



Synthesis and *In Silico* Studies of Chalcone Derivatives Derived From 4-(Imidazol-1-yl)Acetophenone

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SUPPLEMENTARY DATA

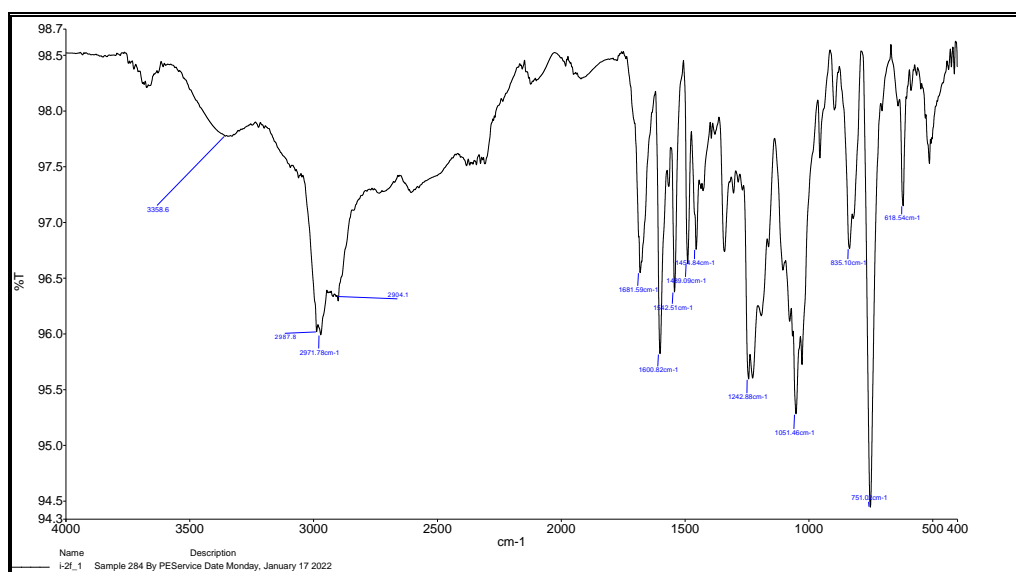


Fig. S1. FTIR spectrum of compound 1

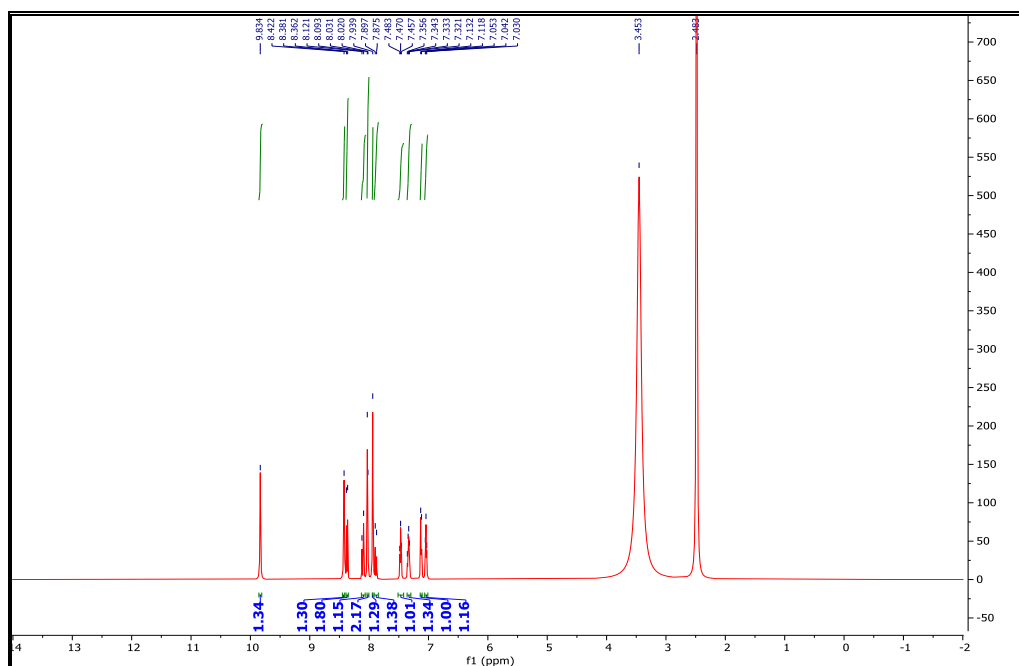


Fig. S2. ¹H NMR spectrum of compound 1

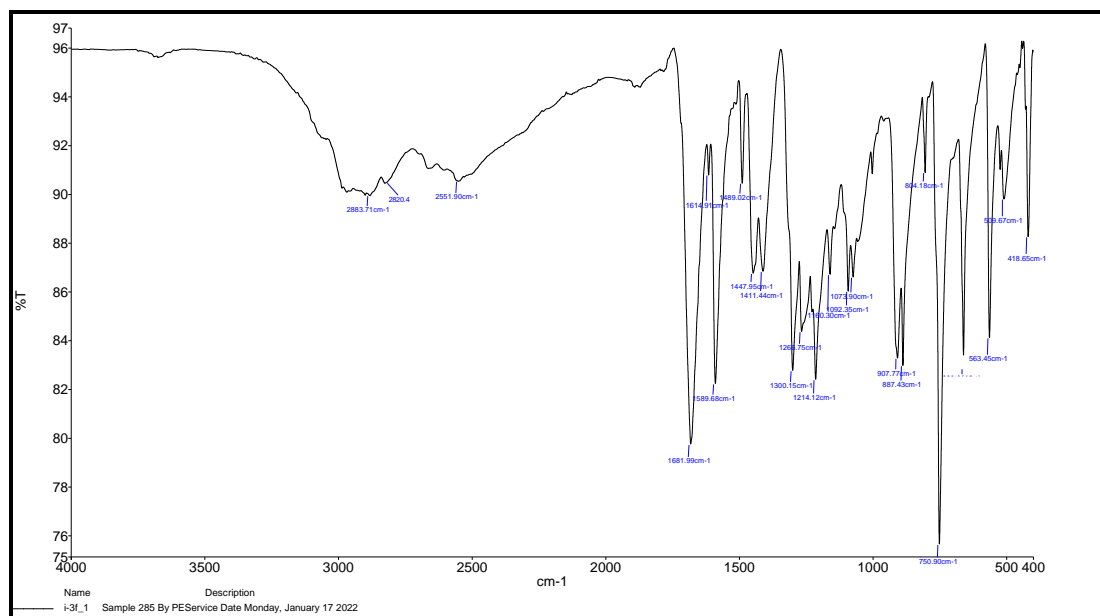


Fig. S3. FTIR spectrum of compound 2

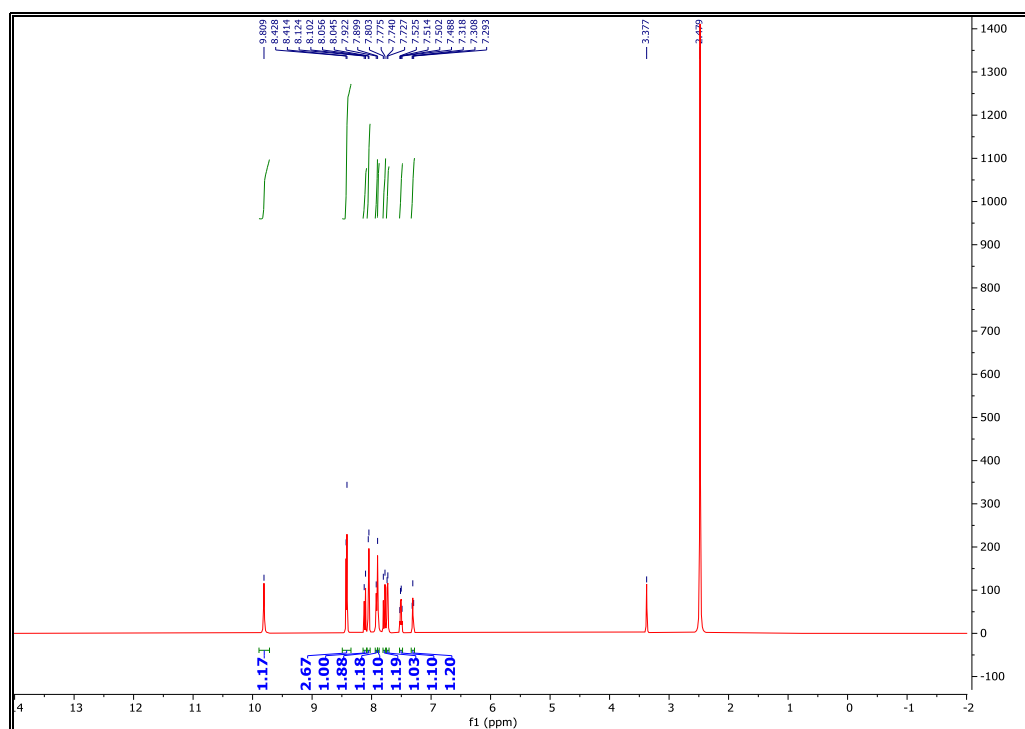


Fig. S4. ¹H NMR spectrum of compound 2

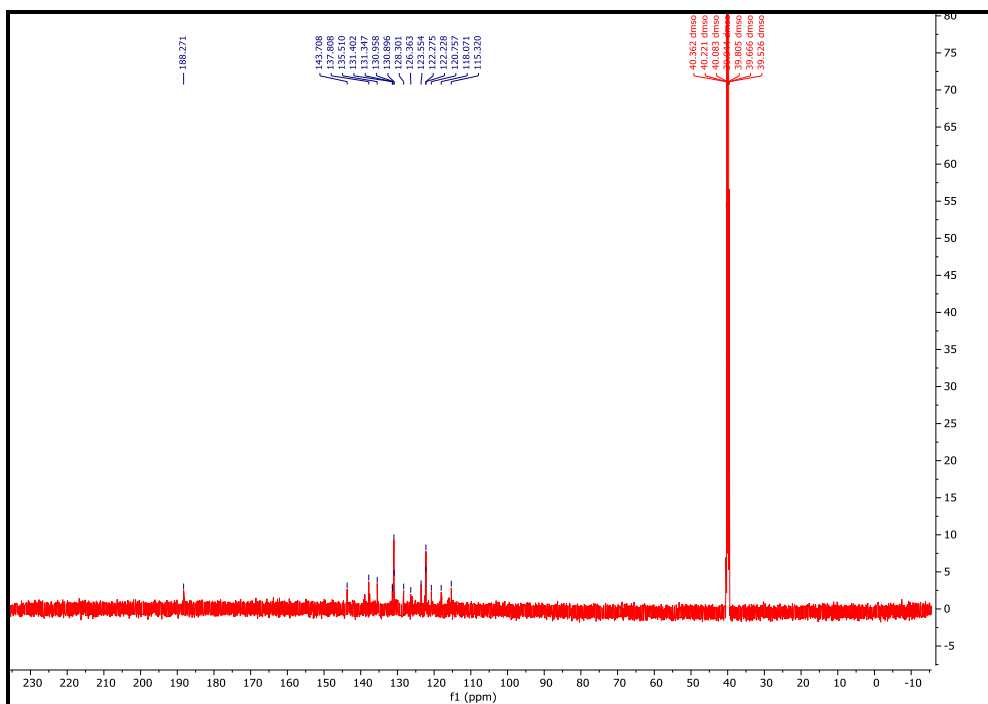


Fig. S5. ^{13}C NMR spectrum of compound 2

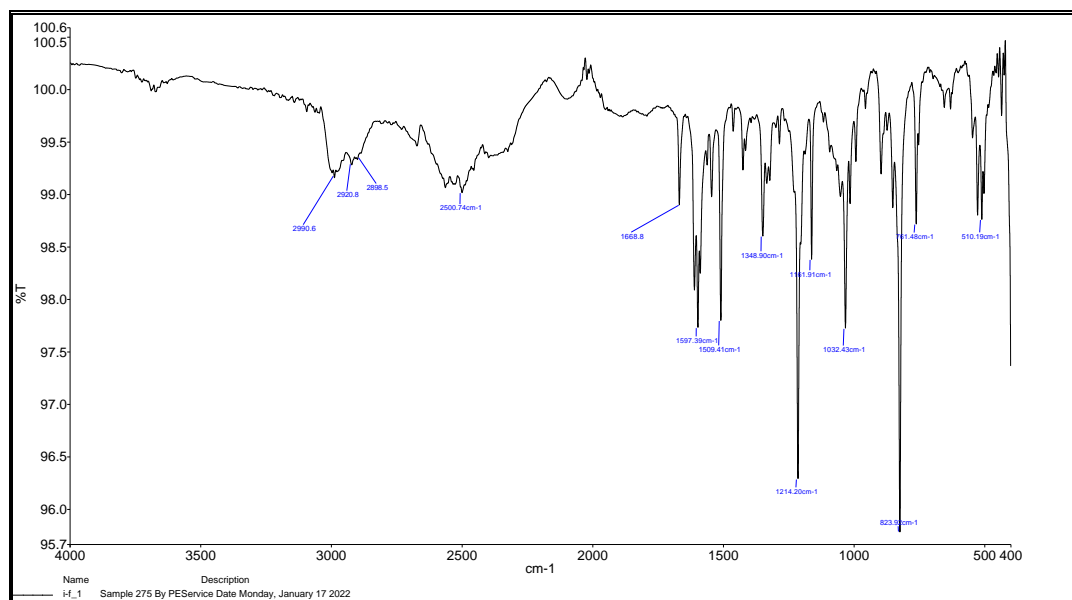


Fig. S6. FTIR spectrum of compound 3

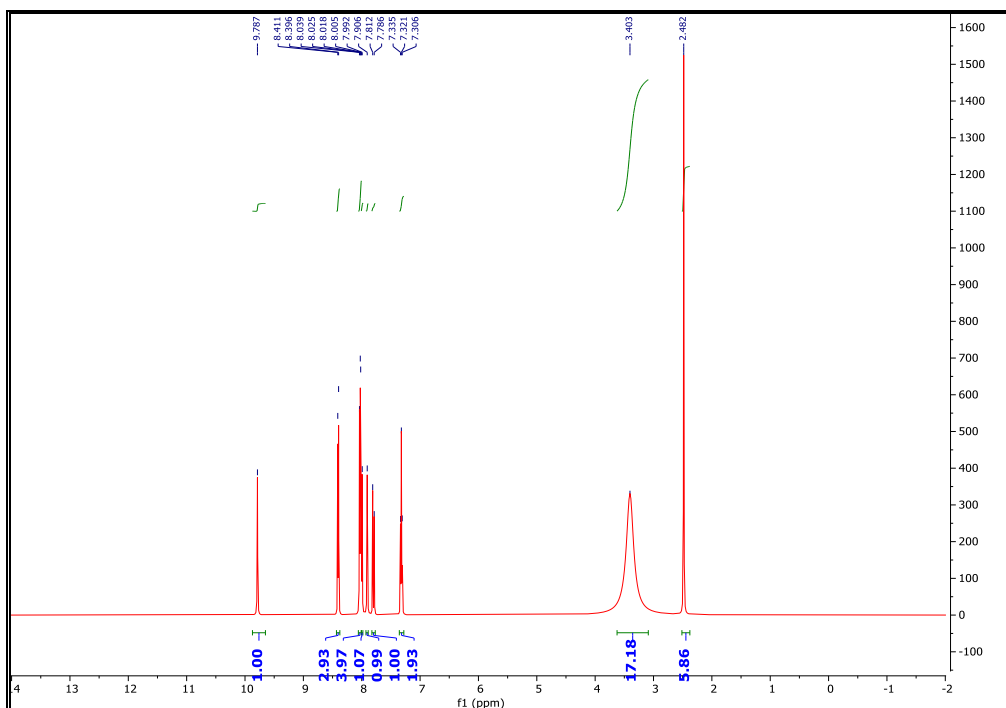


Fig. S7. ^1H NMR spectrum of compound **3**

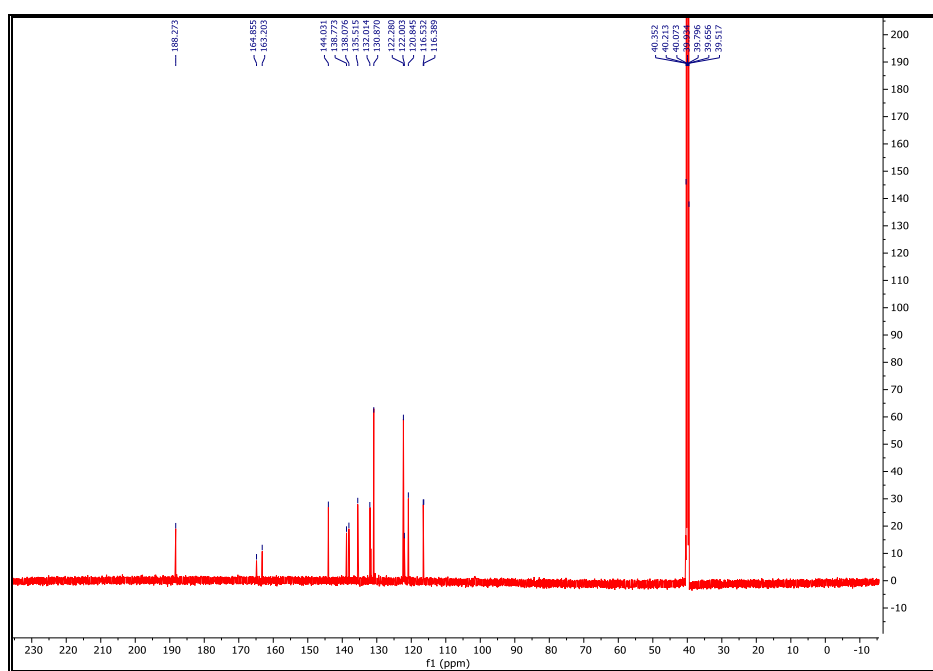


Fig. S8. ^{13}C NMR spectrum of compound **3**

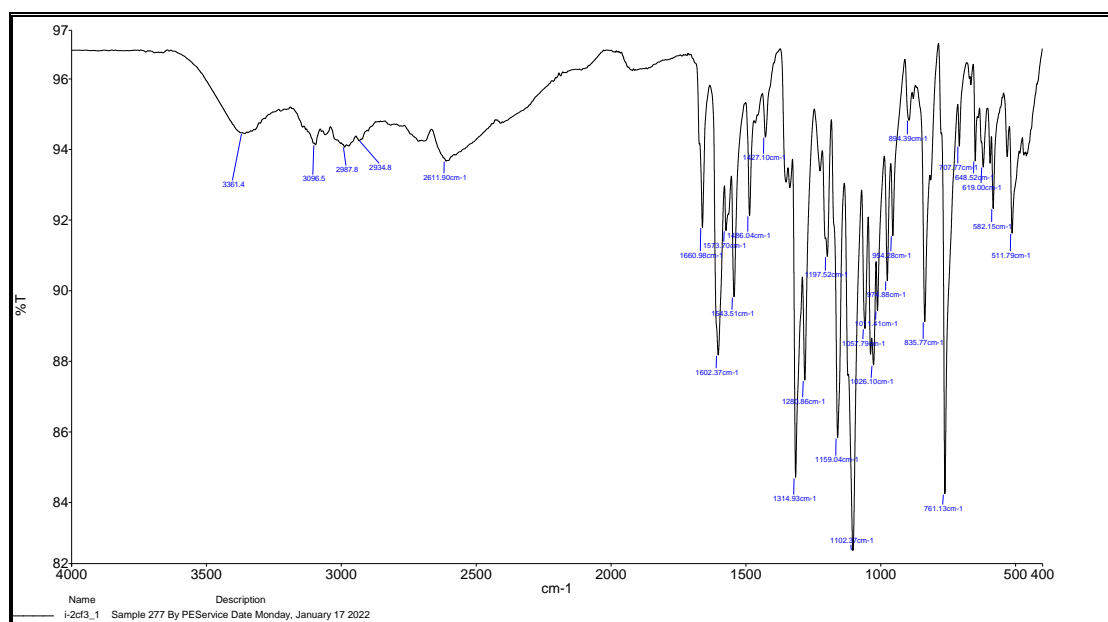


Fig. S9. FTIR spectrum of compound 4

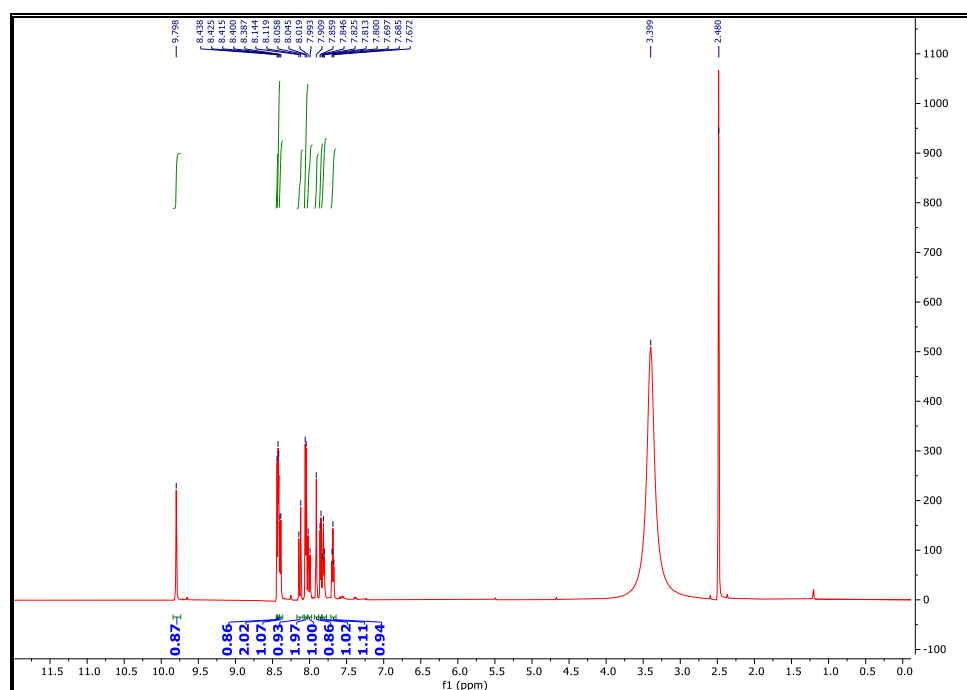


Fig. S10. ¹H NMR spectrum of compound 4

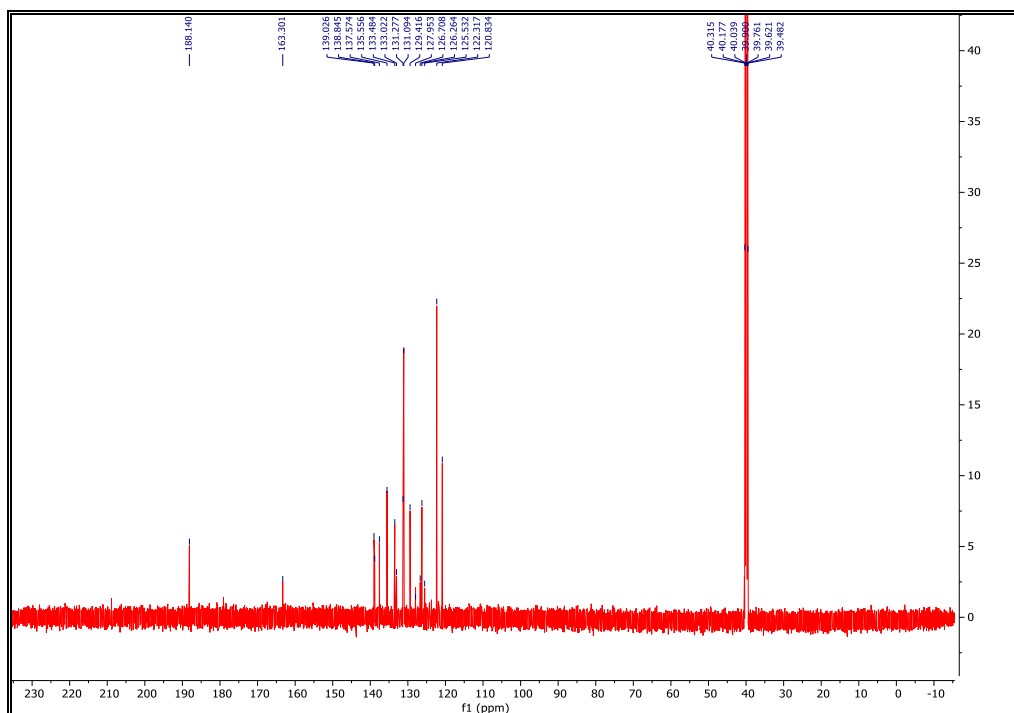


Fig. S11. ^{13}C NMR spectrum of compound 4

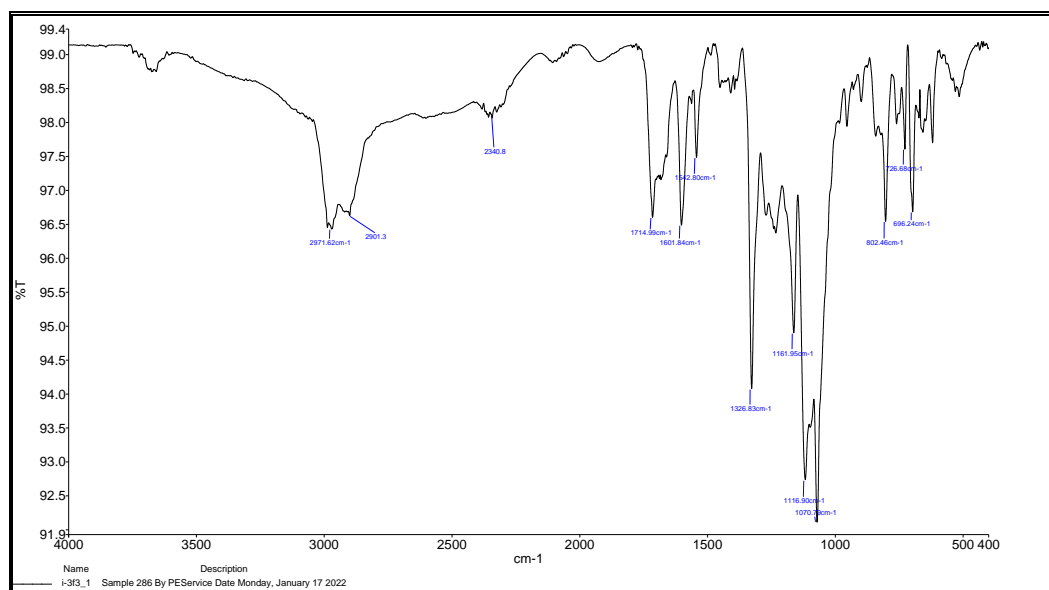


Fig. S12. FTIR spectrum of compound 5

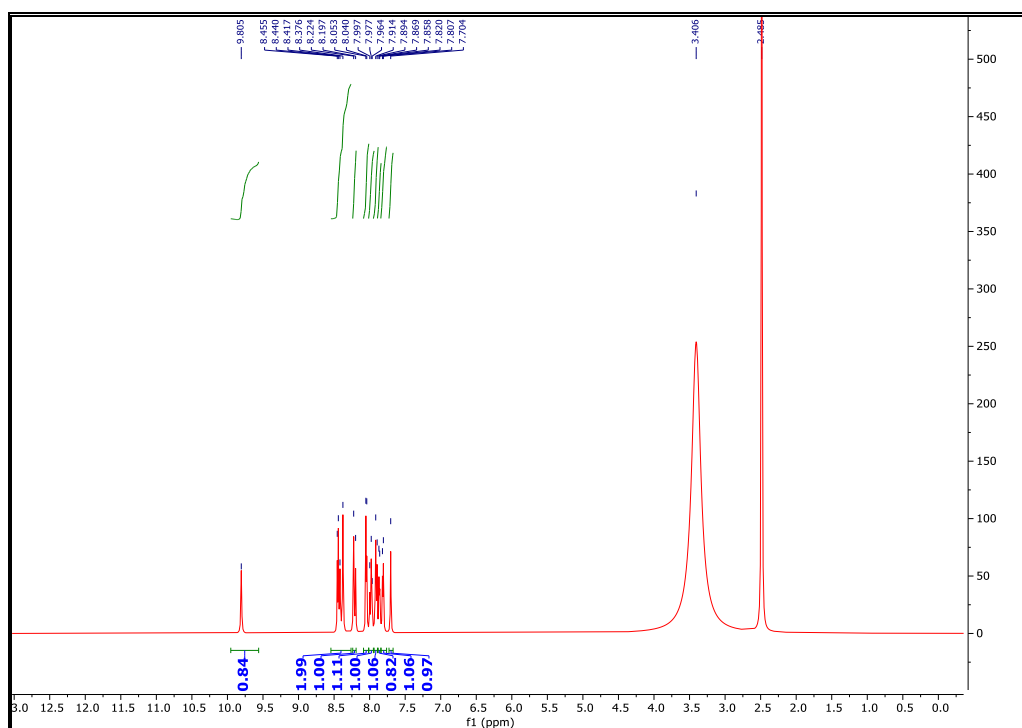


Fig. S13. ^1H NMR spectrum of compound 5

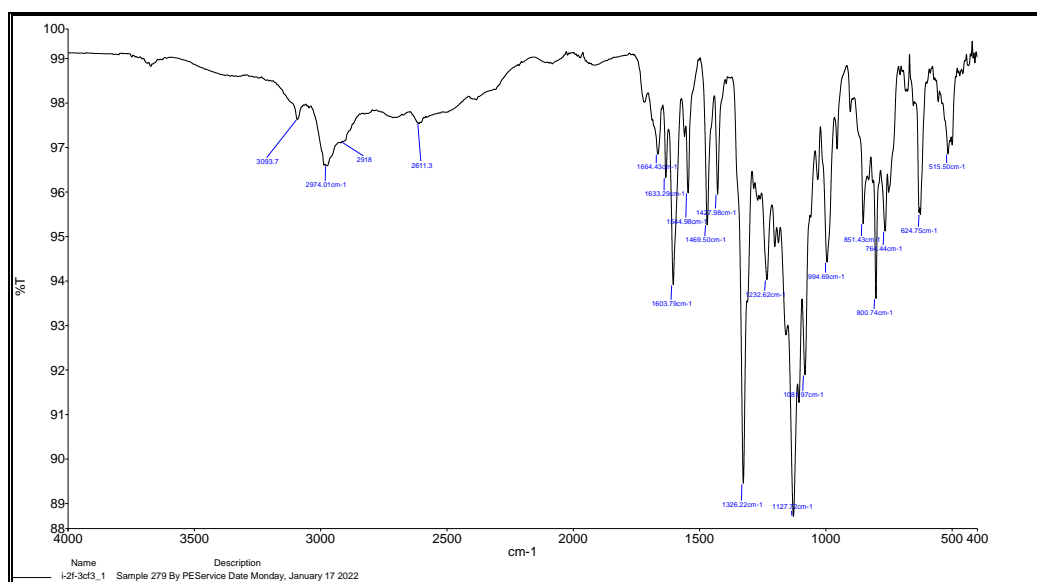


Fig. S14. FTIR spectrum of compound 6

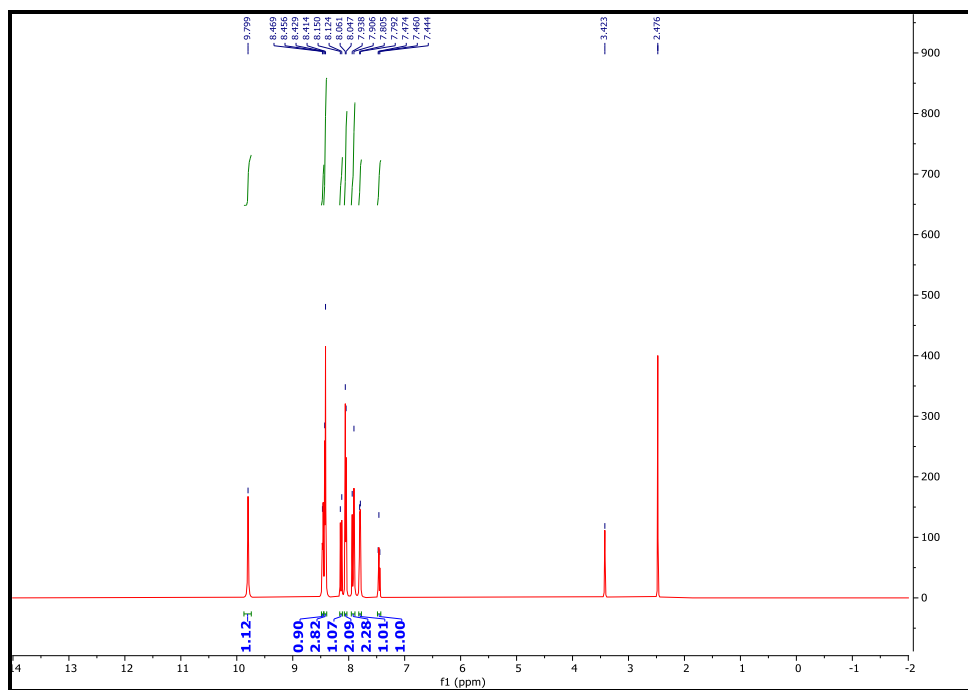


Fig. S15. ^1H NMR spectrum of compound **6**

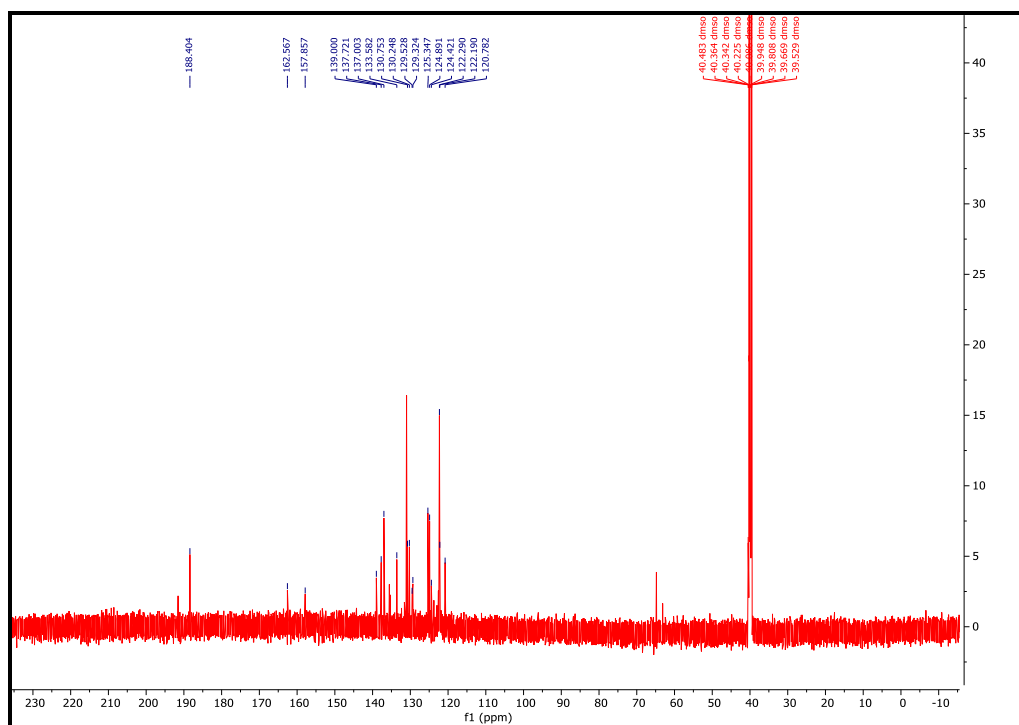


Fig. S16. ^{13}C NMR spectrum of compound **6**

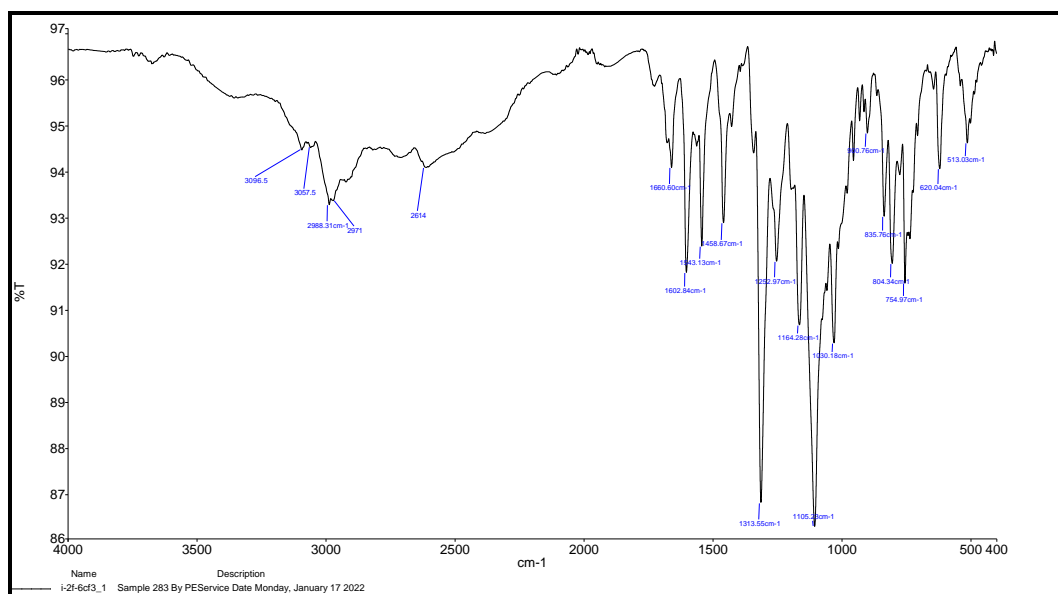


Fig. S17. FTIR spectrum of compound **7**

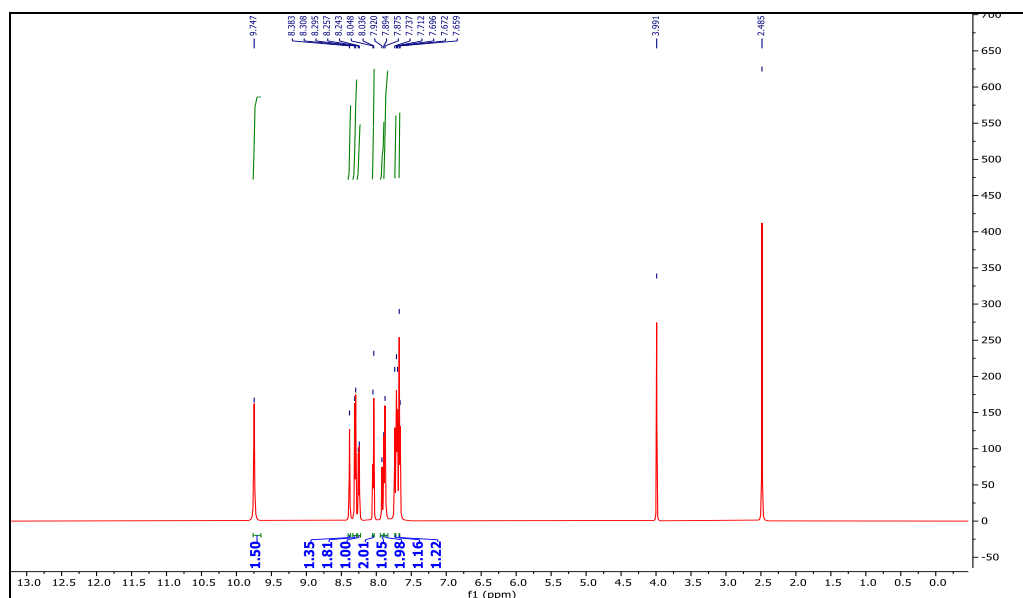


Fig. S18. ¹H NMR spectrum of compound **7**

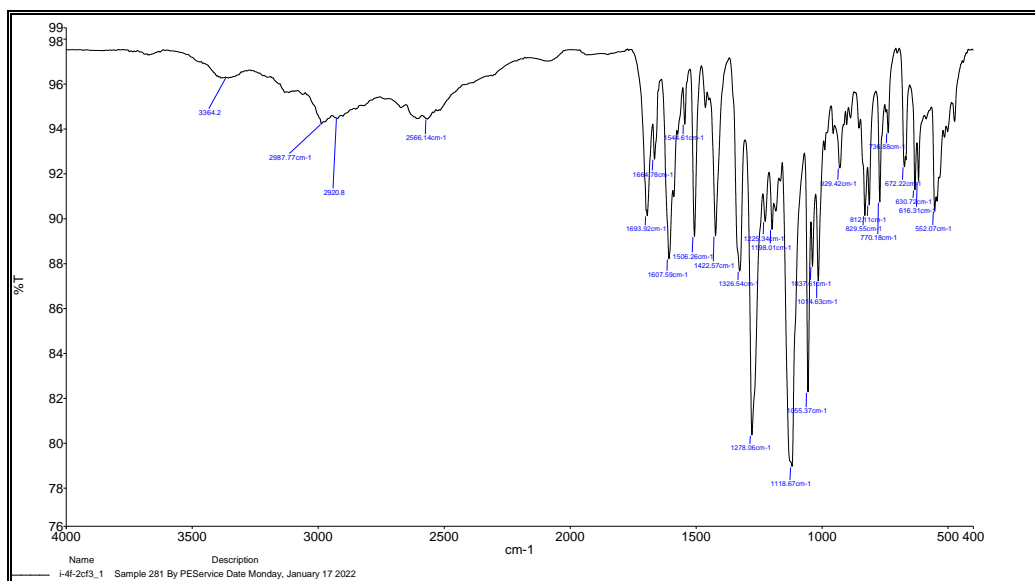


Fig. S19. FTIR spectrum of compound 8

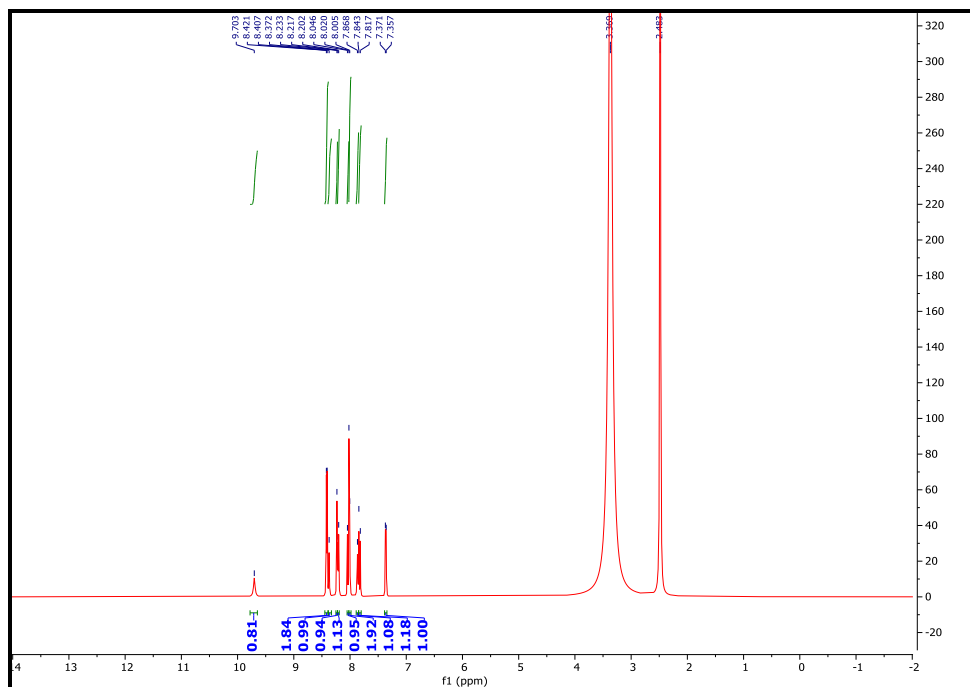


Fig. S20. ¹H NMR spectrum of compound 8

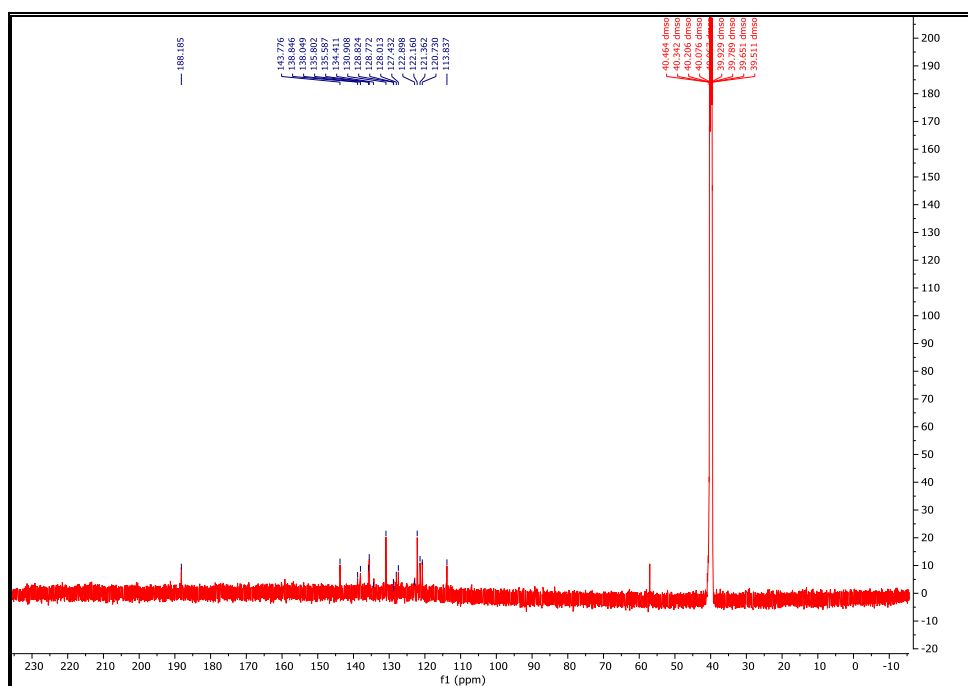


Fig. S21. ^{13}C NMR spectrum of compound 8

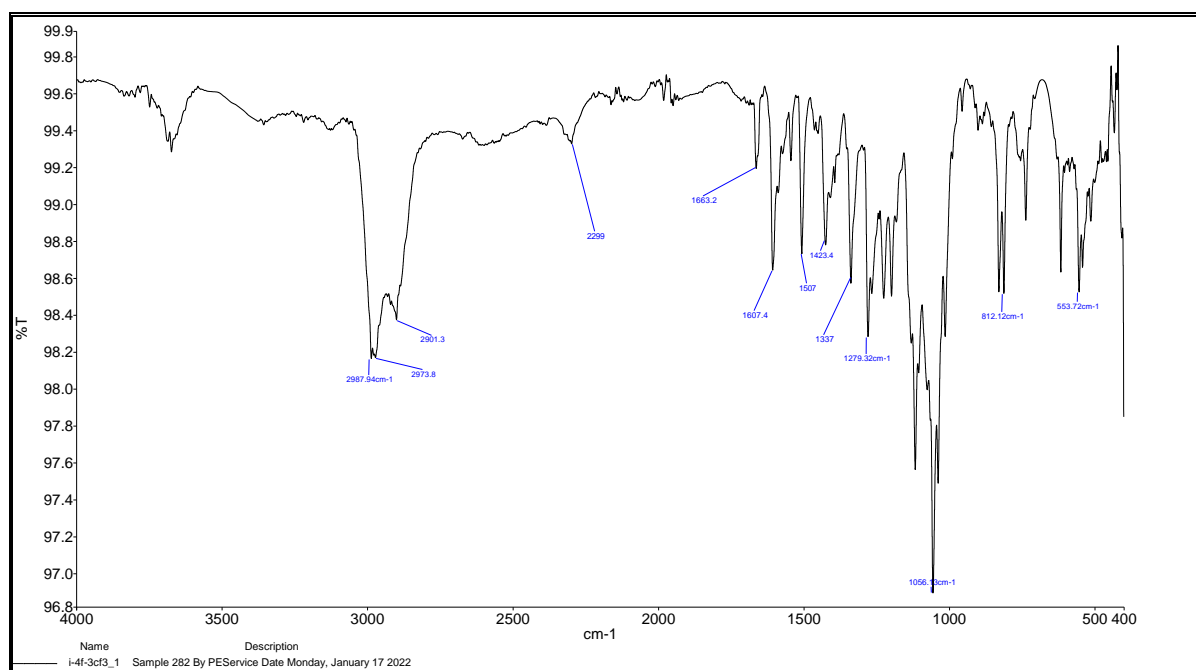


Fig. S22. FTIR spectrum of compound 9

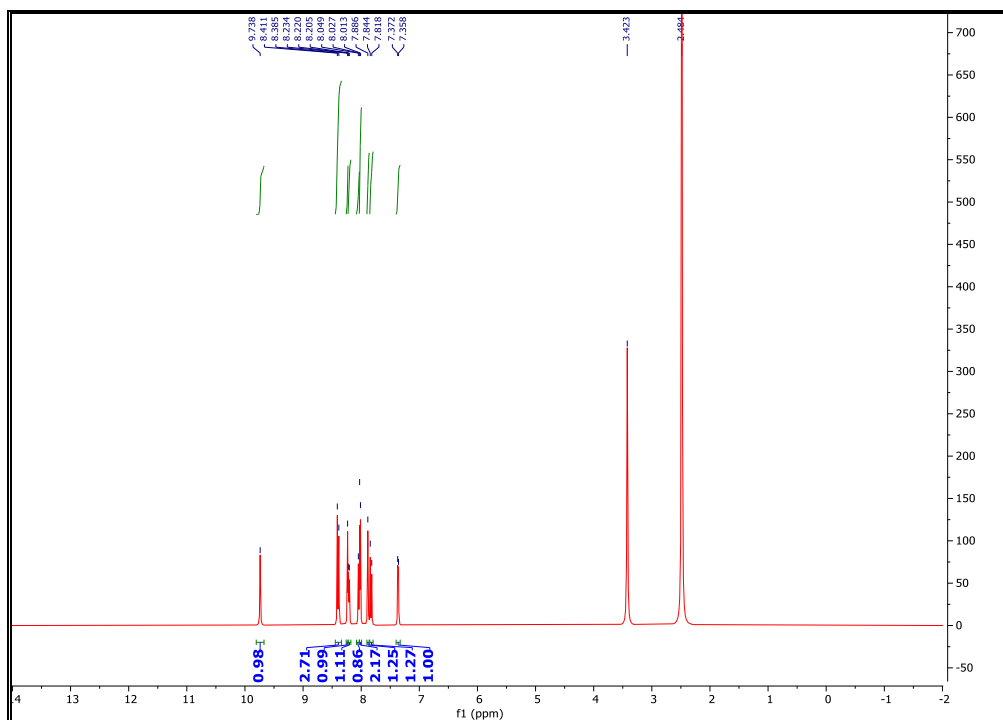


Fig. S23. ^1H NMR spectrum of compound **9**

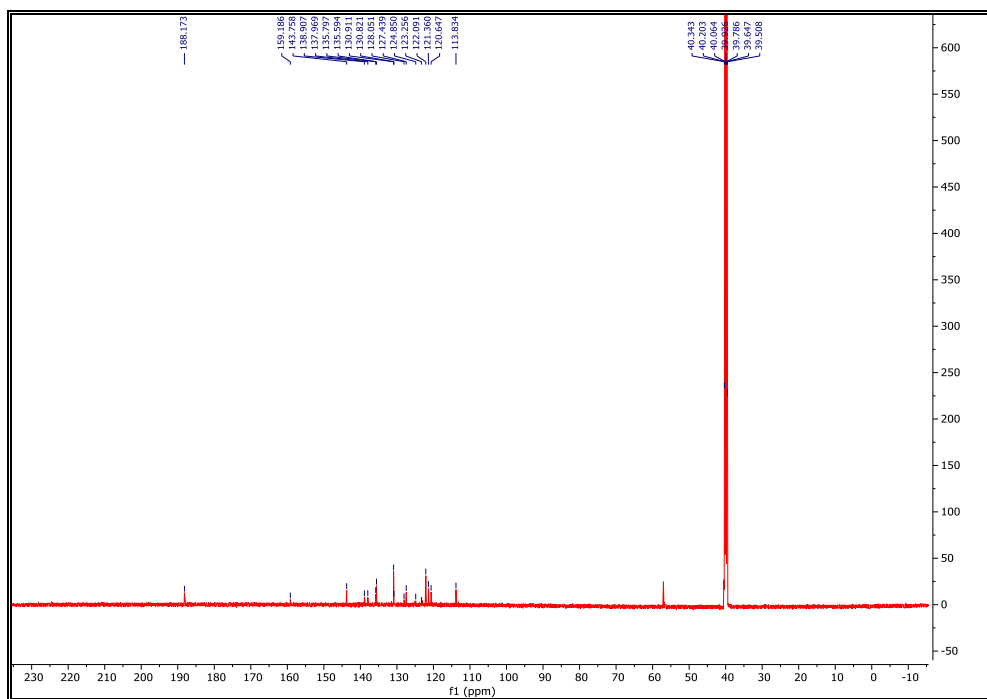


Fig. S24. ^{13}C NMR spectrum of compound **9**

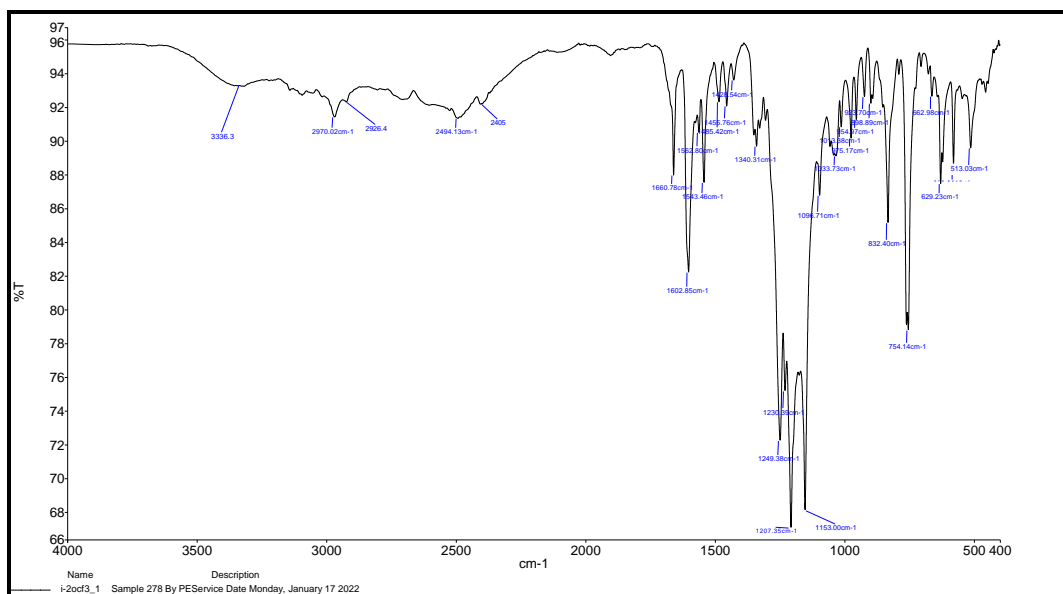


Fig. S25. FTIR spectrum of compound 10

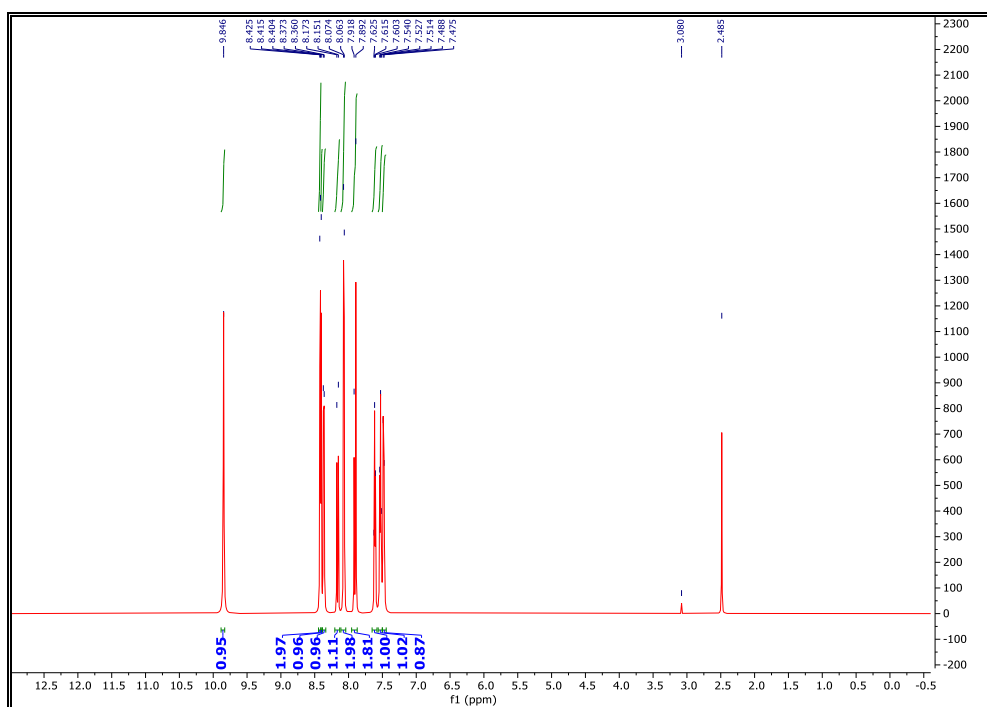


Fig. S26. ¹H NMR spectrum of compound 10

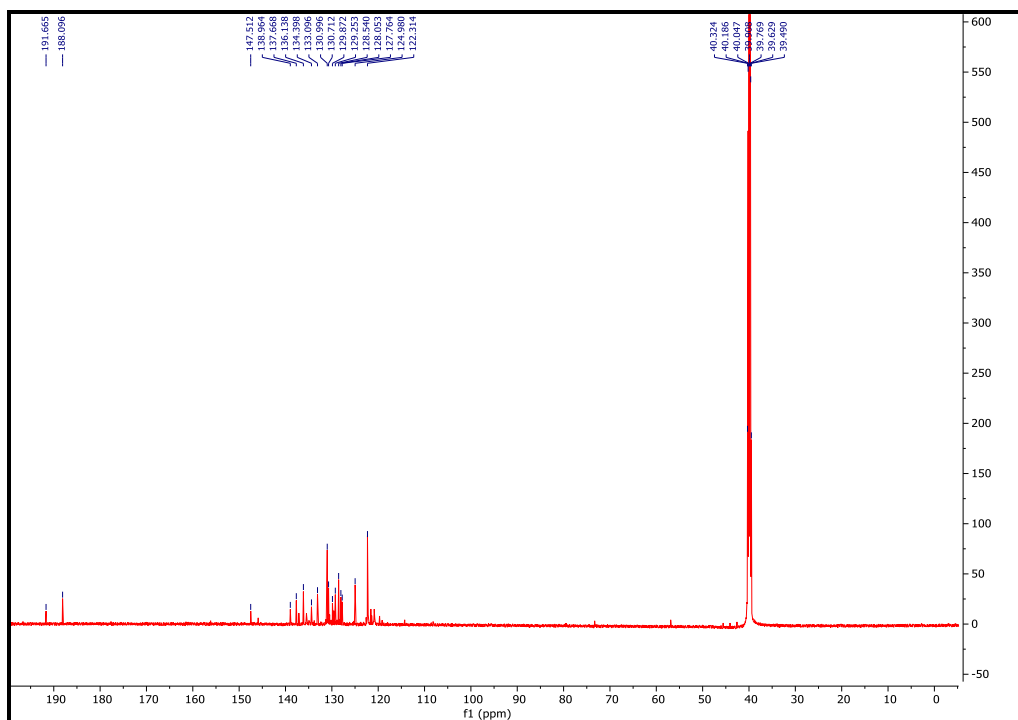


Fig. S27. ^{13}C NMR spectrum of compound **10**

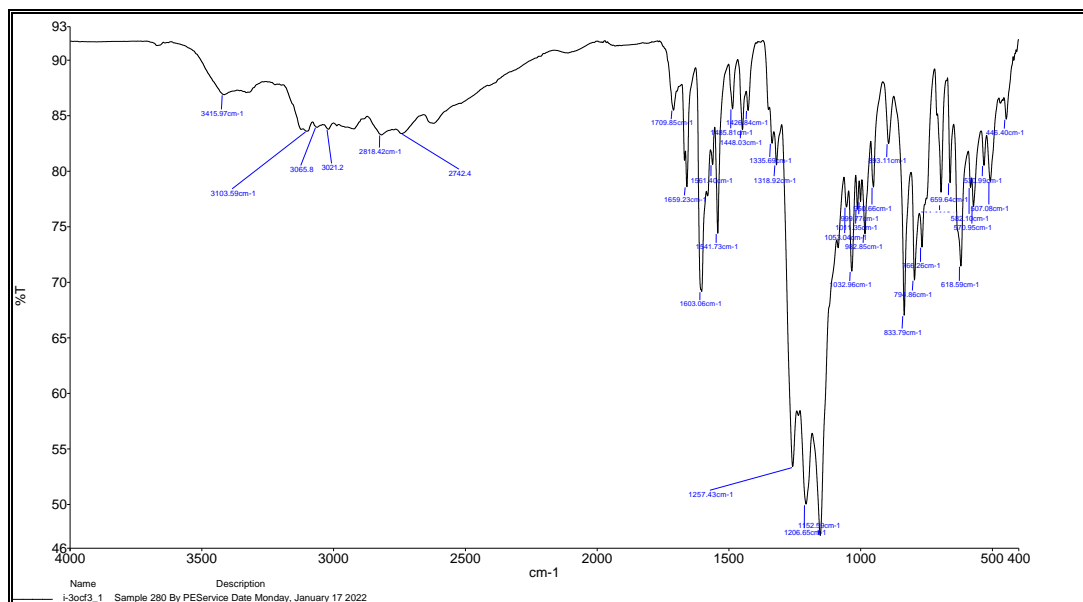


Fig. S28. FTIR spectrum of compound **11**

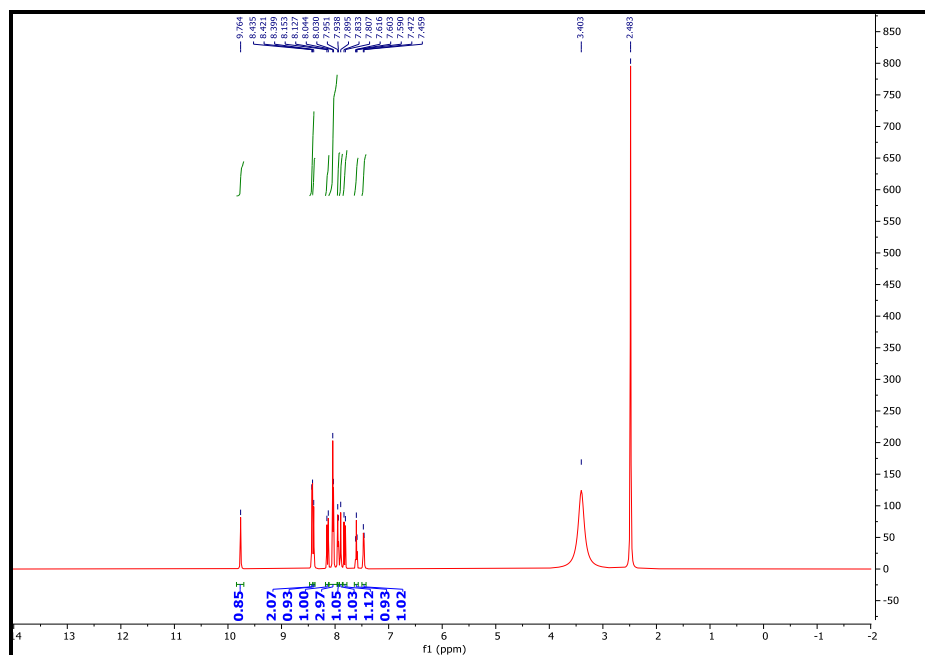


Fig. S29. ^1H NMR spectrum of compound **11**

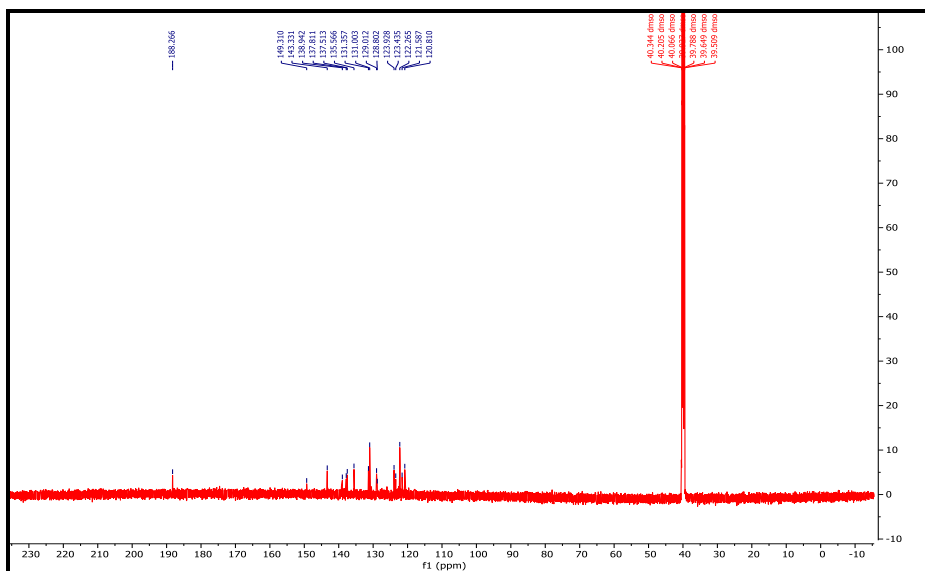


Fig. S30. ^{13}C NMR spectrum of compound **11**