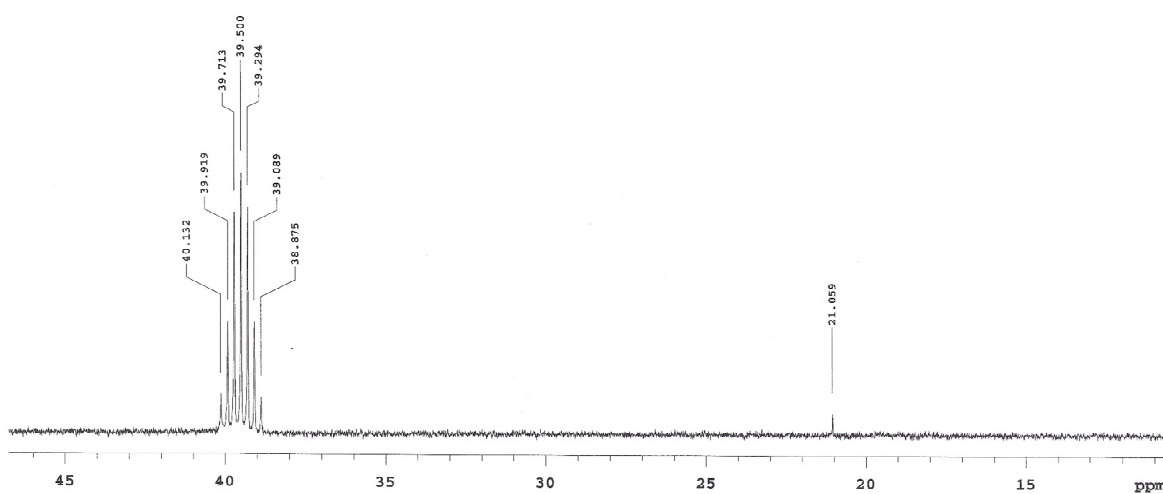


Figure S26. ¹³C-NMR Spectrum of Compound 8 (20–45 ppm).

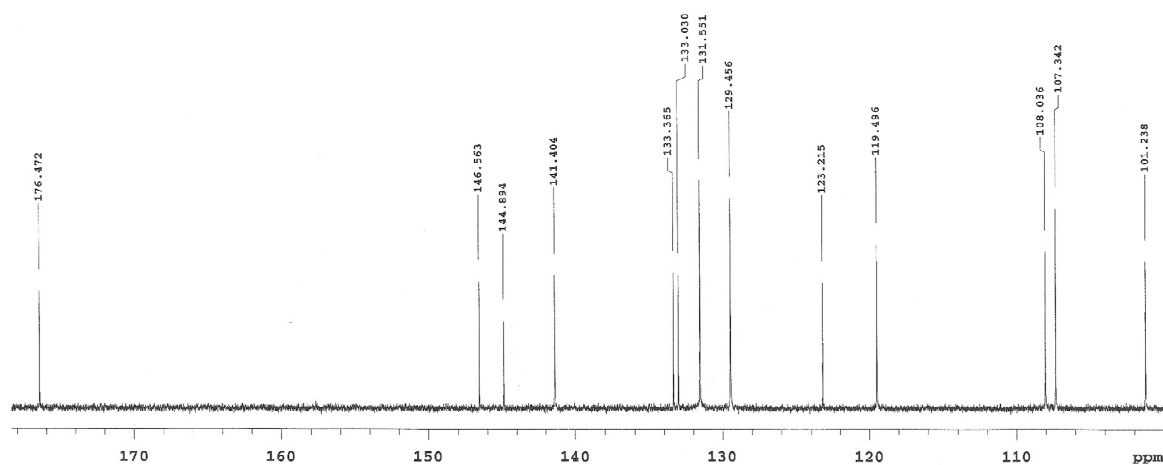


Figure S27. ¹³C-NMR Spectrum of Compound 8 (101–176 ppm).

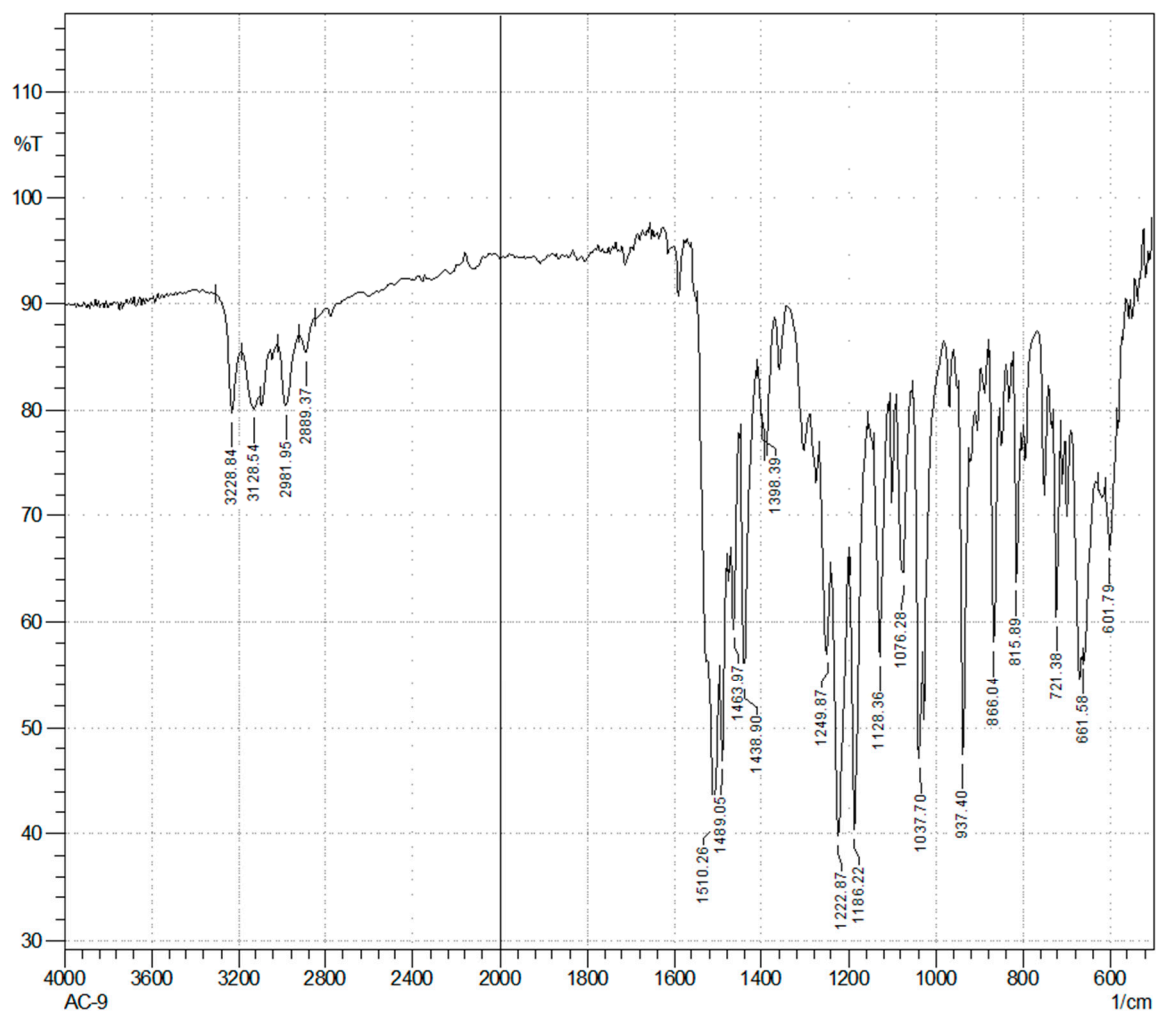
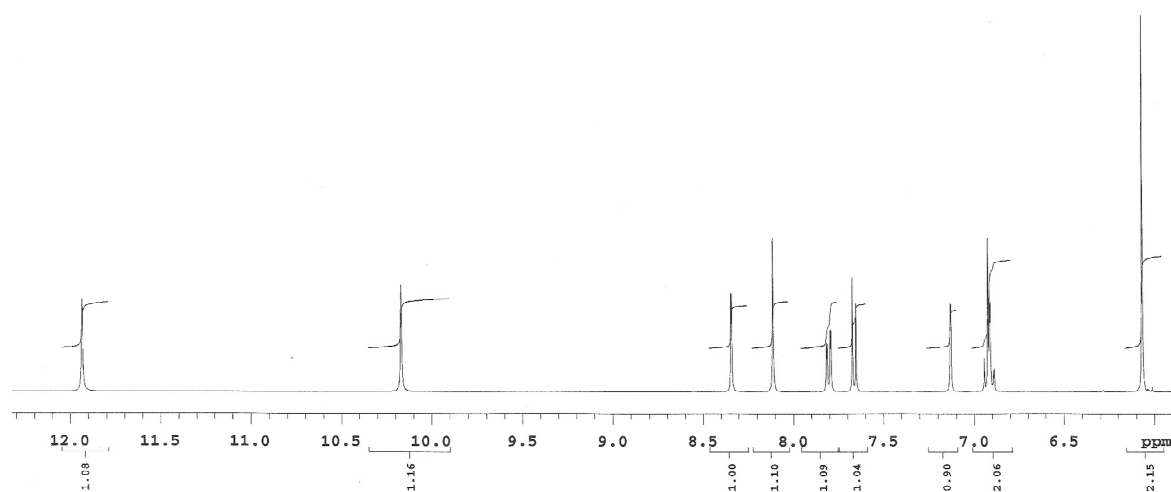


Figure S28. IR Spectrum of Compound 9.

Figure S29. ¹H-NMR Spectrum of Compound 9 (6.5–12 ppm).

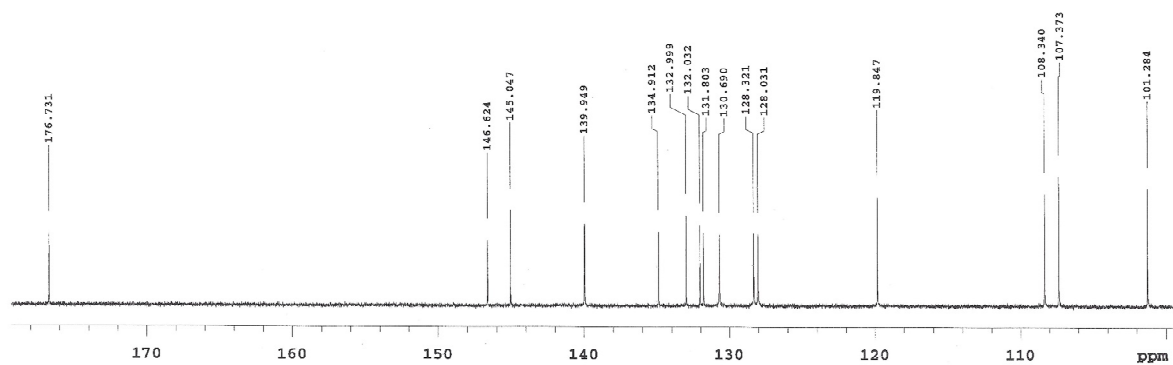


Figure S30. ^{13}C -NMR Spectrum of Compound 9 (101–176 ppm).

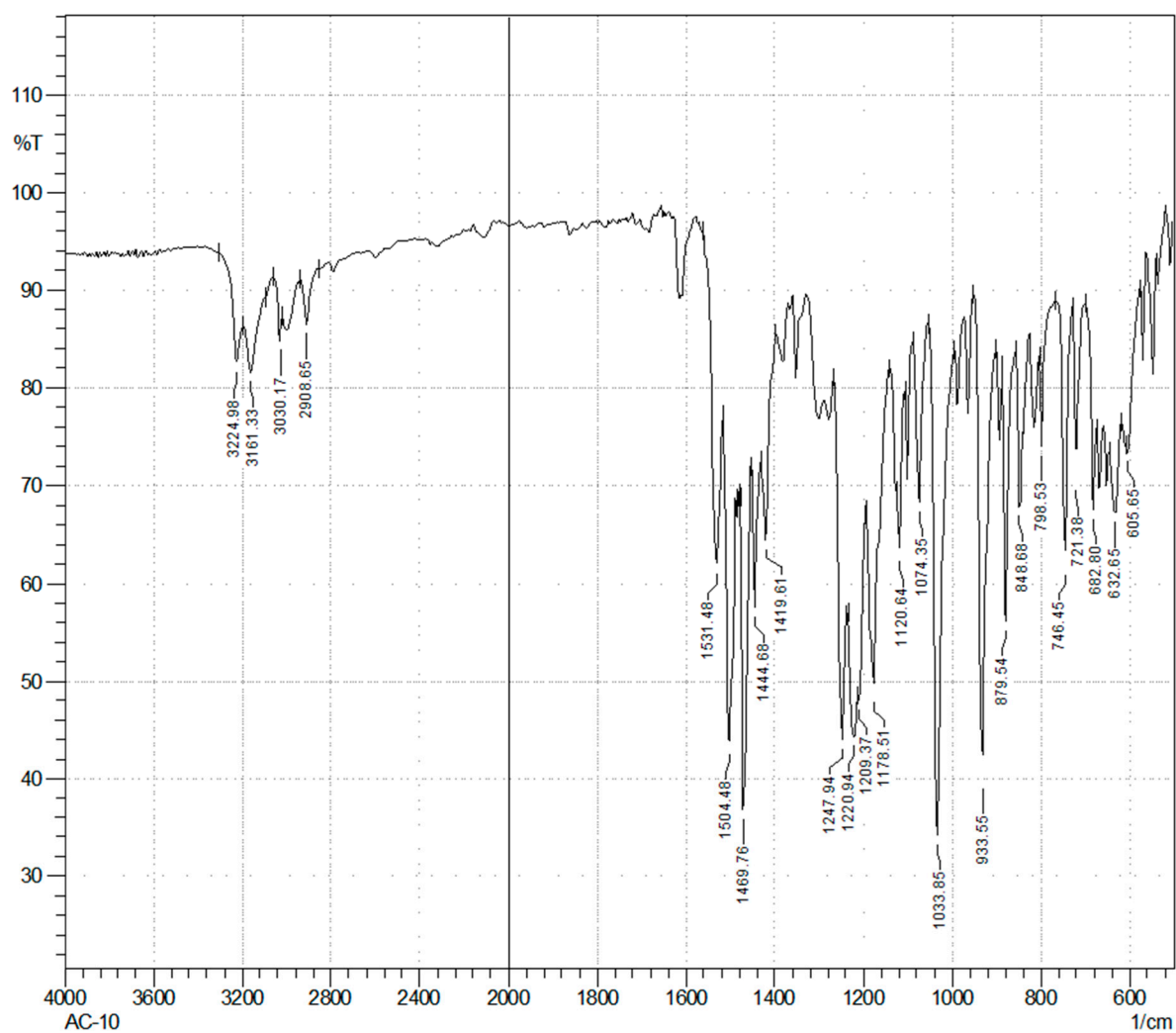
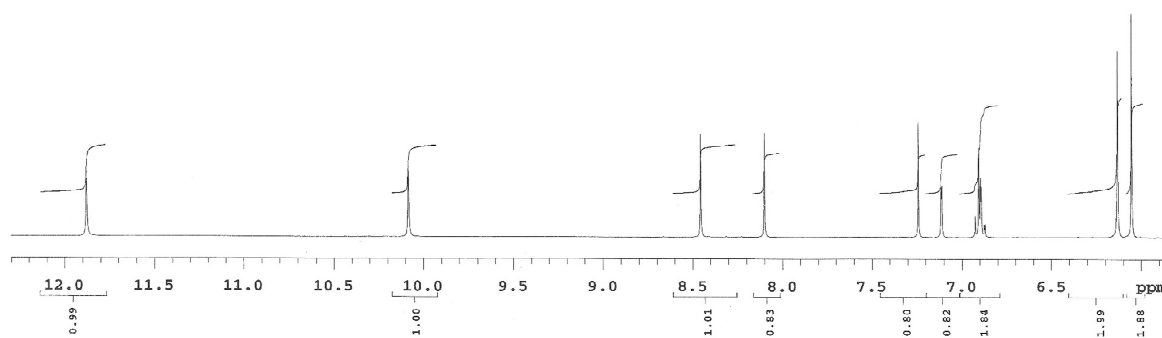


Figure S31. IR Spectrum of Compound 10.



32. ¹H-NMR Spectrum of Compound 10 (6.5–12 ppm)

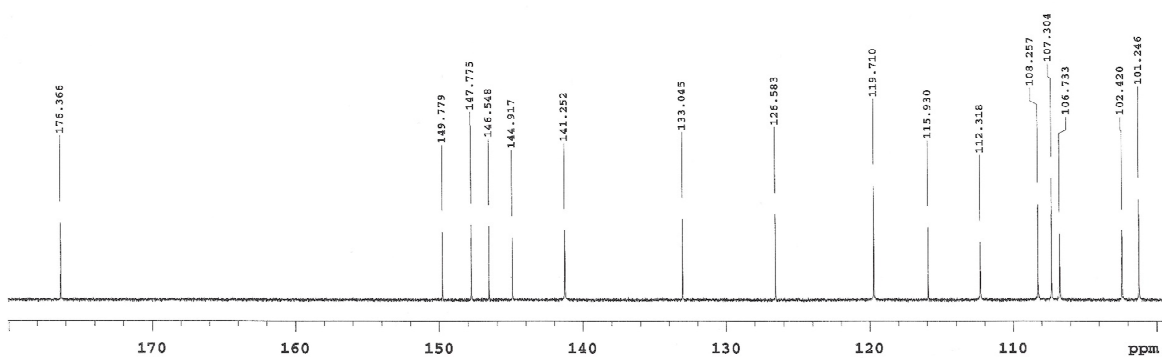


Figure 33. ¹³C-NMR Spectrum of Compound 10 (101–176 ppm).