

Supplementary Material

Environmentally benign synthesis of isoxazolone derivatives using lemon juice under ultrasonic conditions

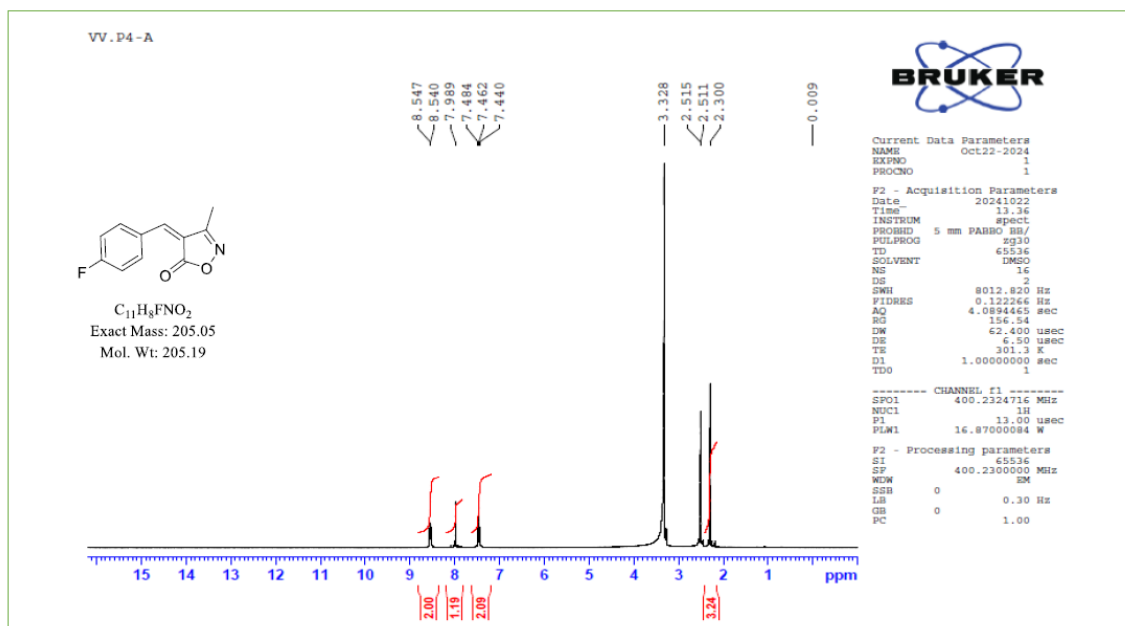
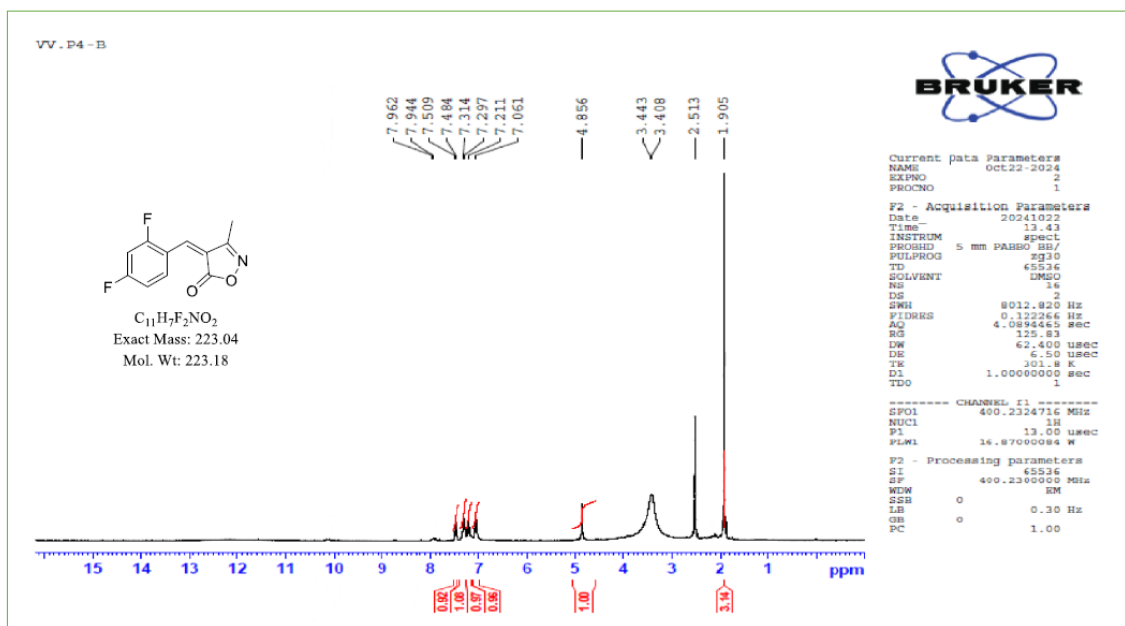
Vilas Vane,^a Ramesh Mokal,^a Gopinath Shirole,^b and Suresh Jadhavar^{a*}

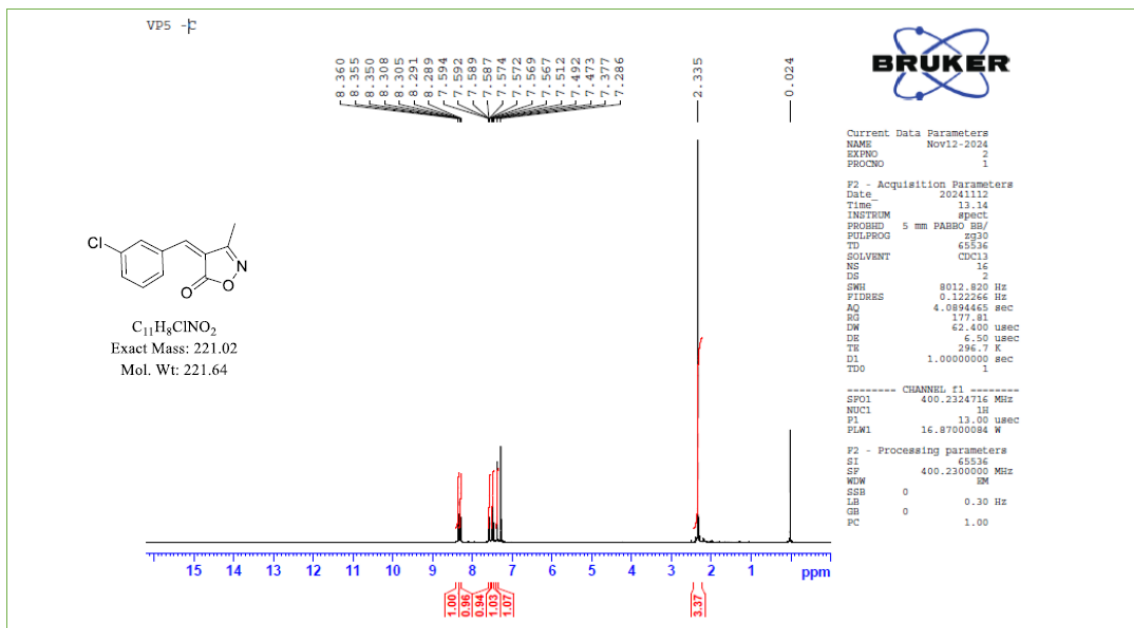
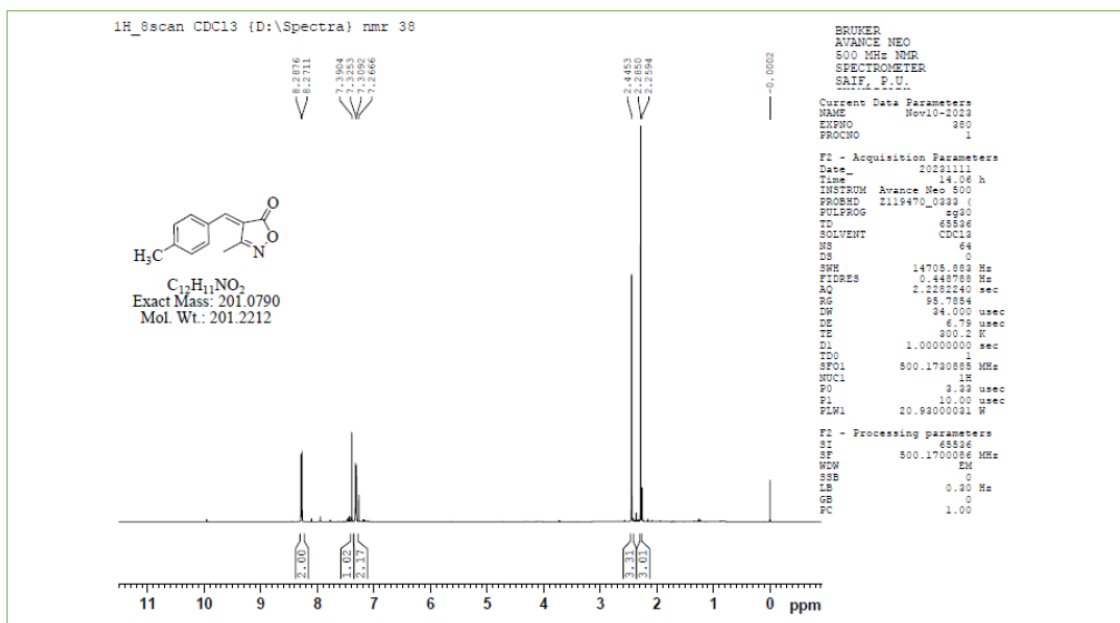
^a Department of Chemistry, Yogeshwari Mahavidyalaya, Ambajogai - 431517 (MS), India.

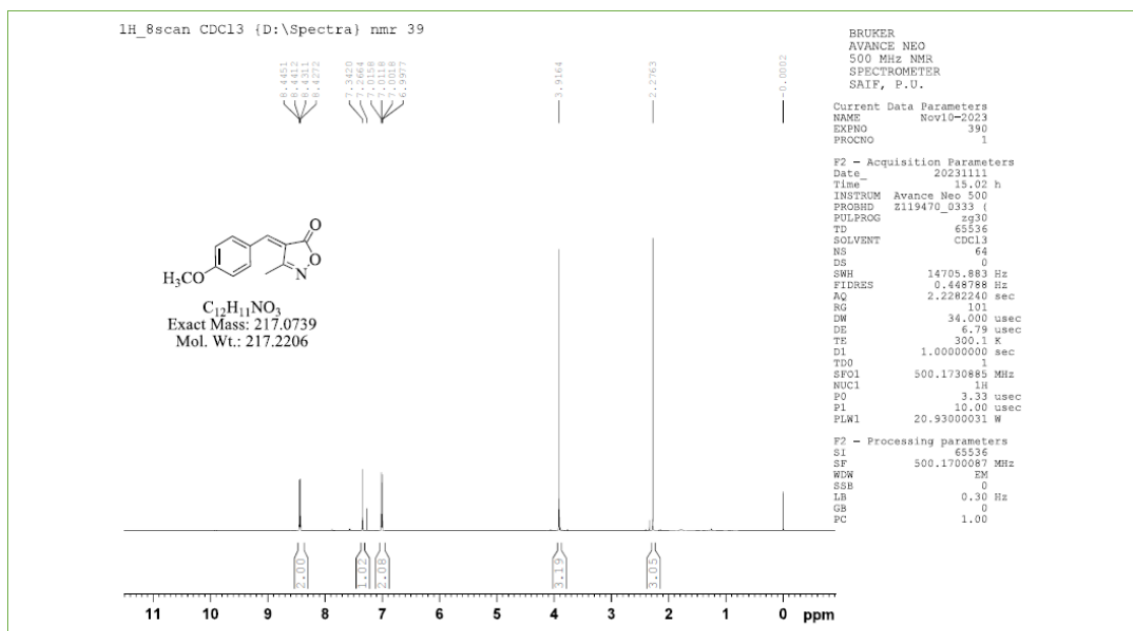
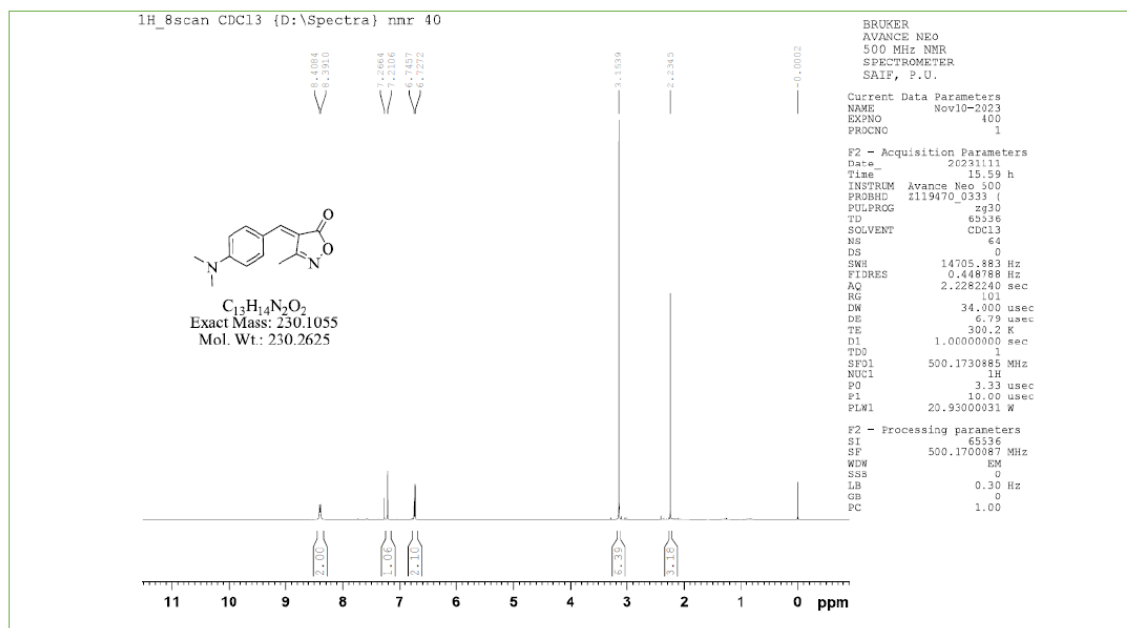
^b Department of Chemistry, A.S.C. College, Rahata, Ahmednagar - 423107 (MS), India
Email: sujadhavar@gmail.com

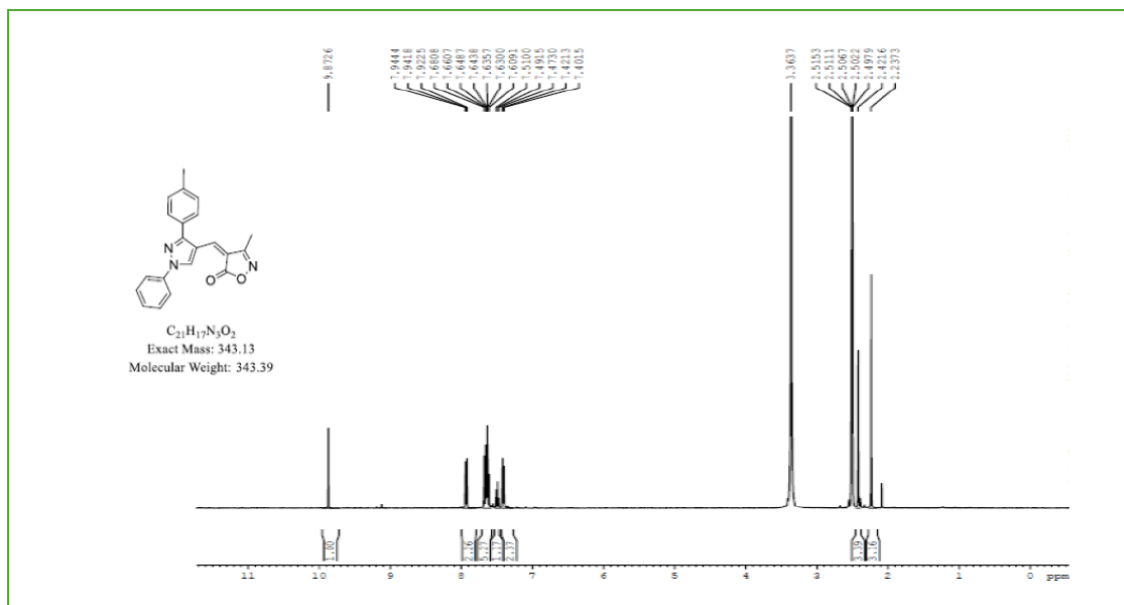
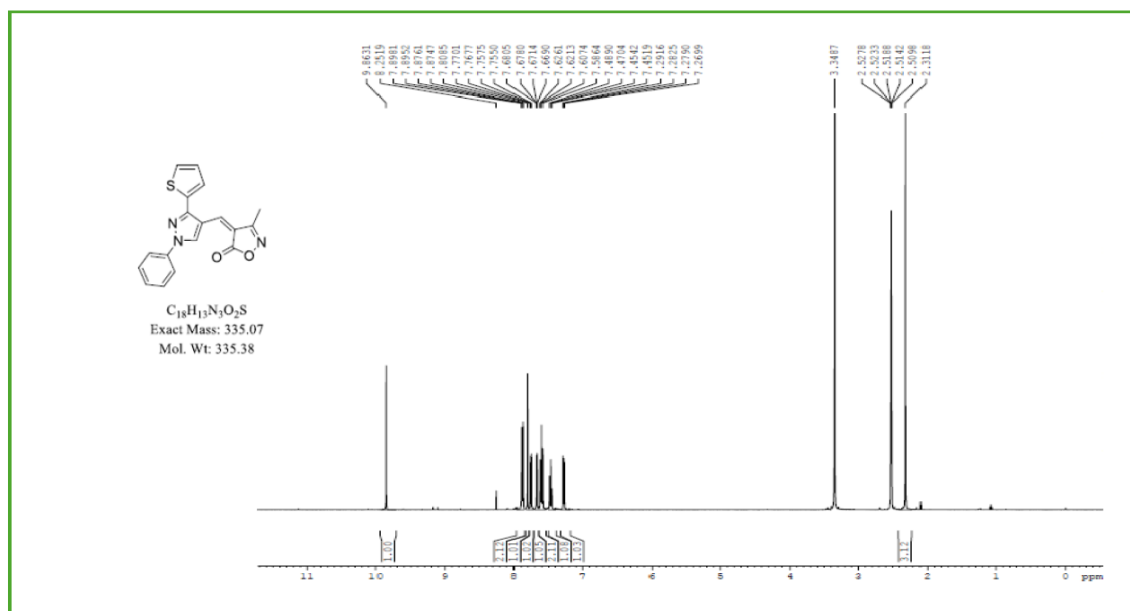
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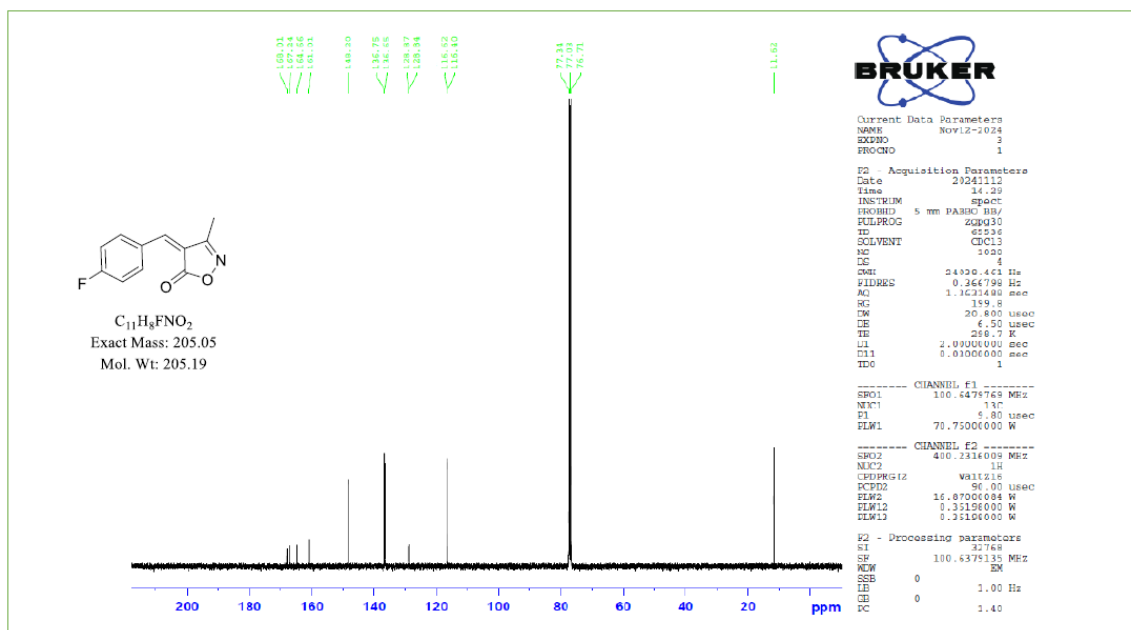
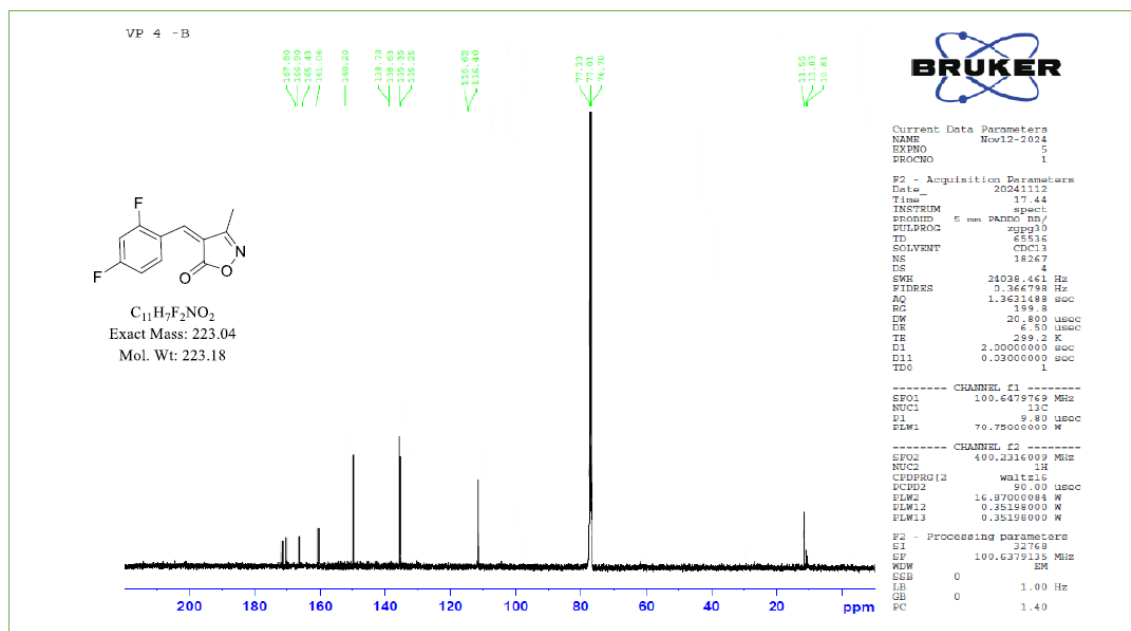
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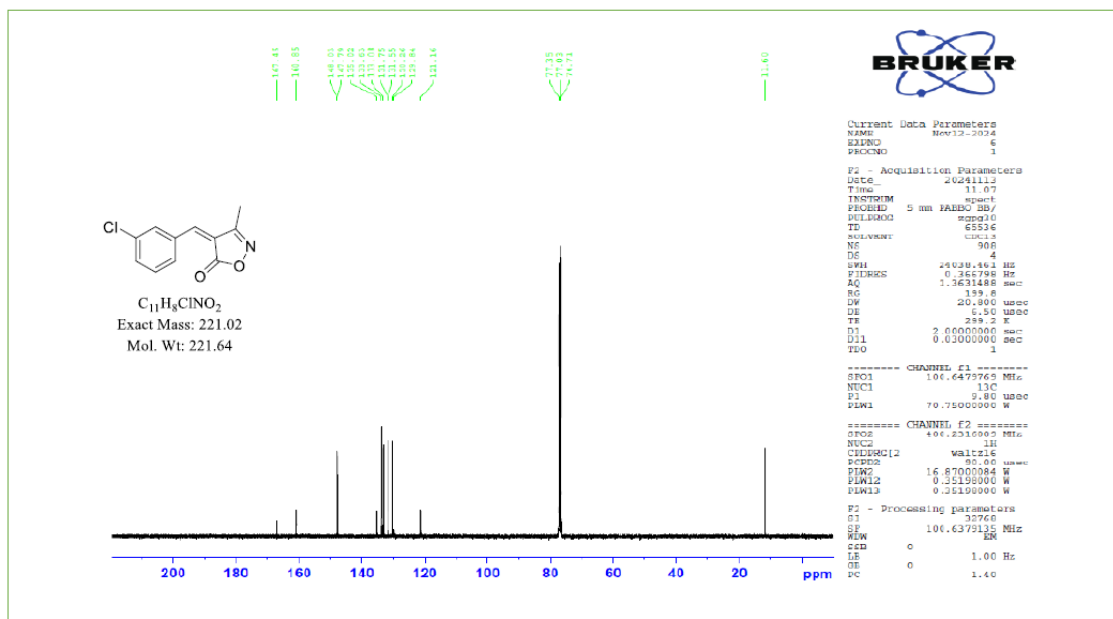
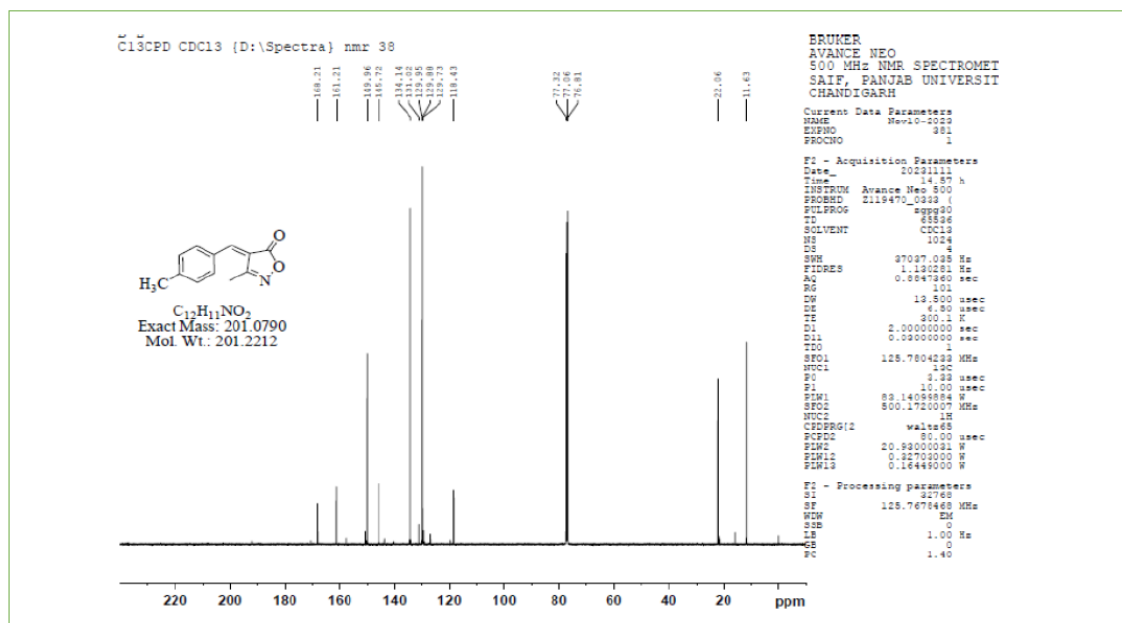
¹H NMR spectra of synthesized compoundFigure S1. ¹H NMR spectrum of Comp-4aFigure S2. ¹H NMR spectrum of Comp-4b

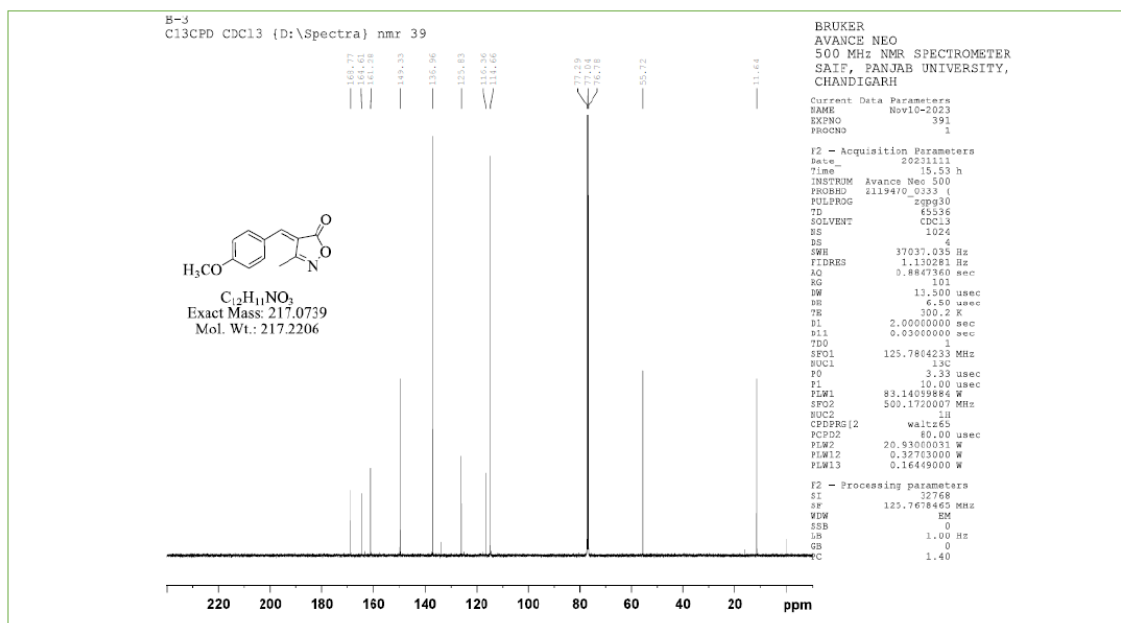
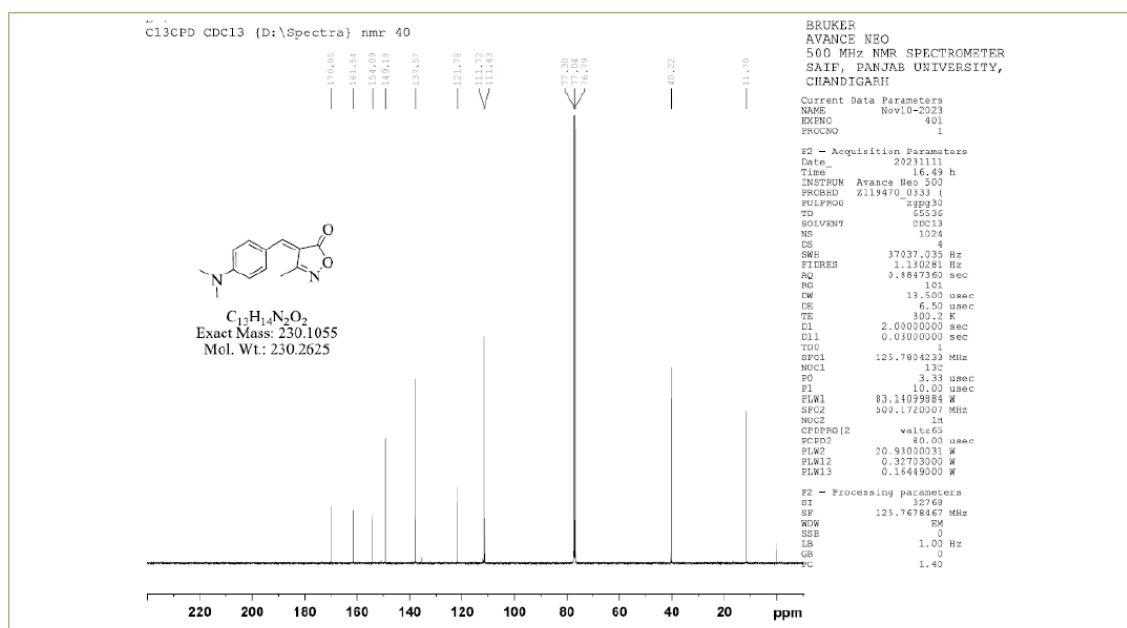
Figure S3. 1H NMR spectrum of Comp-4cFigure S4. 1H NMR spectrum of Comp-4d

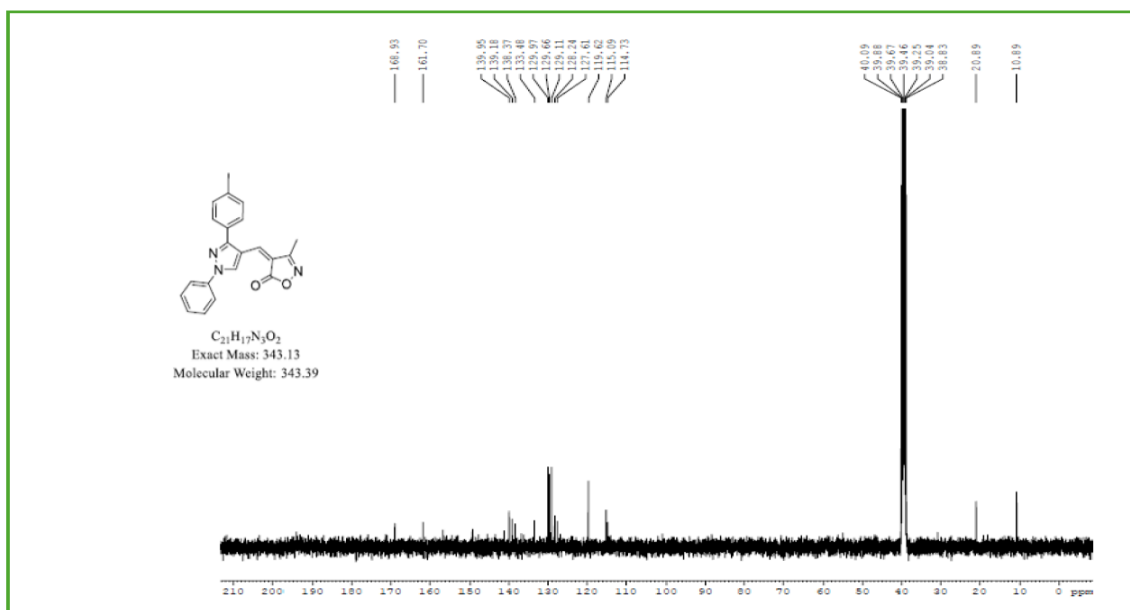
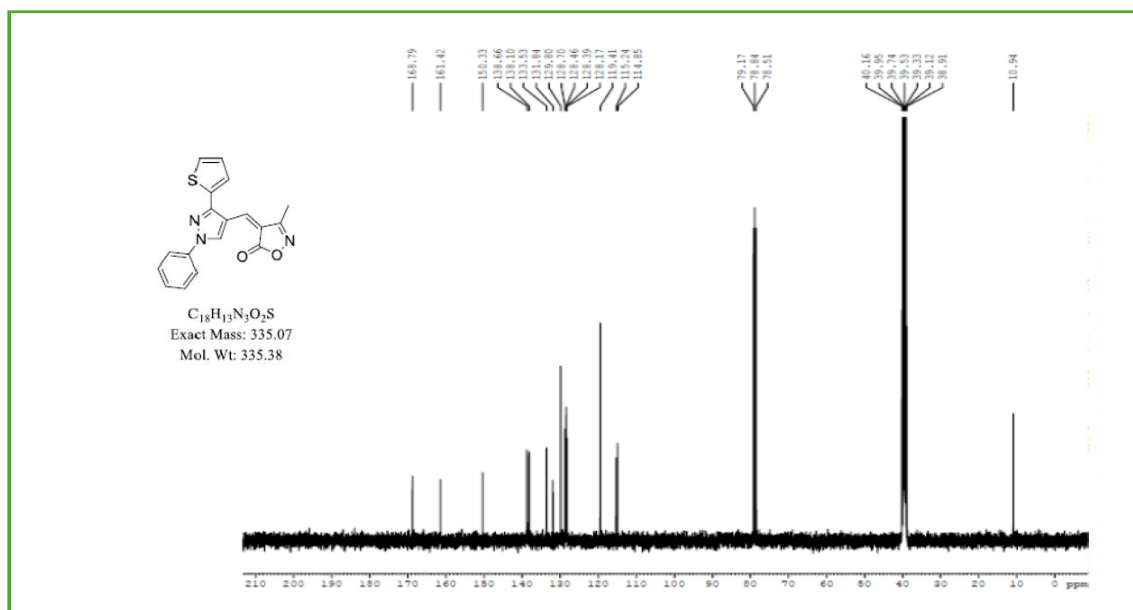
Figure S5. 1H NMR spectrum of Comp-4eFigure S6. 1H NMR spectrum of Comp-4f

Figure S7. 1H NMR spectrum of Comp-4gFigure S8. 1H NMR spectrum of Comp-4h

^{13}C NMR spectra of synthesized compoundFigure S9. ^{13}C NMR spectrum of Comp-4aFigure S10. ^{13}C NMR spectrum of Comp-4b

Figure S11. ^{13}C NMR spectrum of Comp-4cFigure S12. ^{13}C NMR spectrum of Comp-4d

Figure S13. ^{13}C NMR spectrum of Comp-4eFigure S14. ^{13}C NMR spectrum of Comp-4f

Figure S15. ¹³C NMR spectrum of Comp-4gFigure S16. ¹³C NMR spectrum of Comp-4h

Mass spectra of synthesized compound

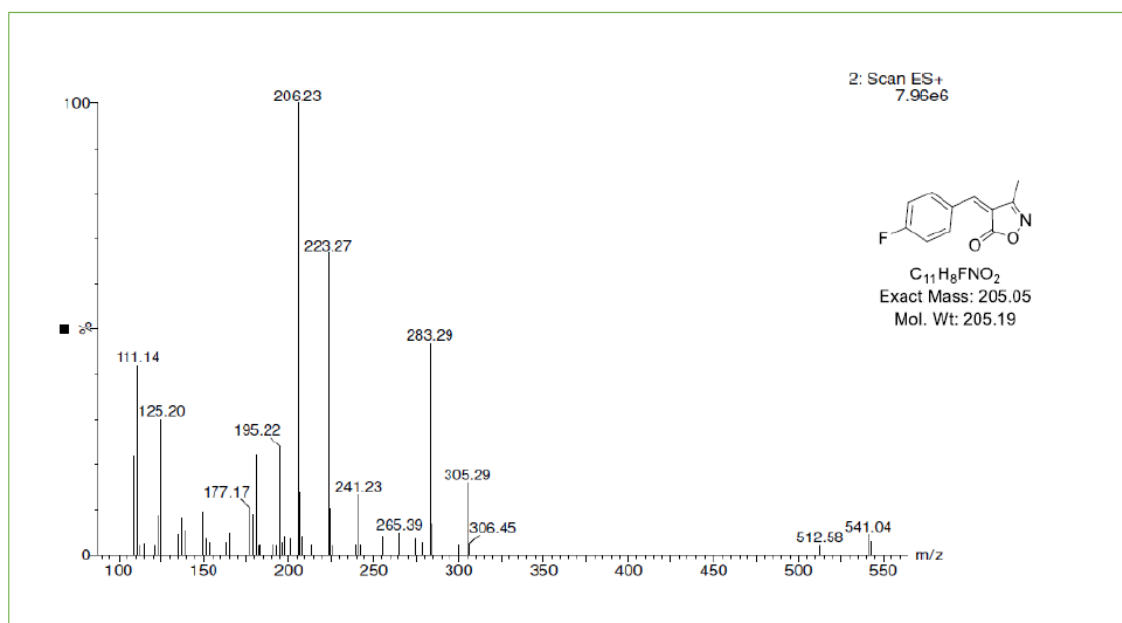


Figure S17. Mass spectra of Comp-4a

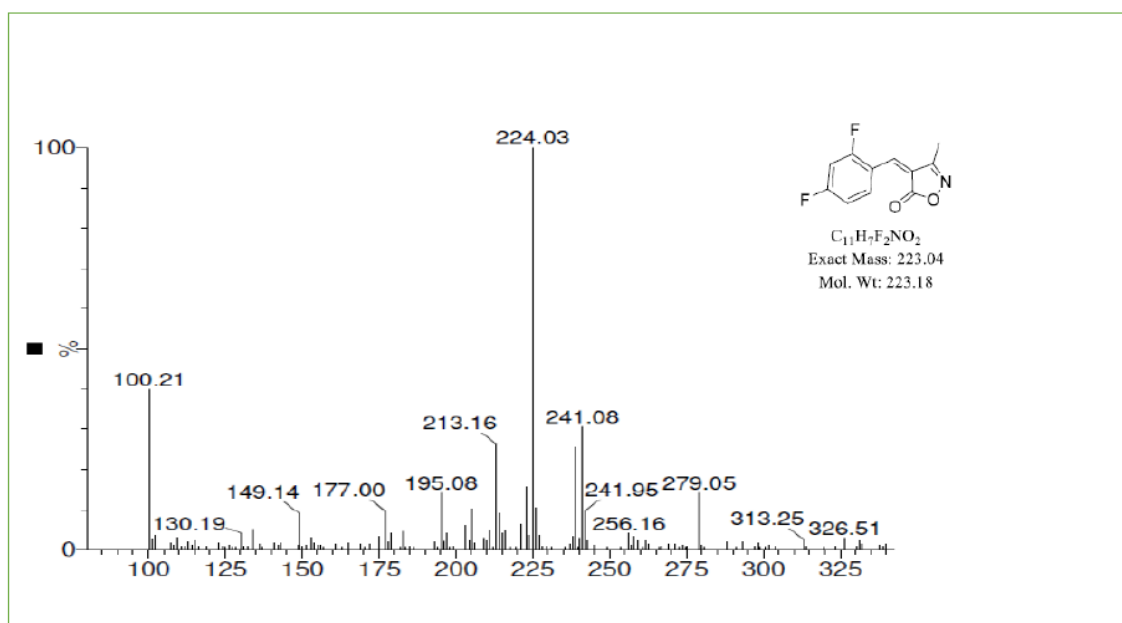


Figure S18. Mass spectra of Comp-4b

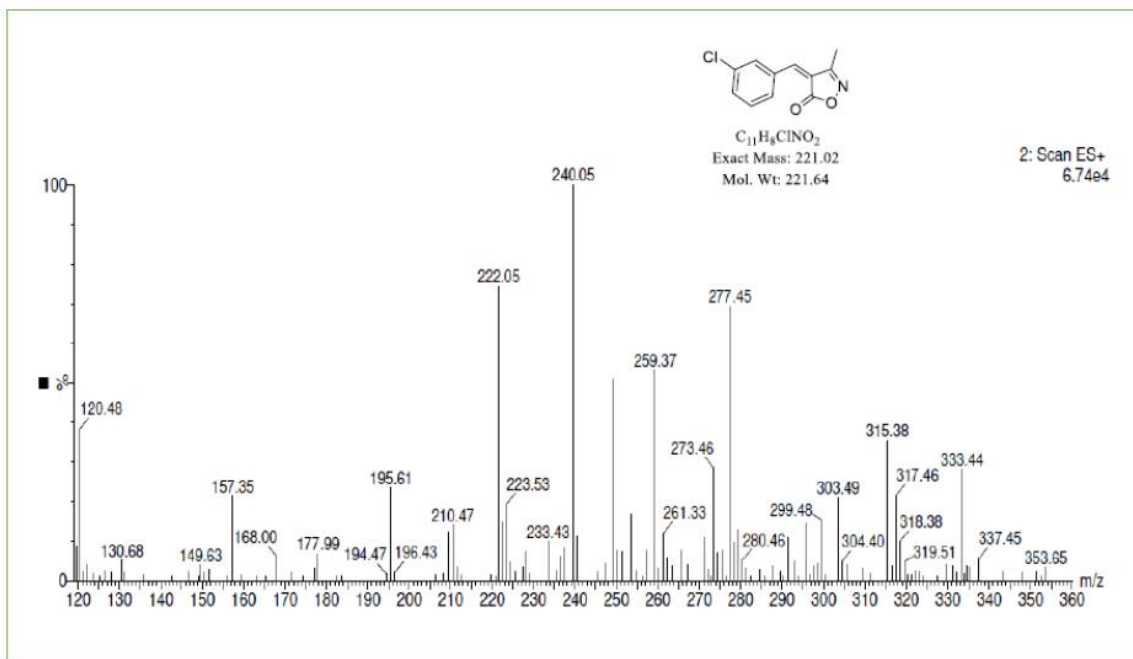


Figure S19. Mass spectra of Comp-4c

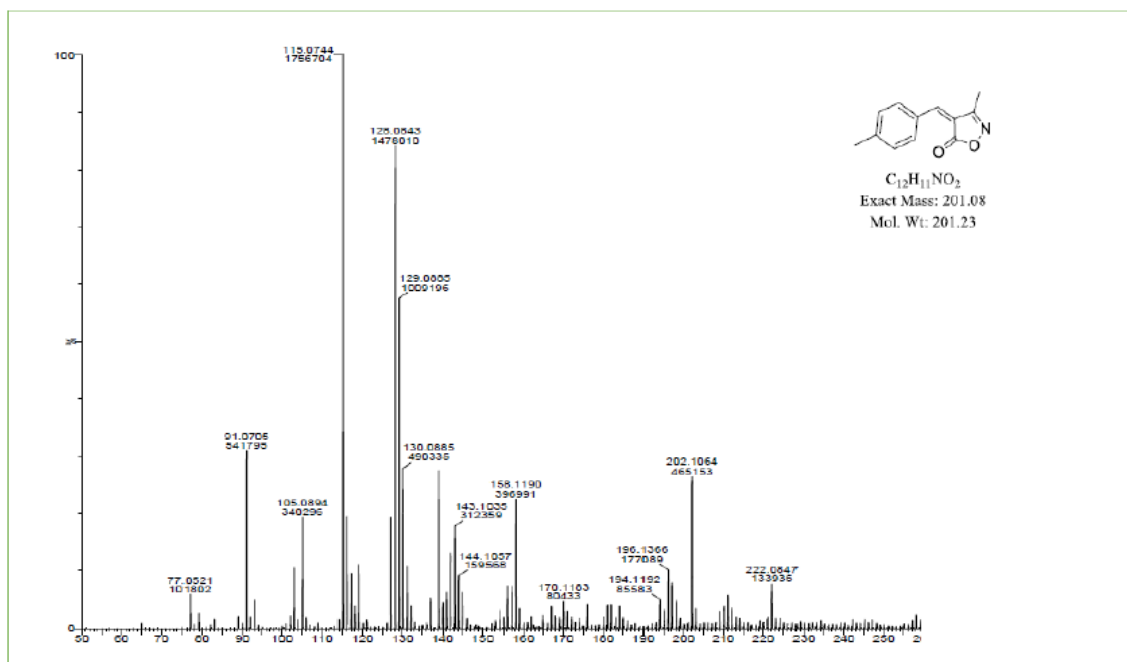


Figure S20. Mass spectra of Comp-4d

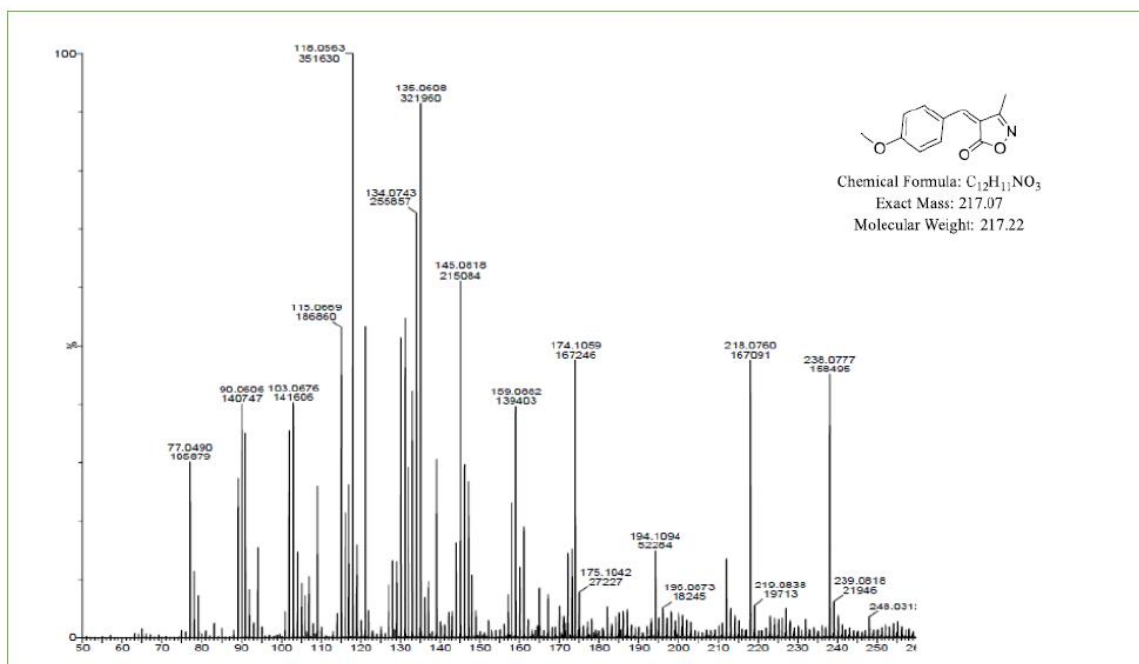


Figure S21. Mass spectra of Comp-4e

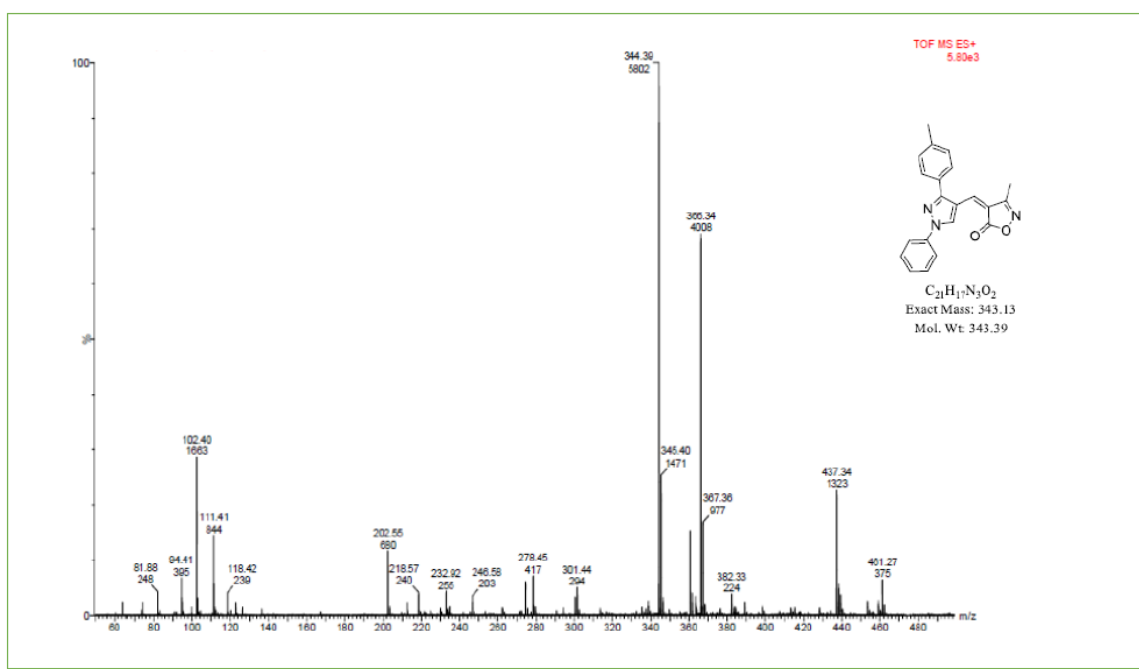


Figure S22. Mass spectra of Comp-4g

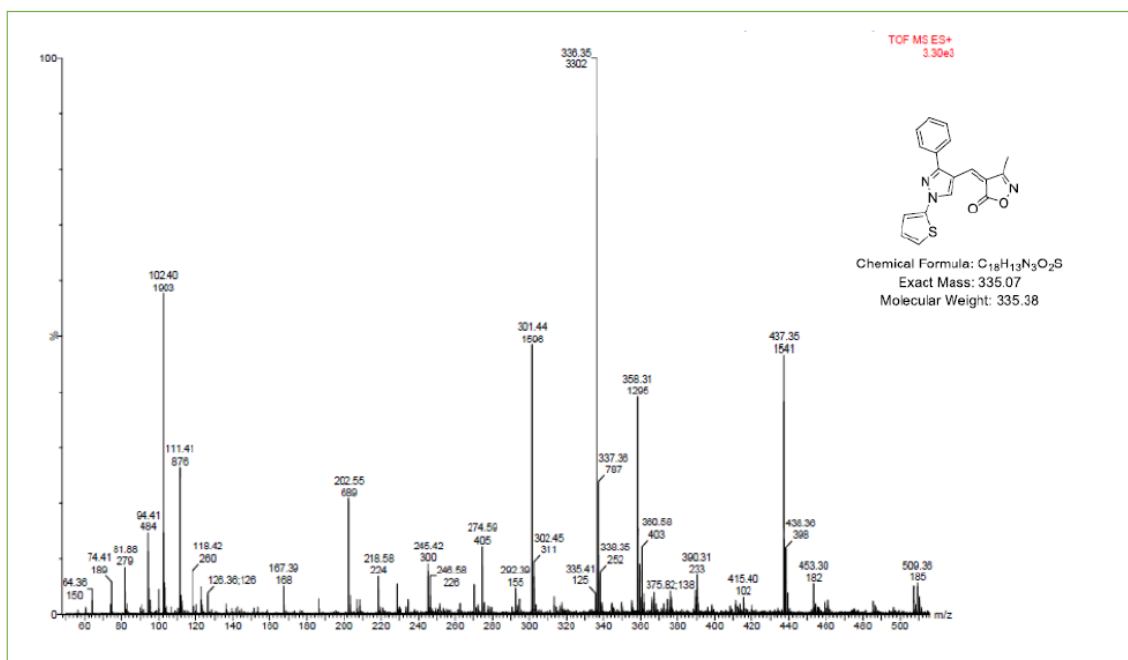


Figure S23. Mass spectra of Comp-4h

IR spectra of synthesized compound

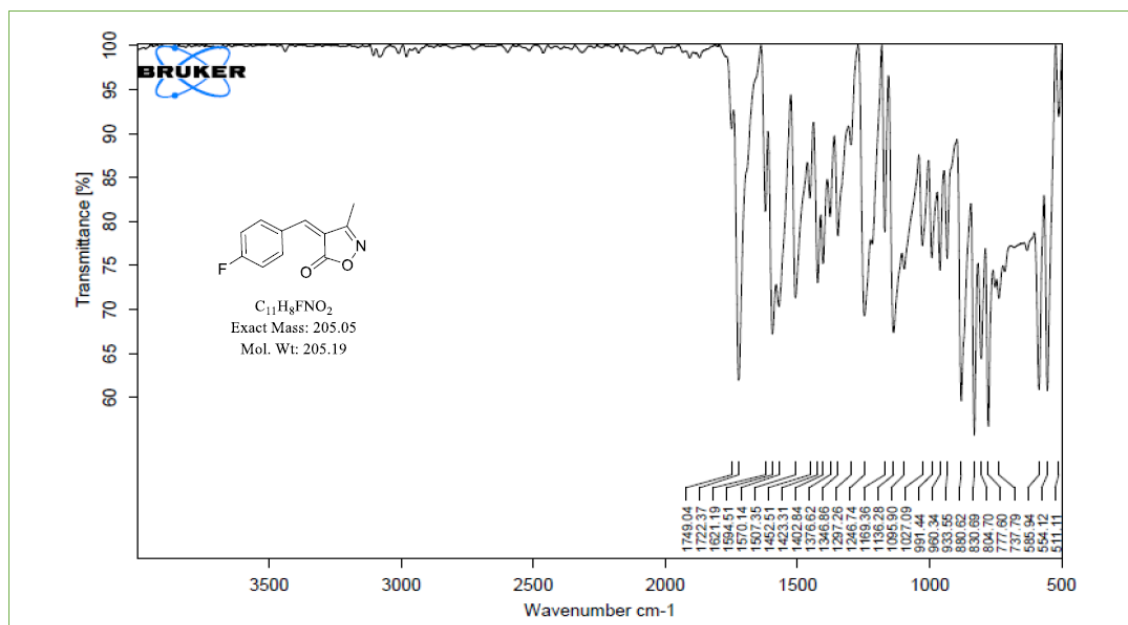


Figure S24. IR spectrum of Comp-4a

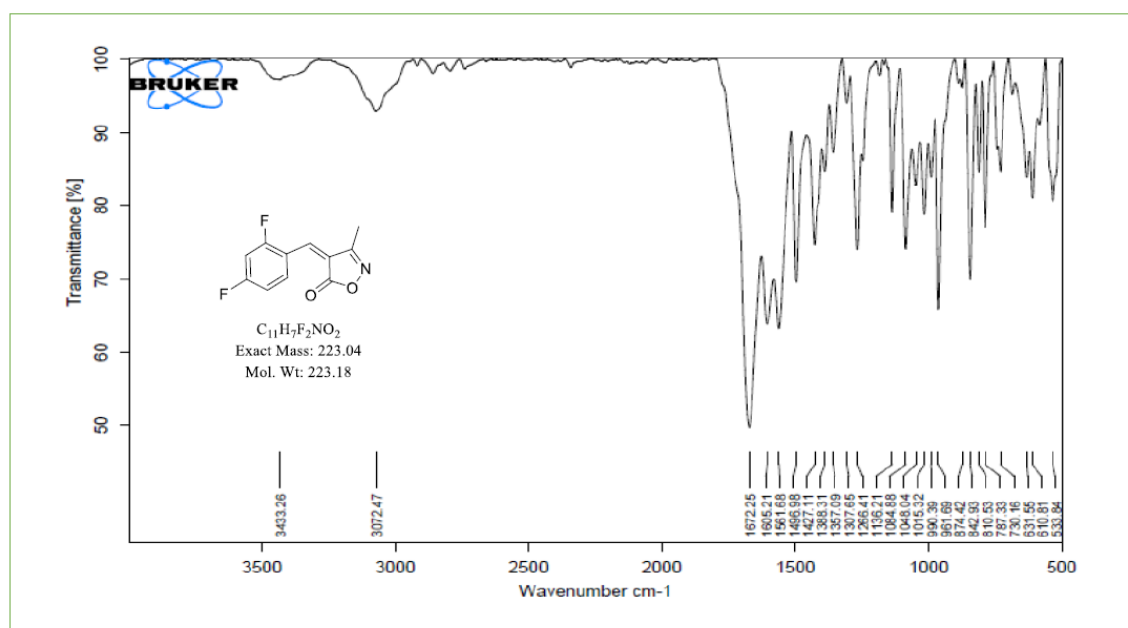


Figure S25. IR spectrum of Comp-4b

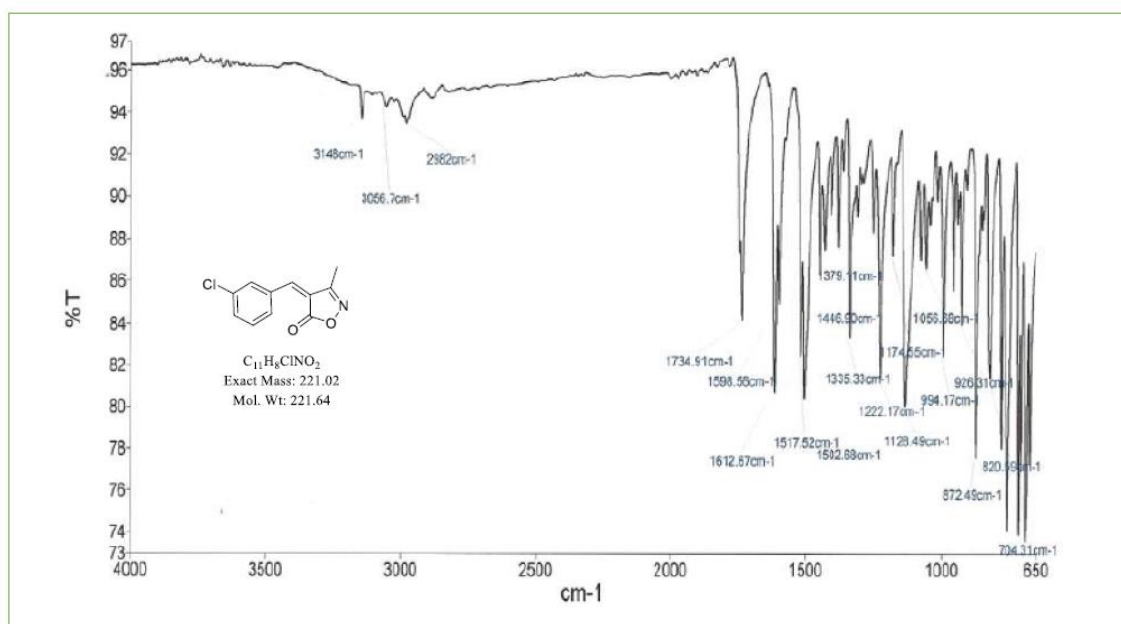


Figure S26. IR spectrum of Comp-4c

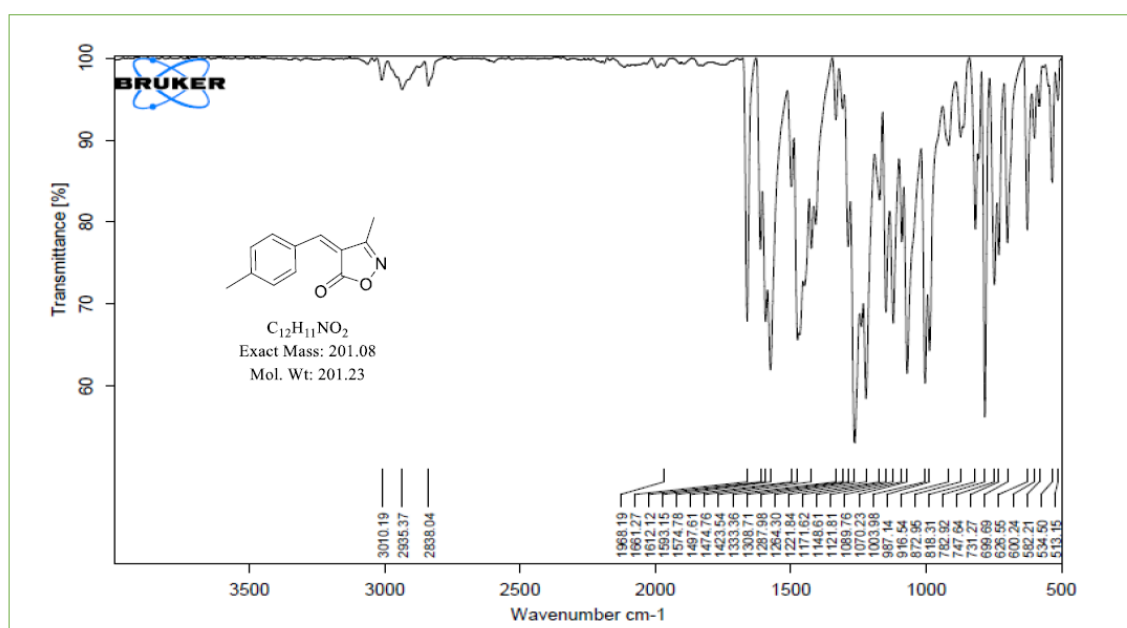


Figure S27. IR spectrum of Comp-4d

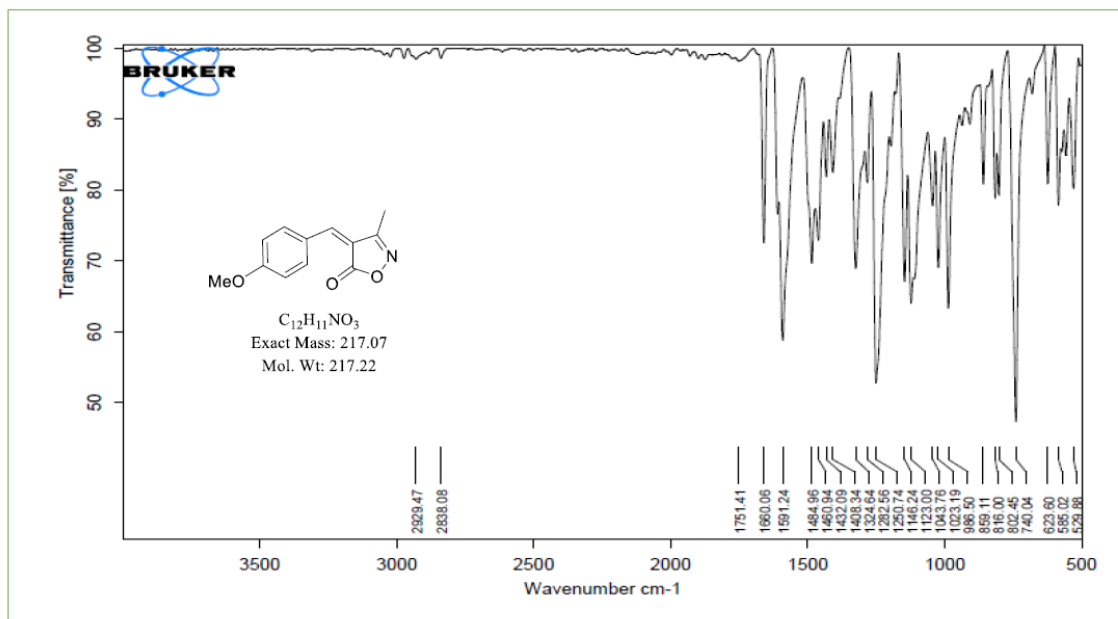


Figure S28. IR spectrum of Comp-4e

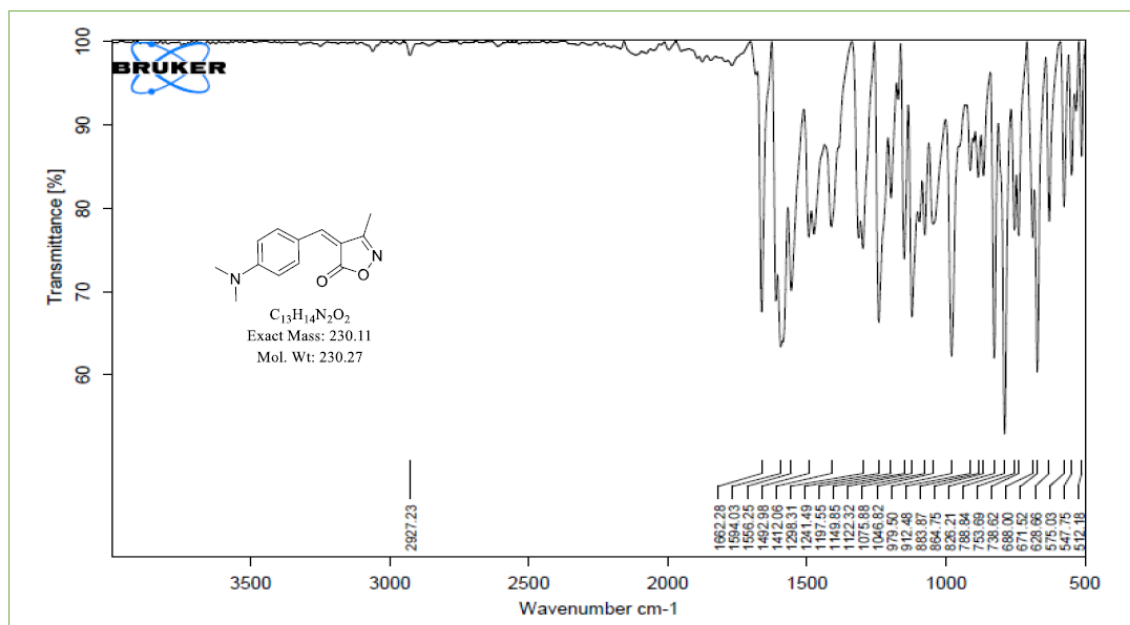


Figure S29. IR spectrum of Comp-4f

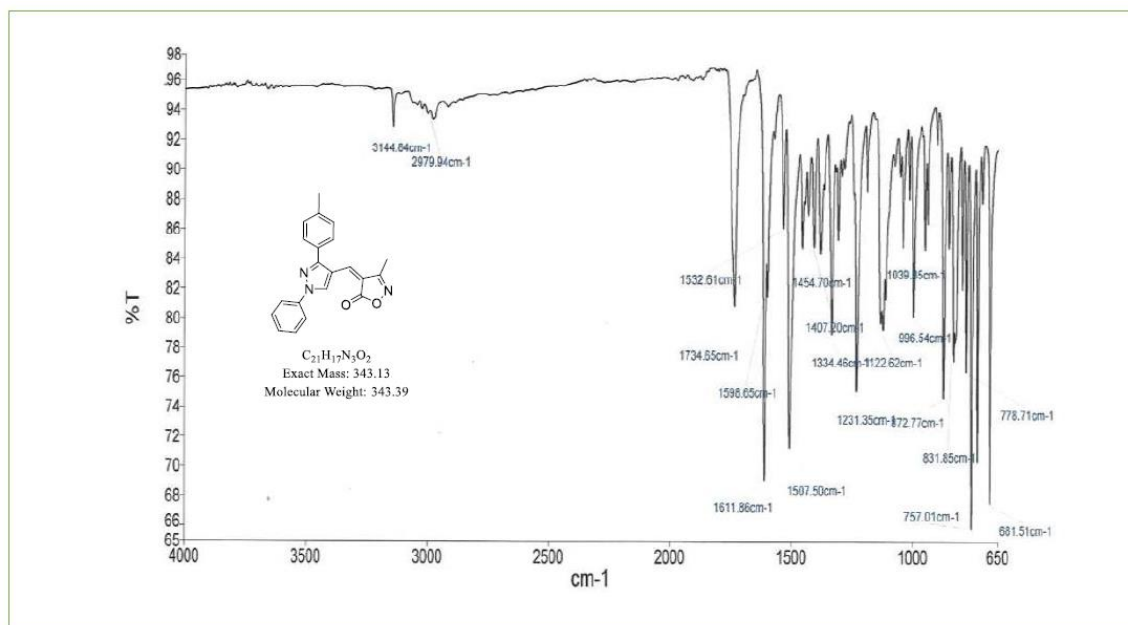


Figure S30. IR spectrum of Comp-4g

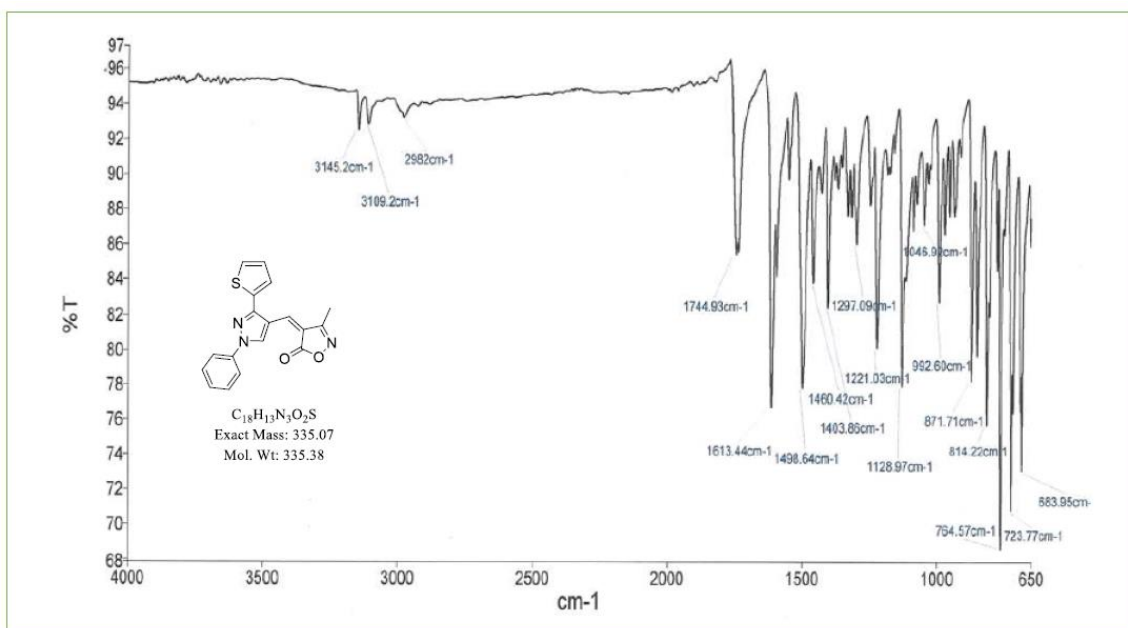


Figure S31. IR spectrum of Comp-4h