

Multicomponent Approach to the Synthesis and Spectral Characterization of Some 3,5-Pyrazolididione Derivatives and Evaluation as Anti-inflammatory Agents

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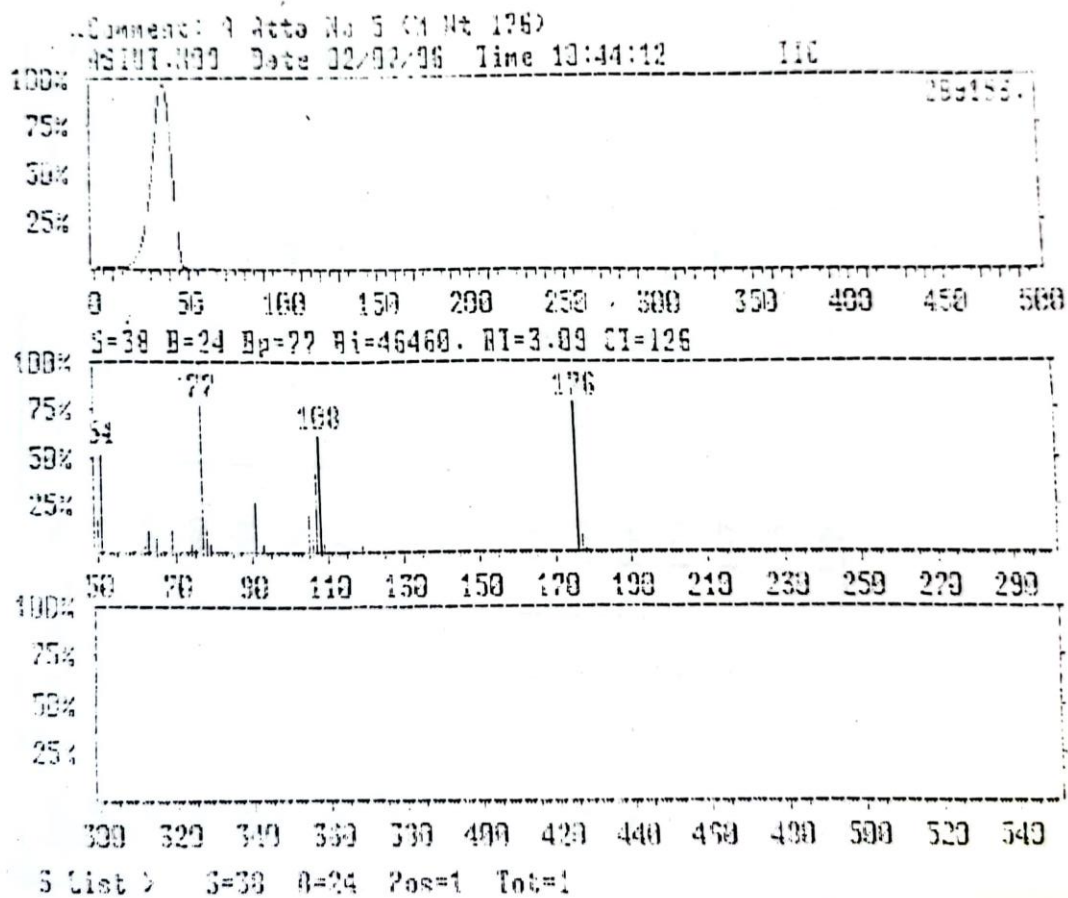
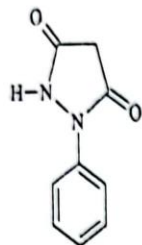
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^fSoils, Water, and Environment Research Institute, Agricultural Research Center, Giza, Egypt

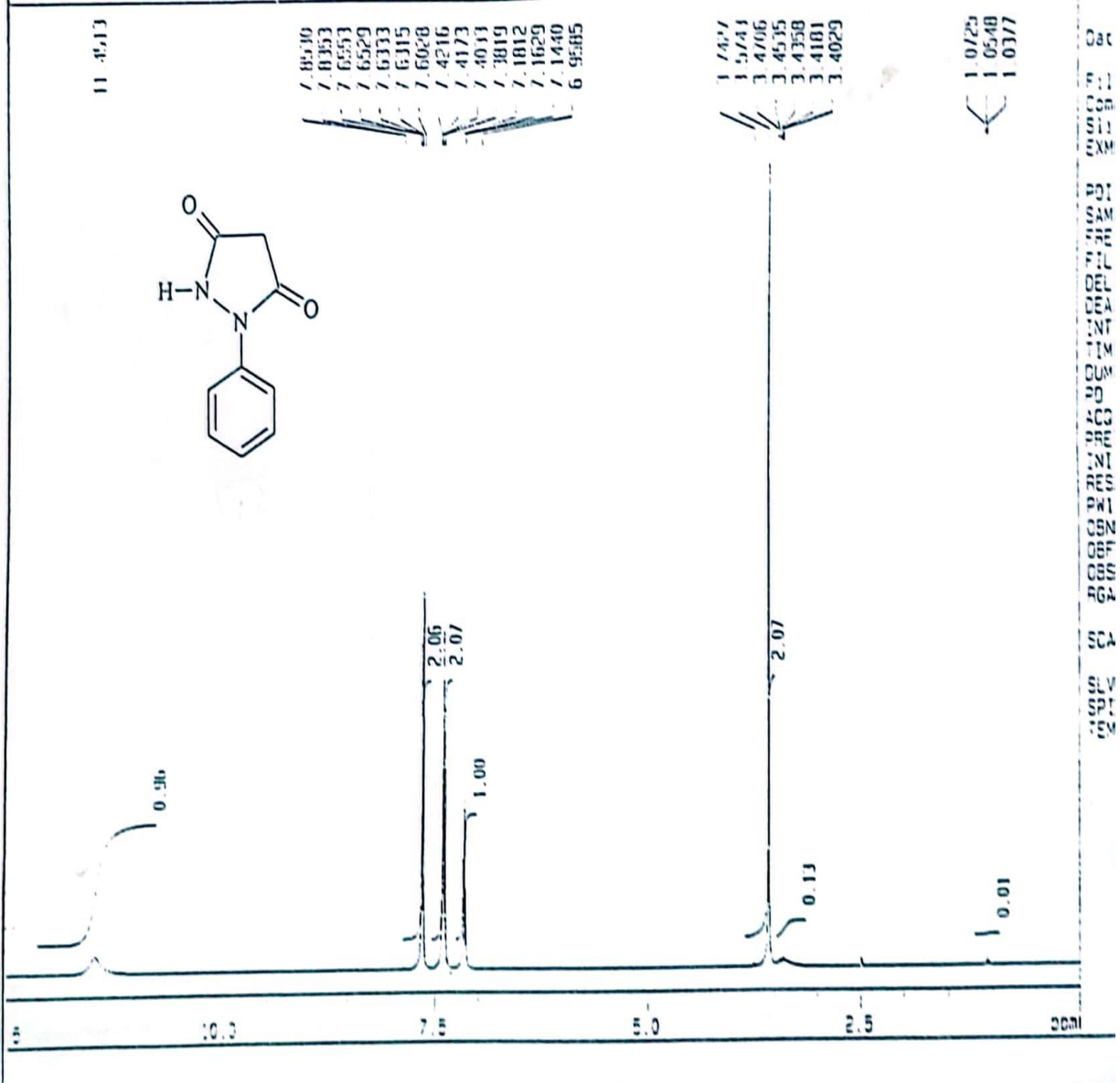
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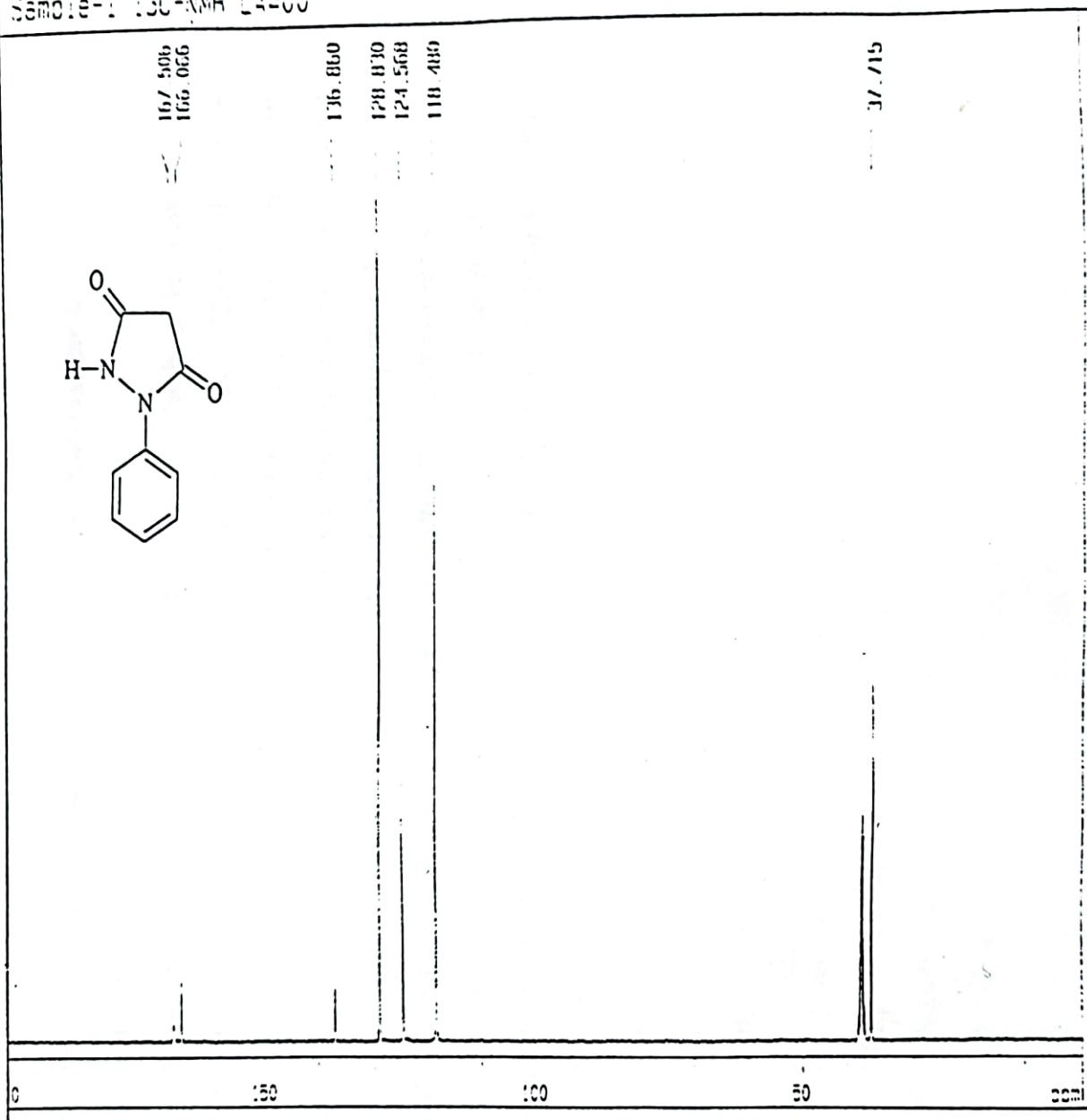
S1. MS Spectrum of compound 8

Sample-1 1H-NMR 1400

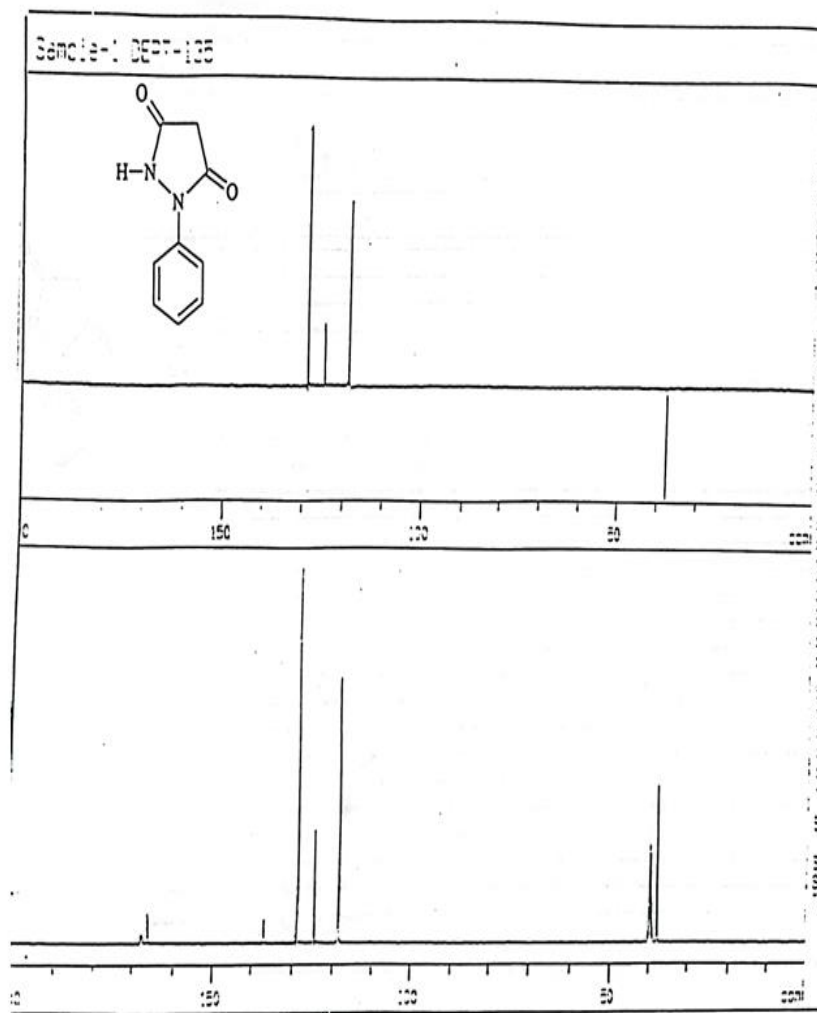


S2. ¹H NMR Spectrum of compound 8

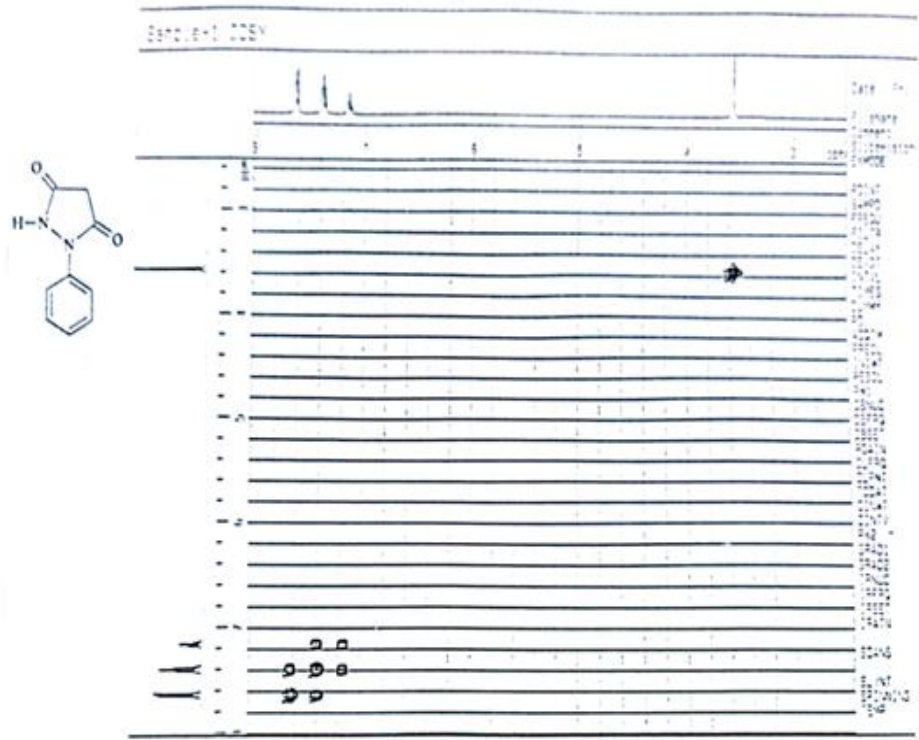
Sample-1: ¹³C-NMR LA-100



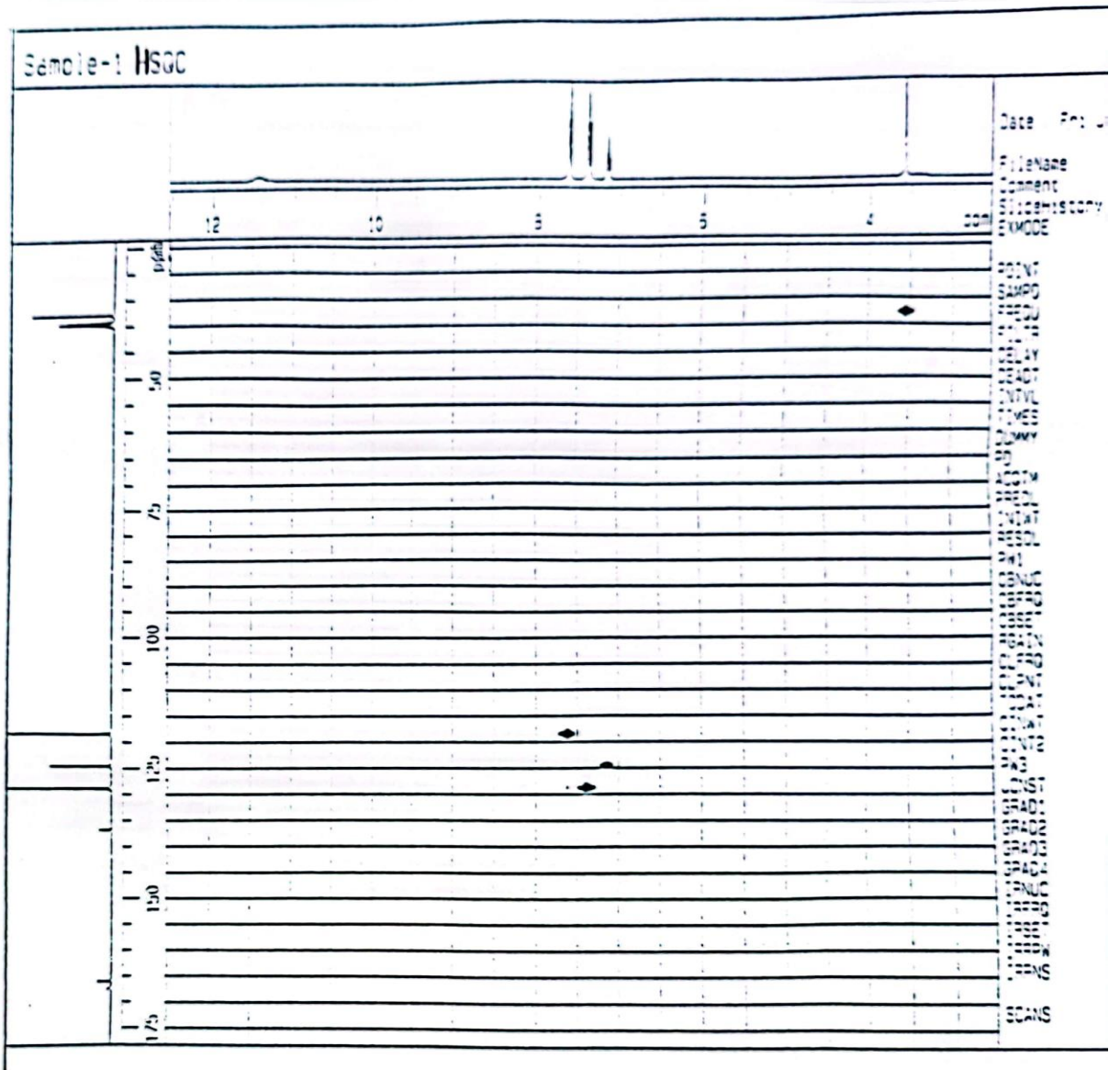
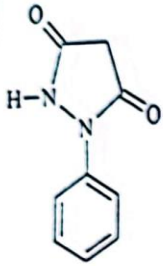
S3. ¹³C NMR Spectrum of compound 8



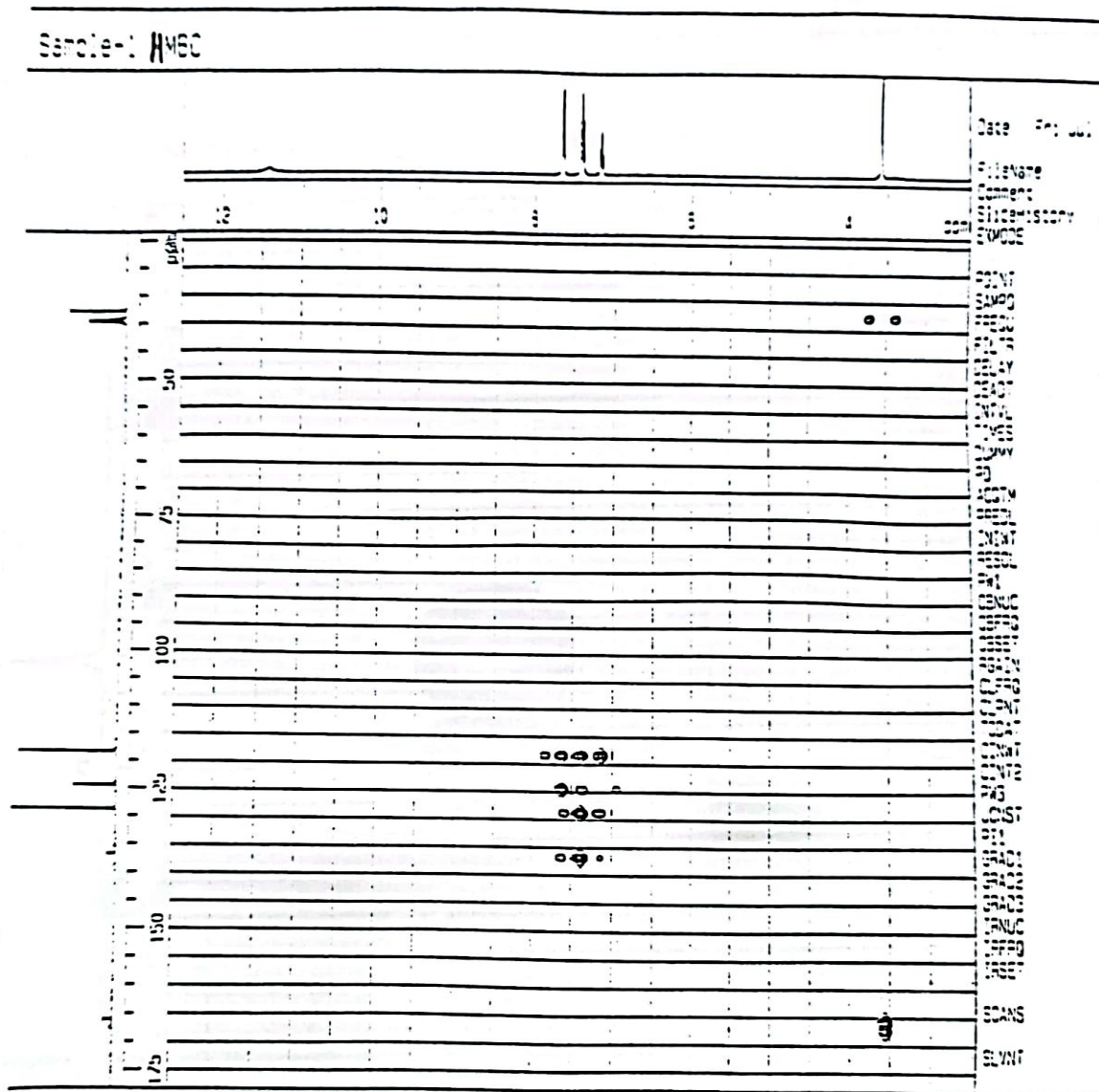
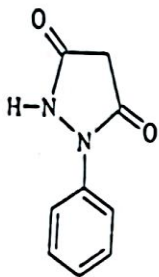
S4. DEPT-135 Spectrum of compound 8



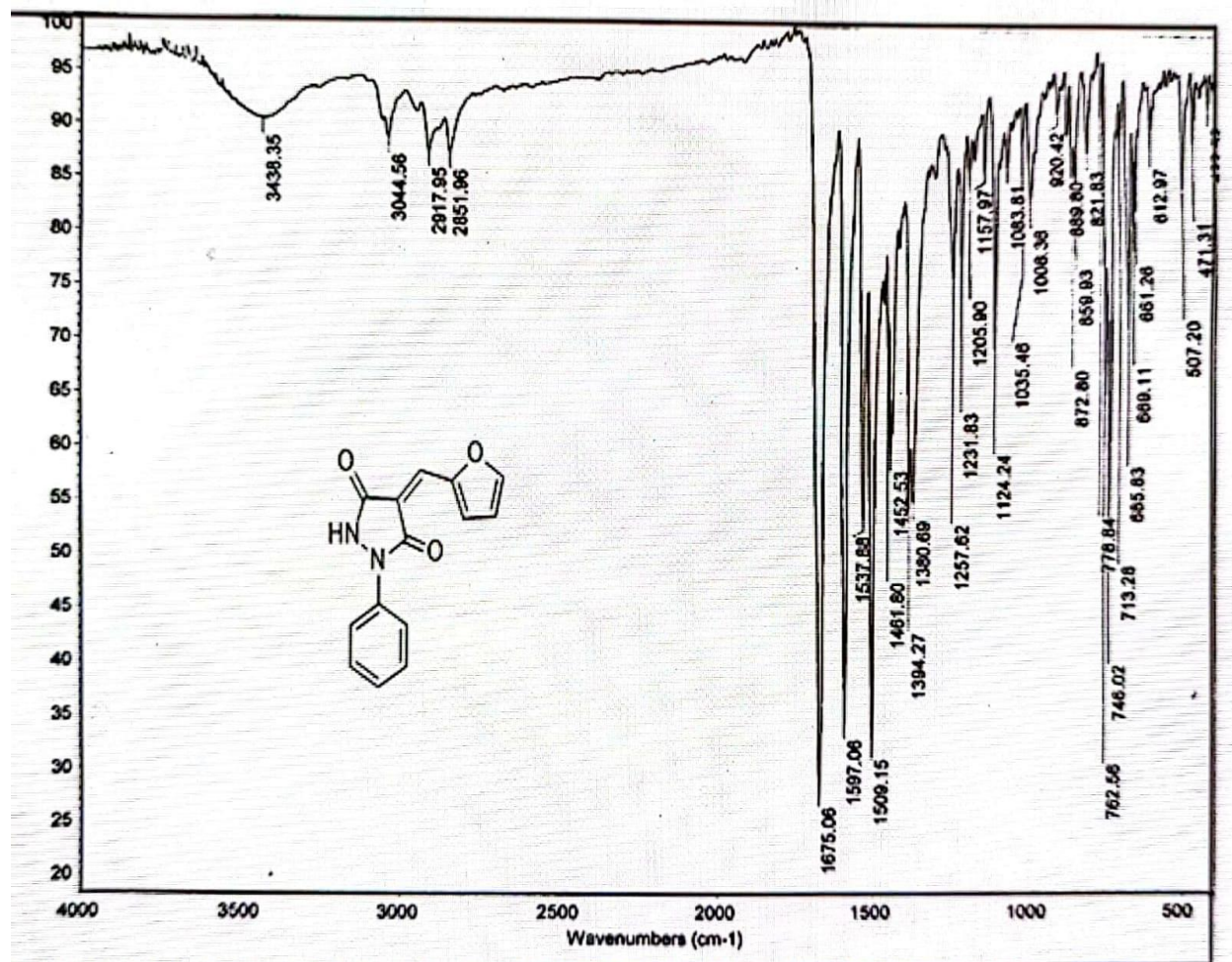
S5. COSY Spectrum of compound 8



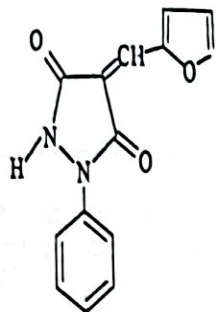
S6. HSQC Spectrum of compound 8



S7. COSY Spectrum of compound 8



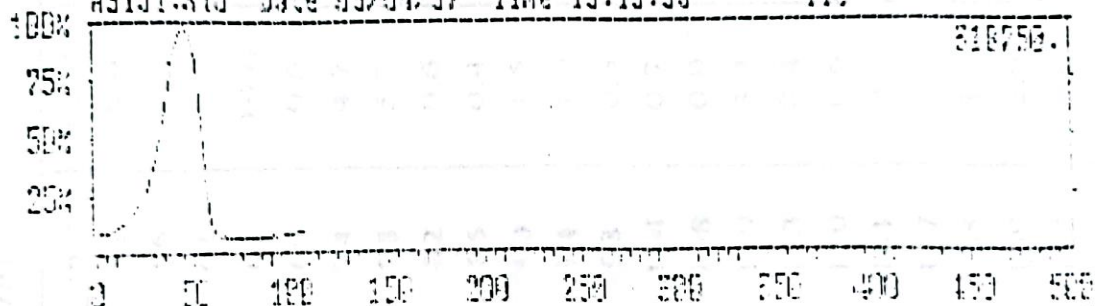
S8. IR Spectrum of compound 15a



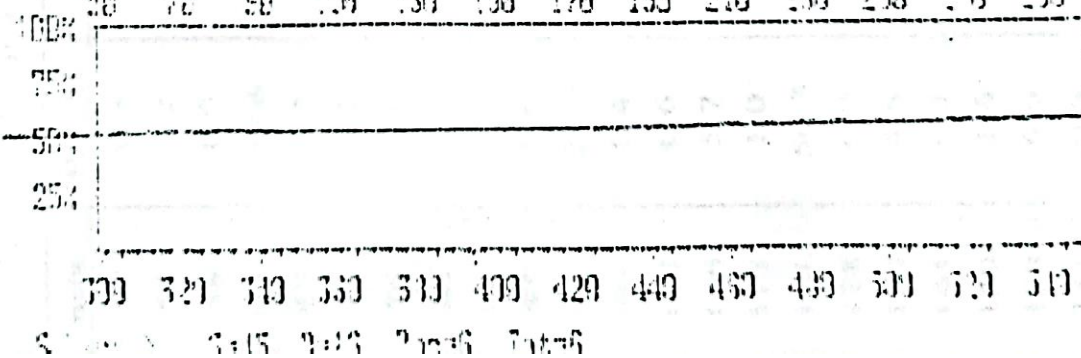
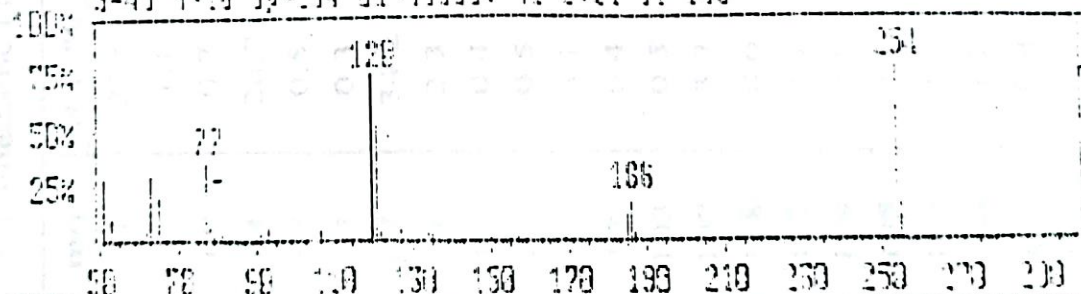
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AS101.X10 Date 03/04/97 Time 15:19:53

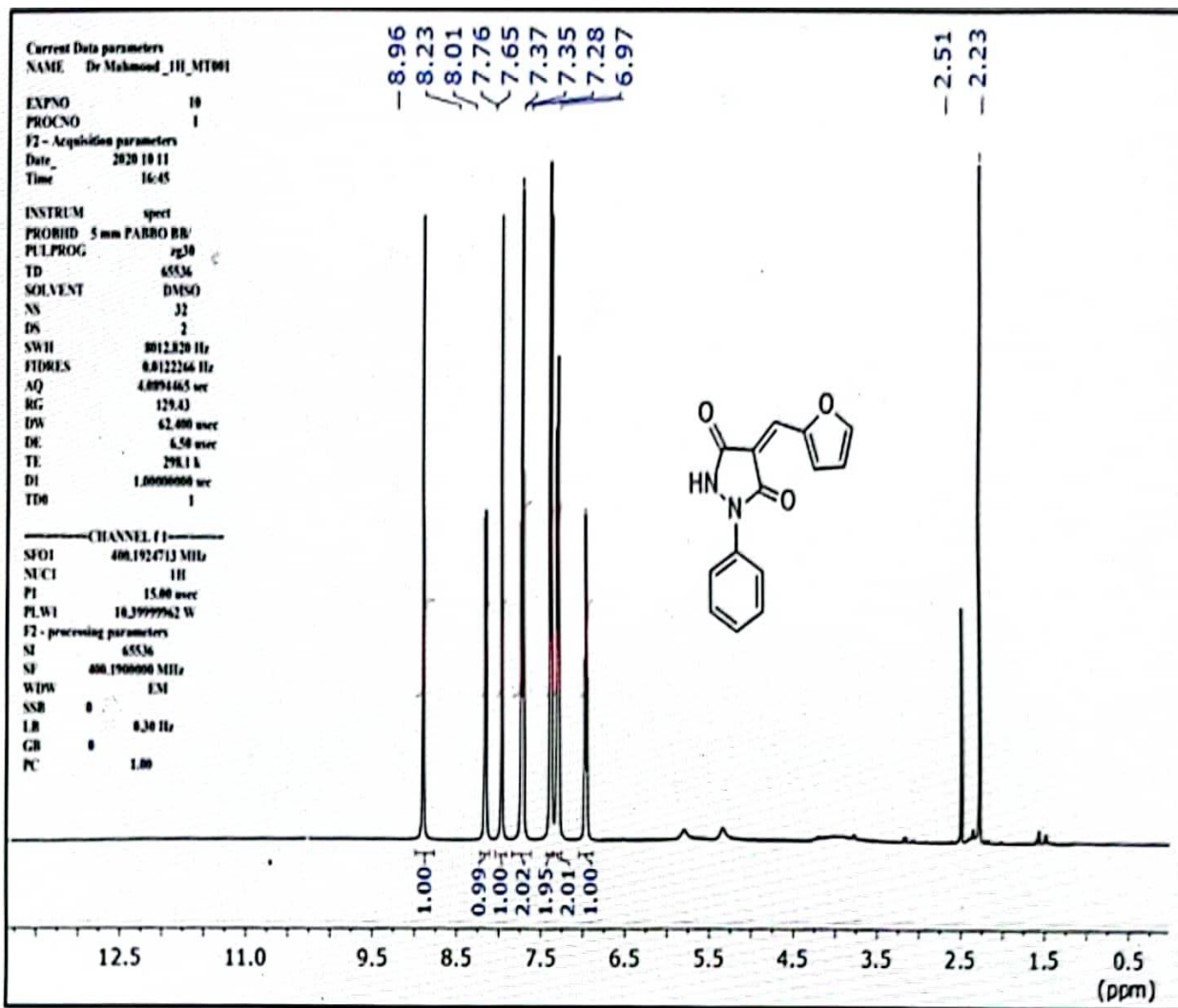
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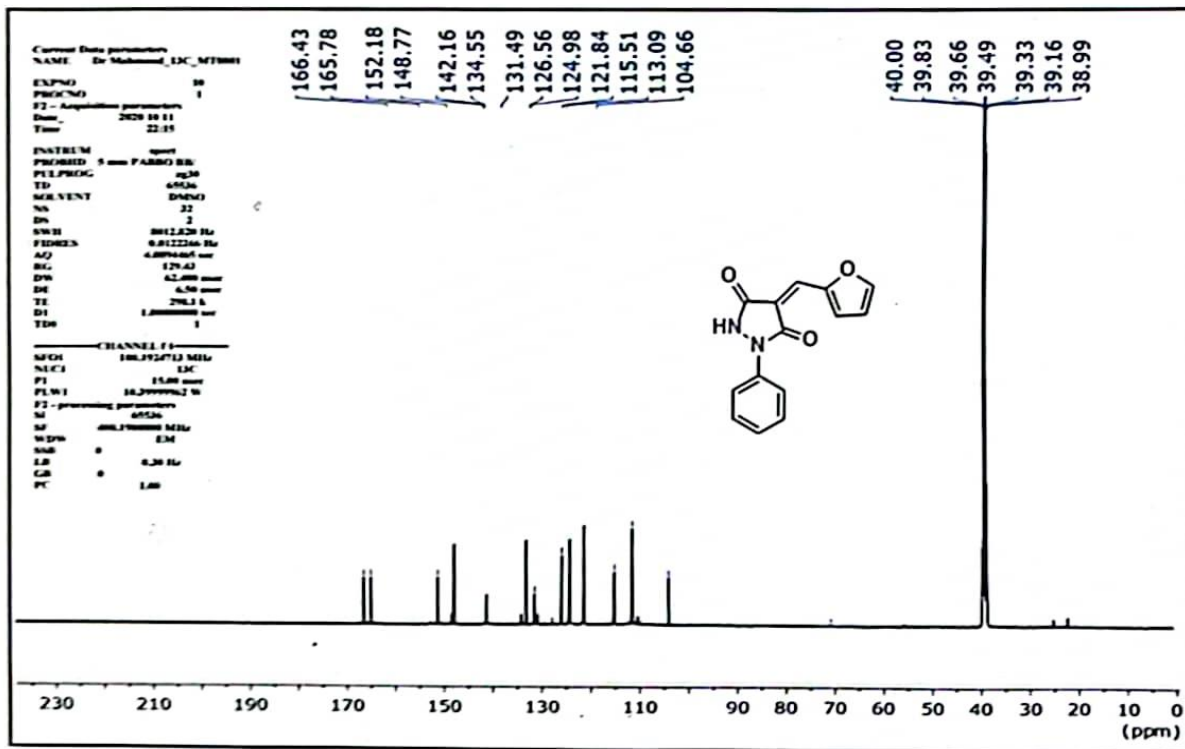
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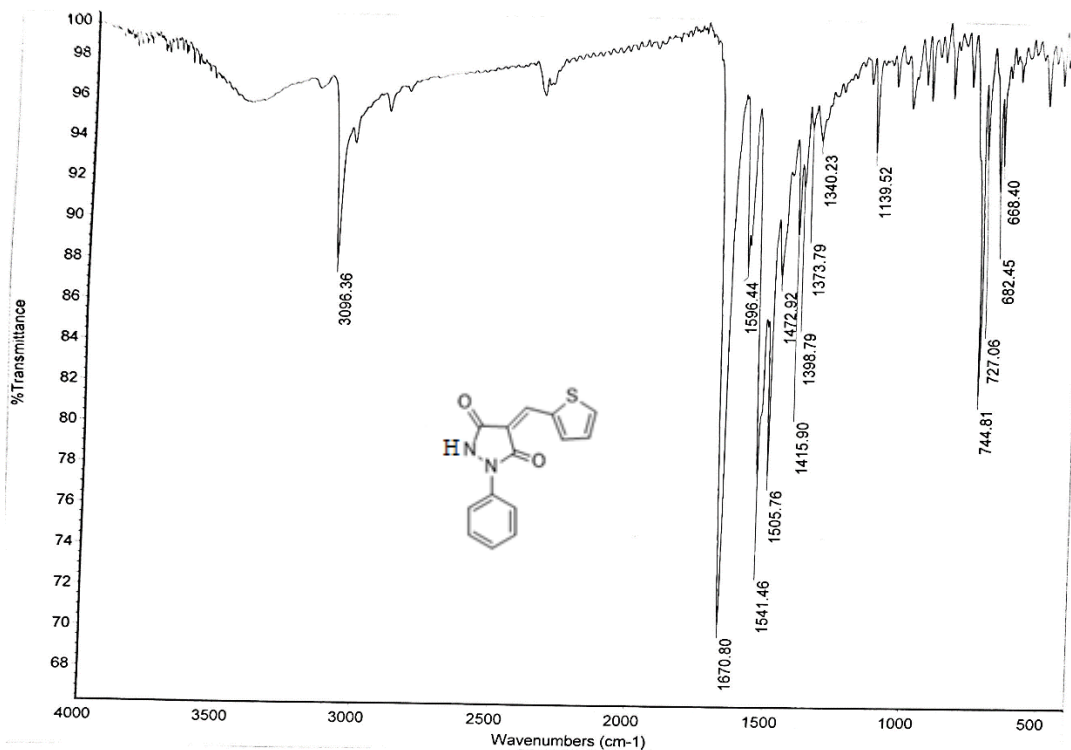
S9. Mass Spectrum of compound 15a



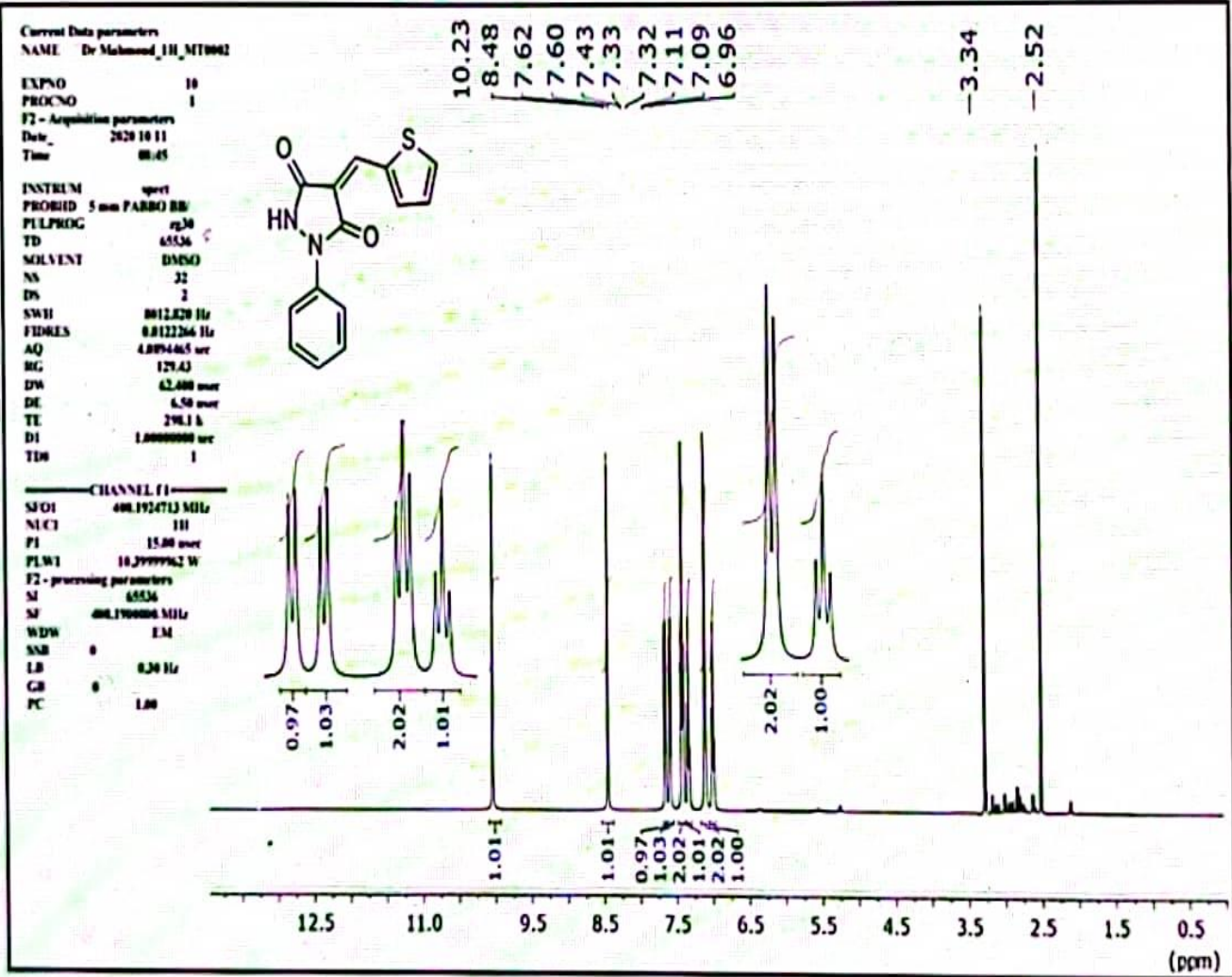
S10. ¹H NMR Spectrum of compound 15a



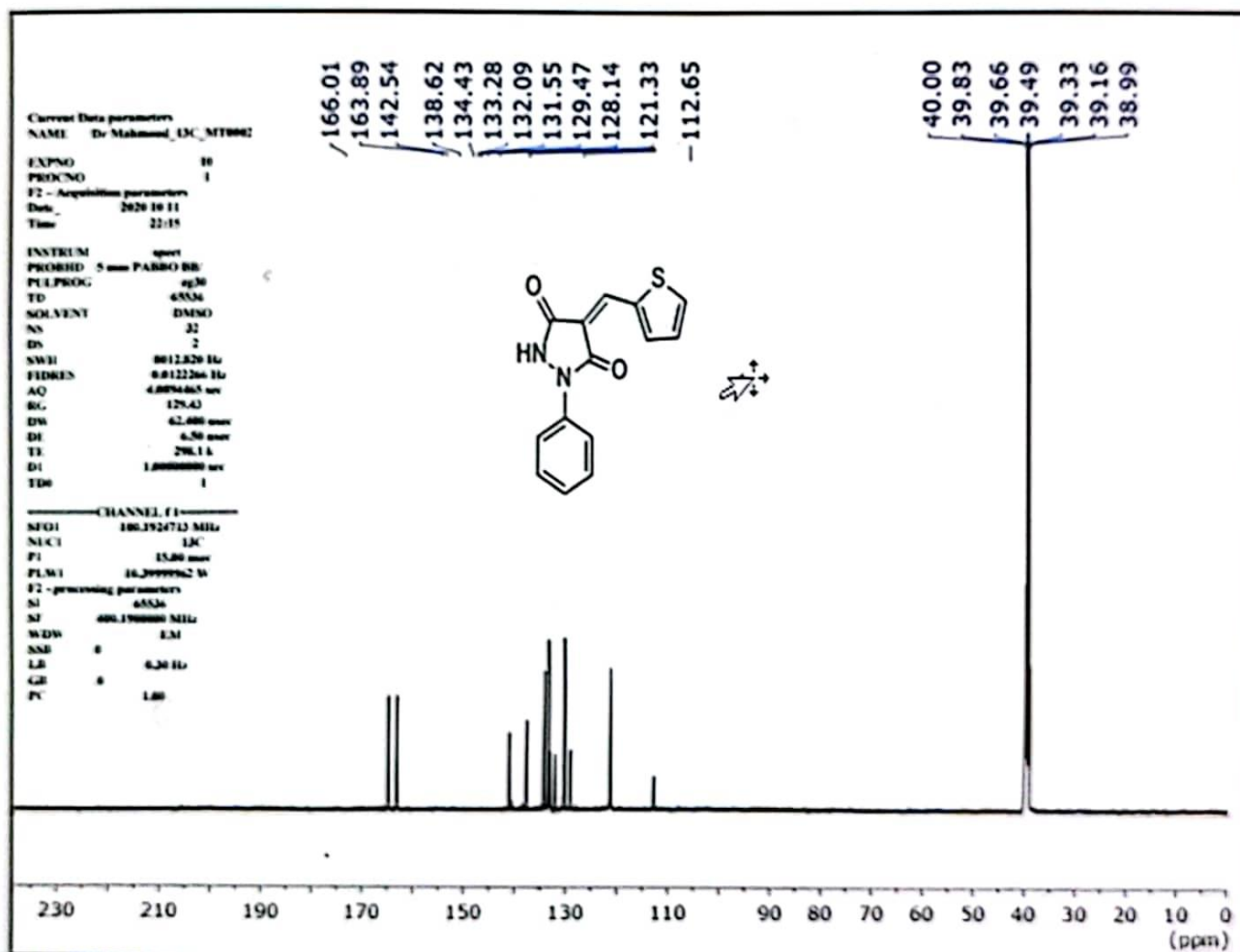
S11. ¹³CNMR Spectrum of compound 15a



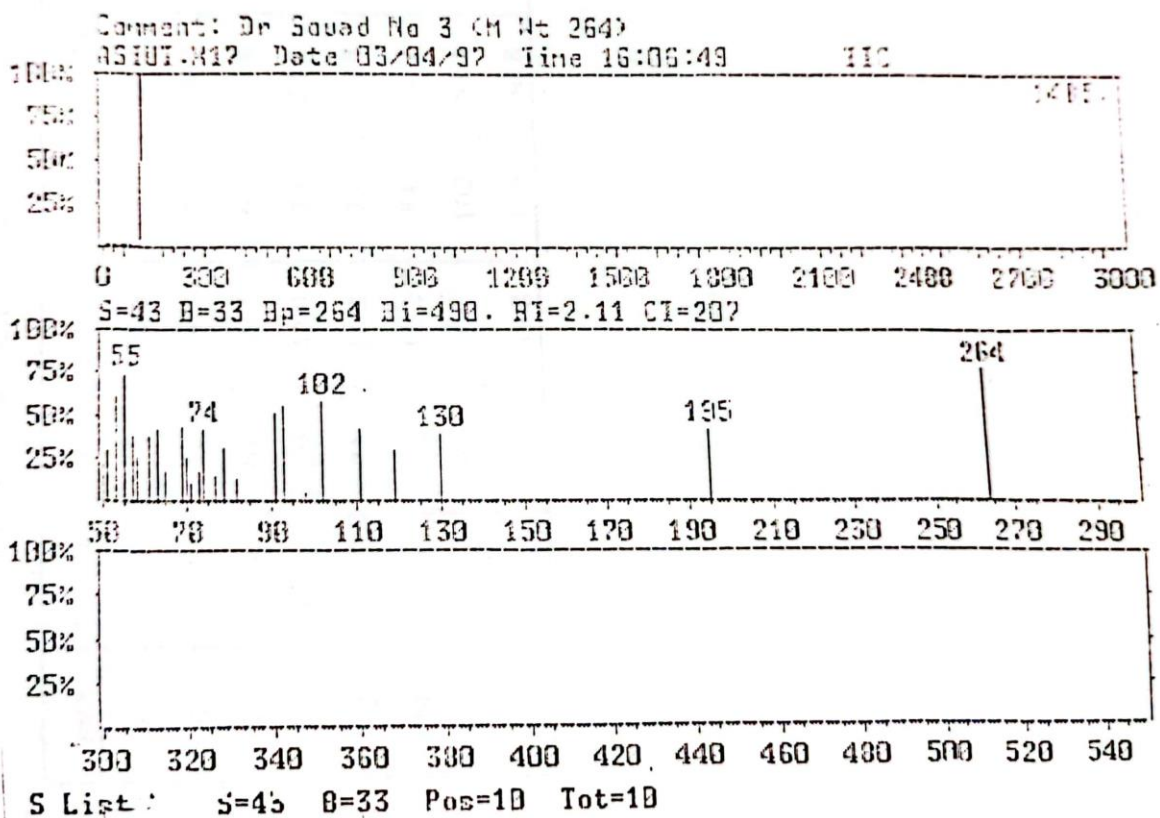
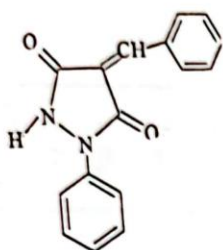
S12. FT-IR Spectrum of compound 15b



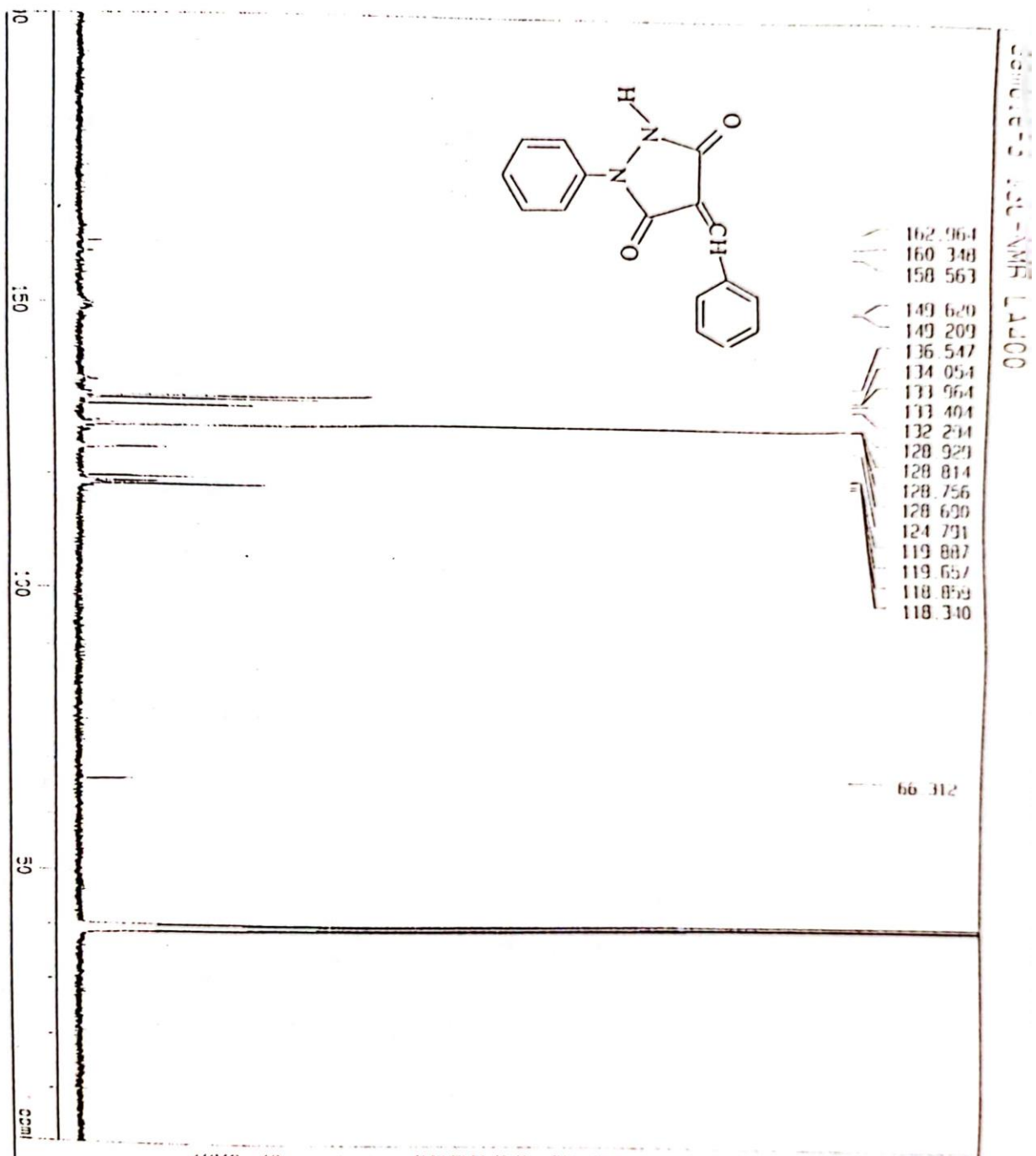
S13. ¹H NMR Spectrum of compound 15b



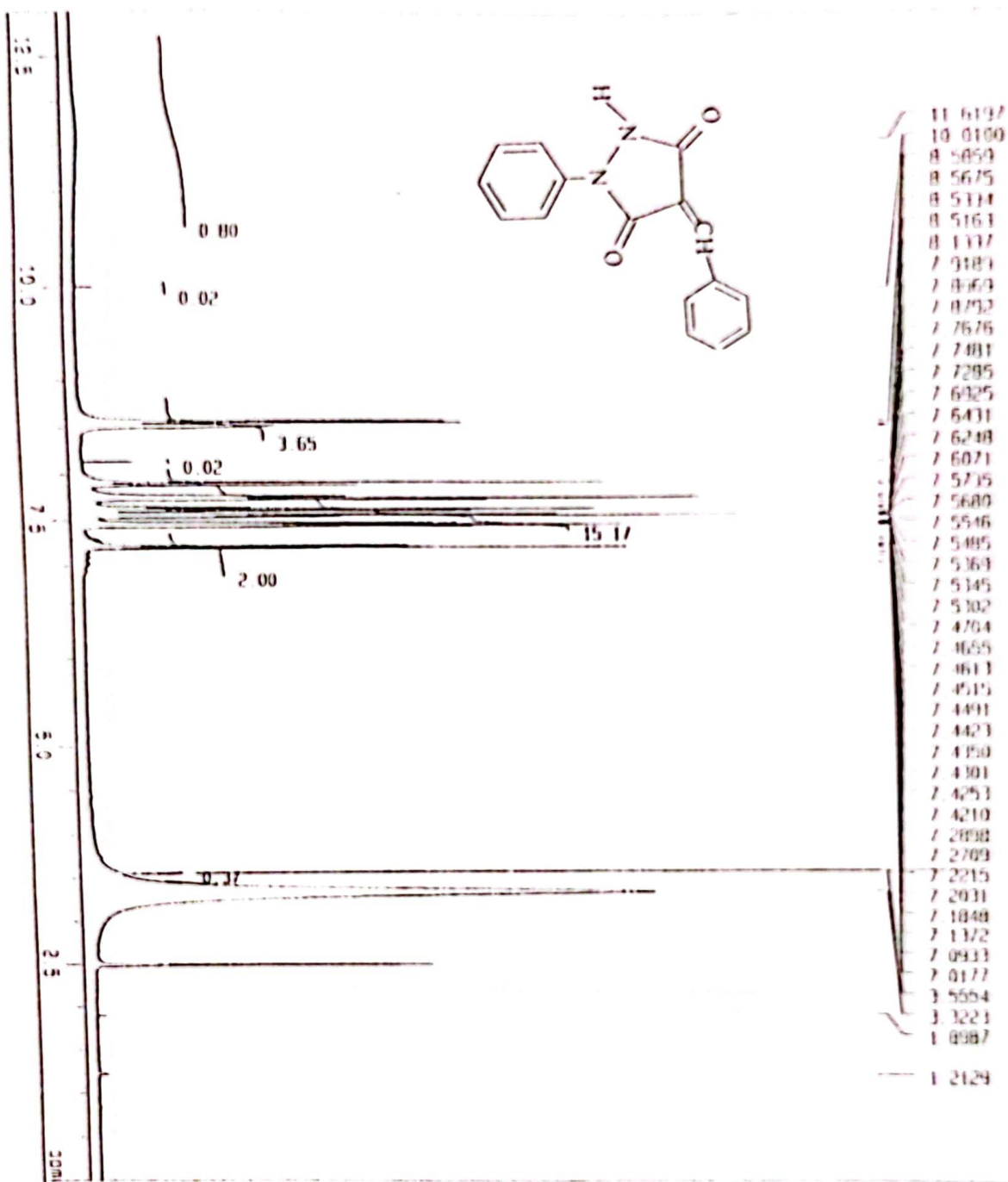
S14. ¹³CNMR Spectrum of compound 15b



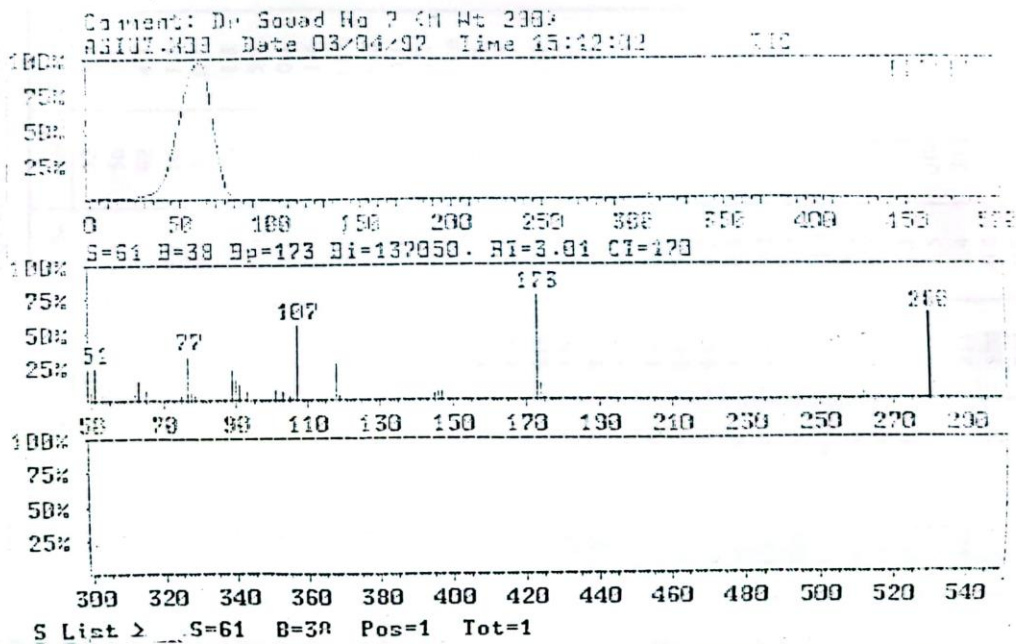
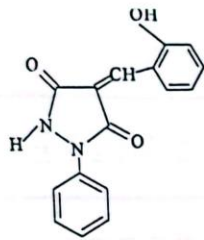
S15. Mass Spectrum of compound 15c



S16. ¹³C NMR Spectrum of compound 15c

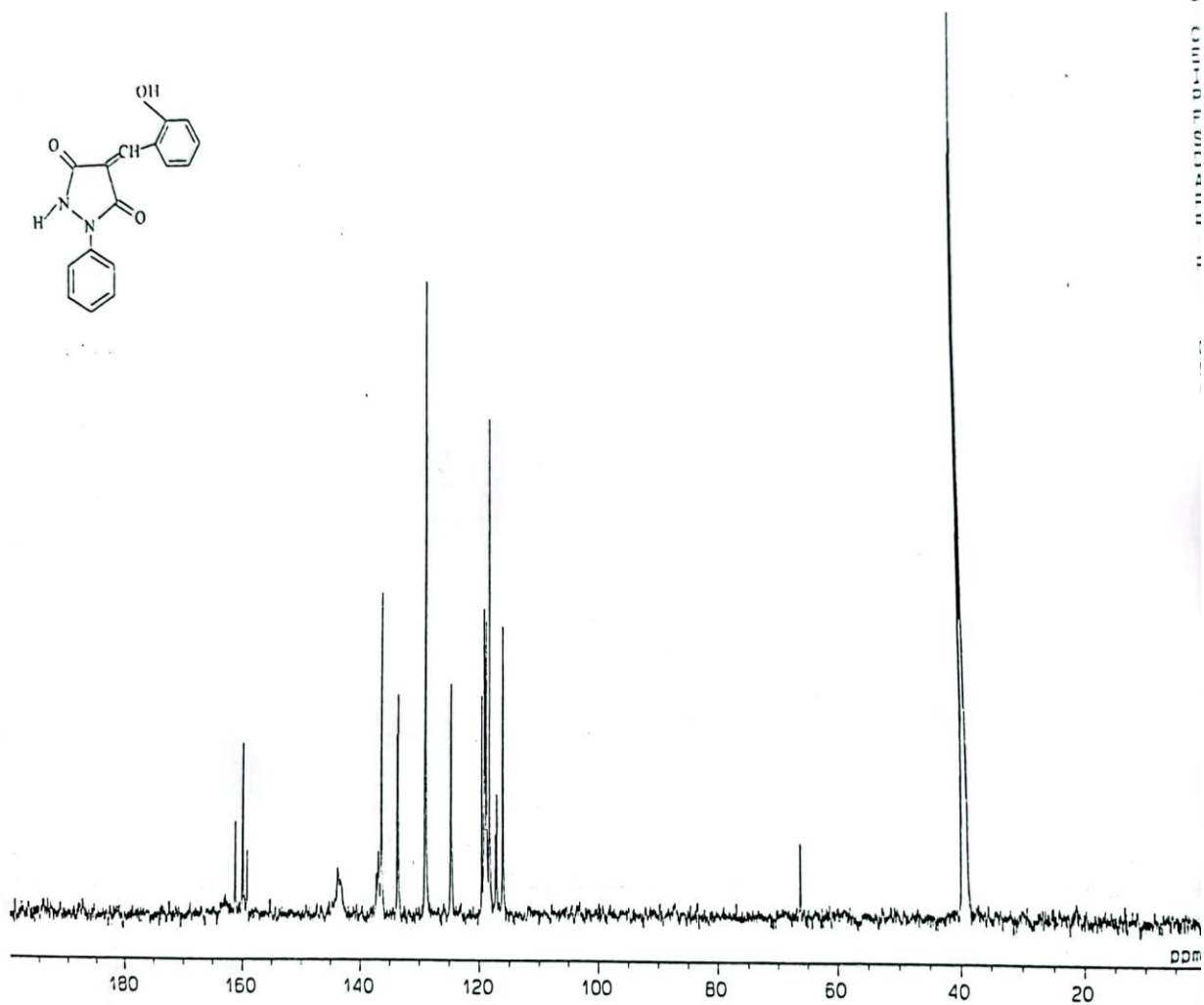
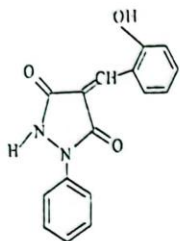


S17. ¹H NMR Spectrum of compound 15c



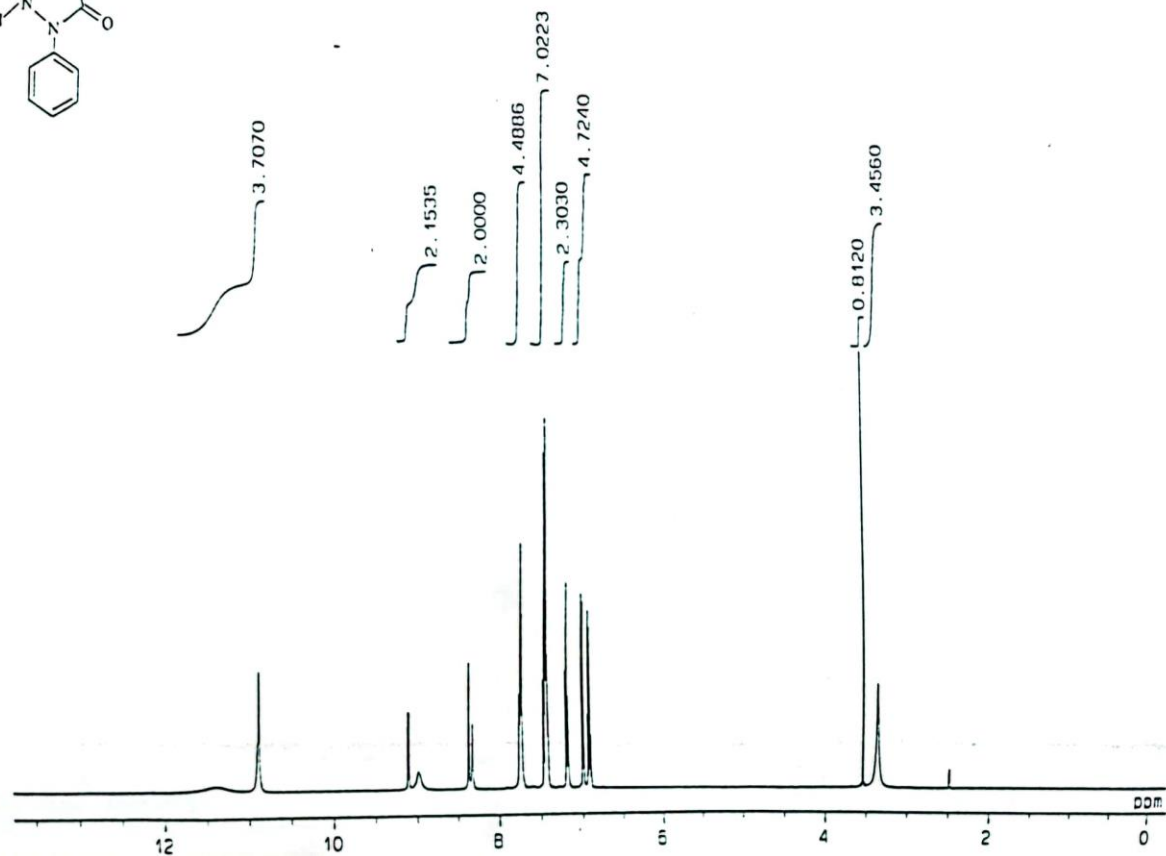
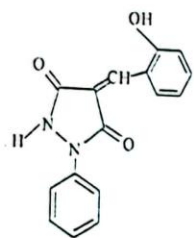
S18. Mass Spectrum of compound 15h

JEO.-7-C

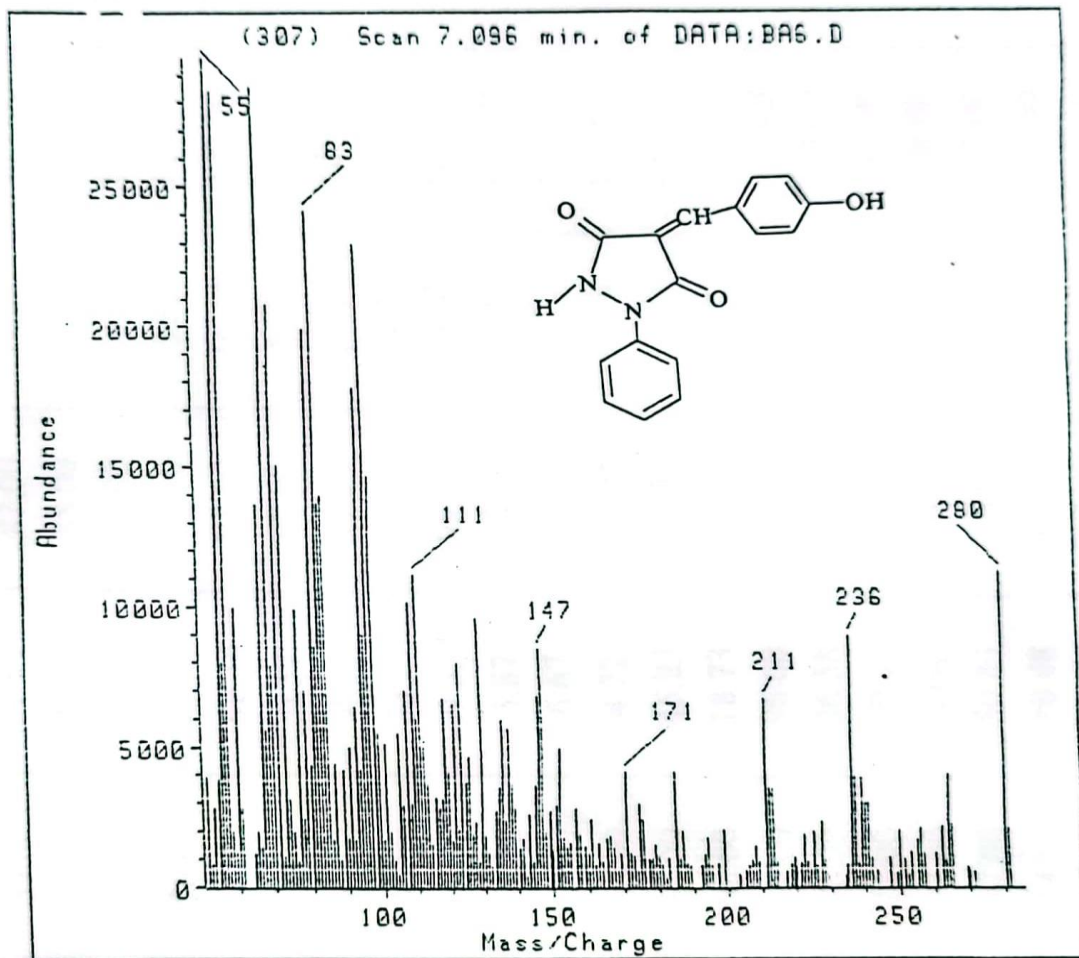


S19. ¹³C NMR Spectrum of compound 15h

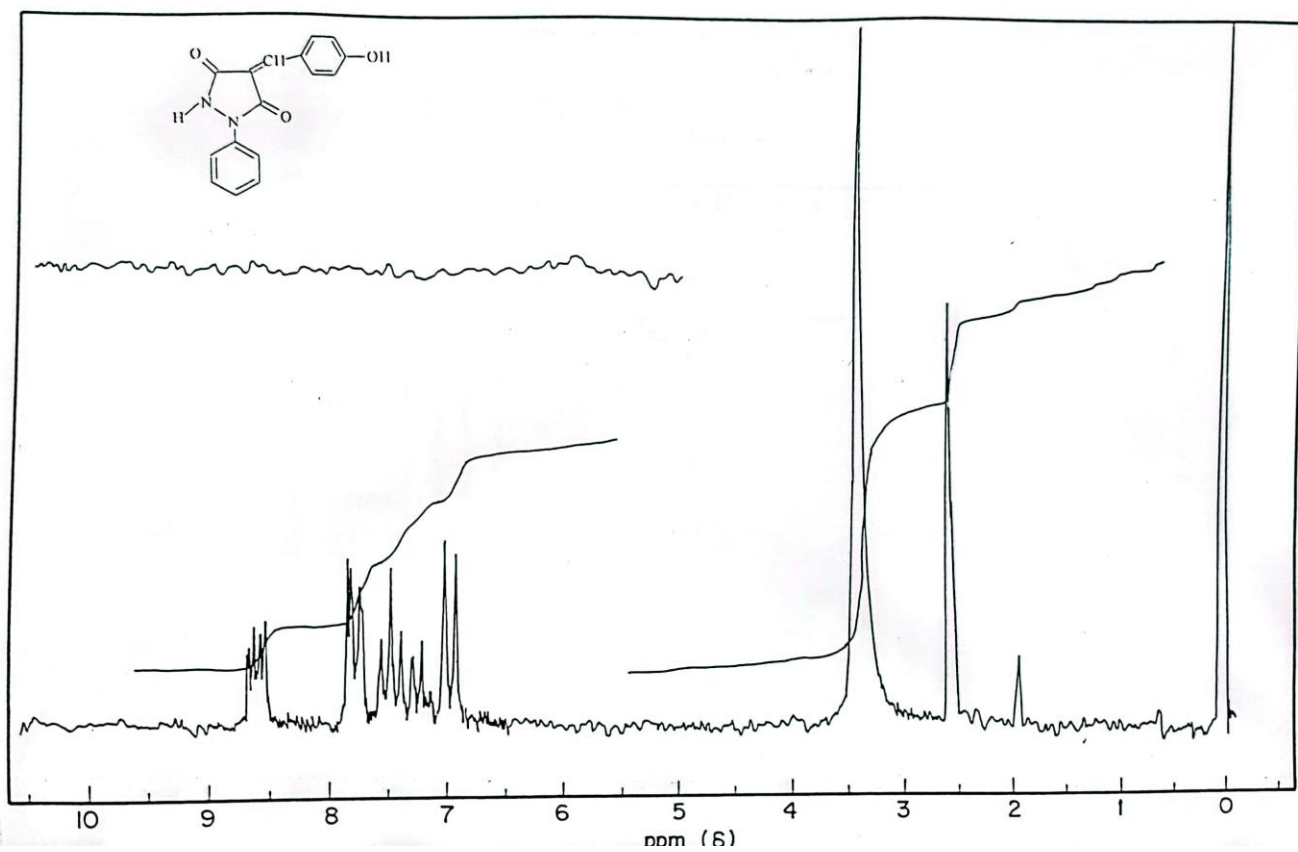
JEO-7-H



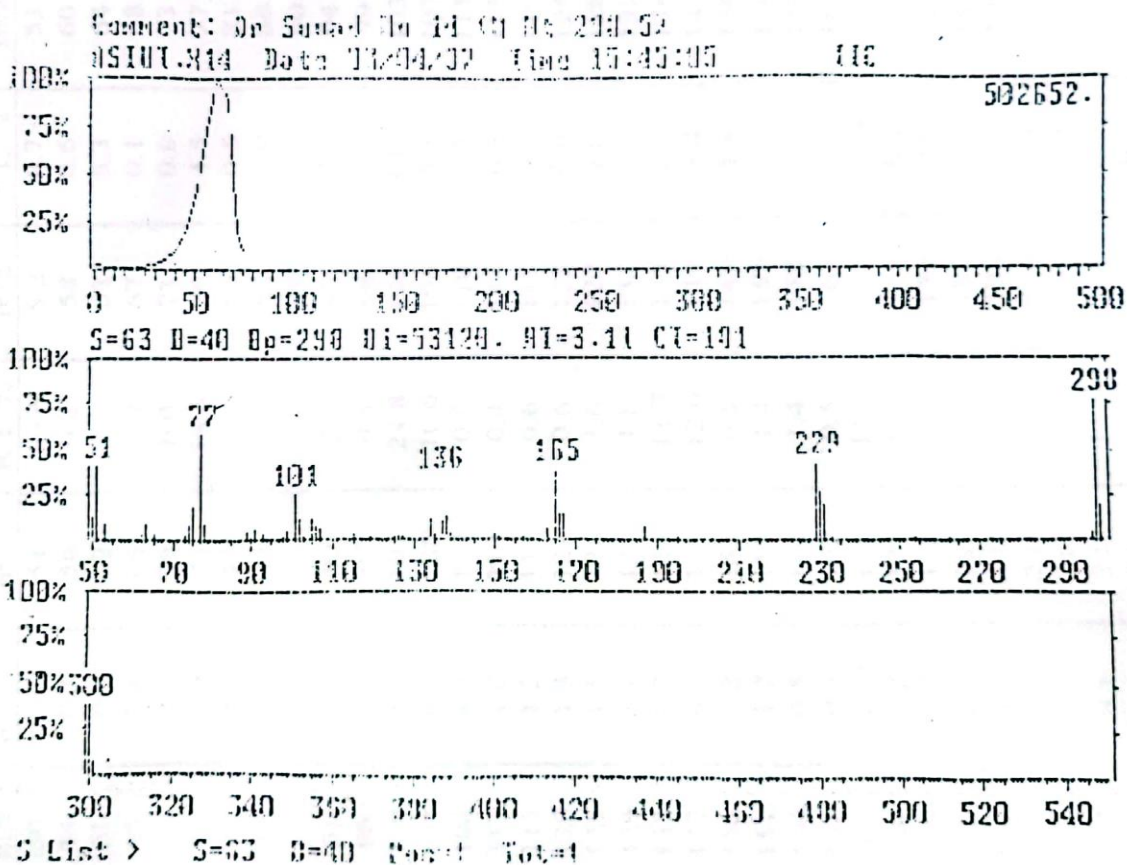
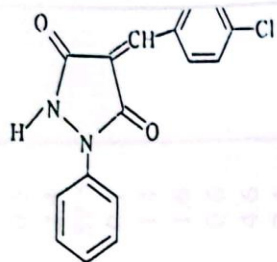
S20. ^{13}C NMR Spectrum of compound 15h



S21. Mass Spectrum of compound 15g

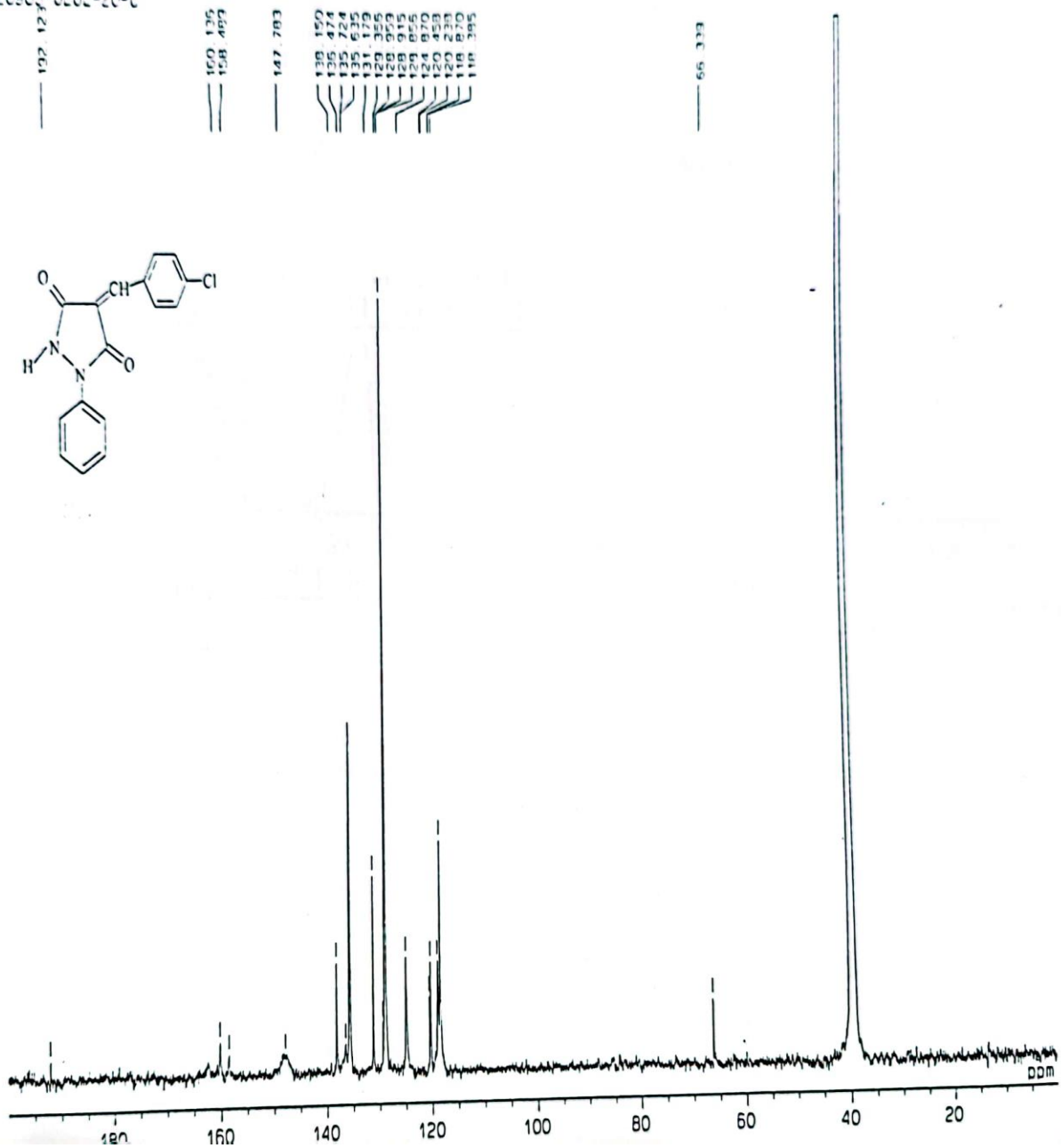


S22. ¹H NMR Spectrum of compound 15g

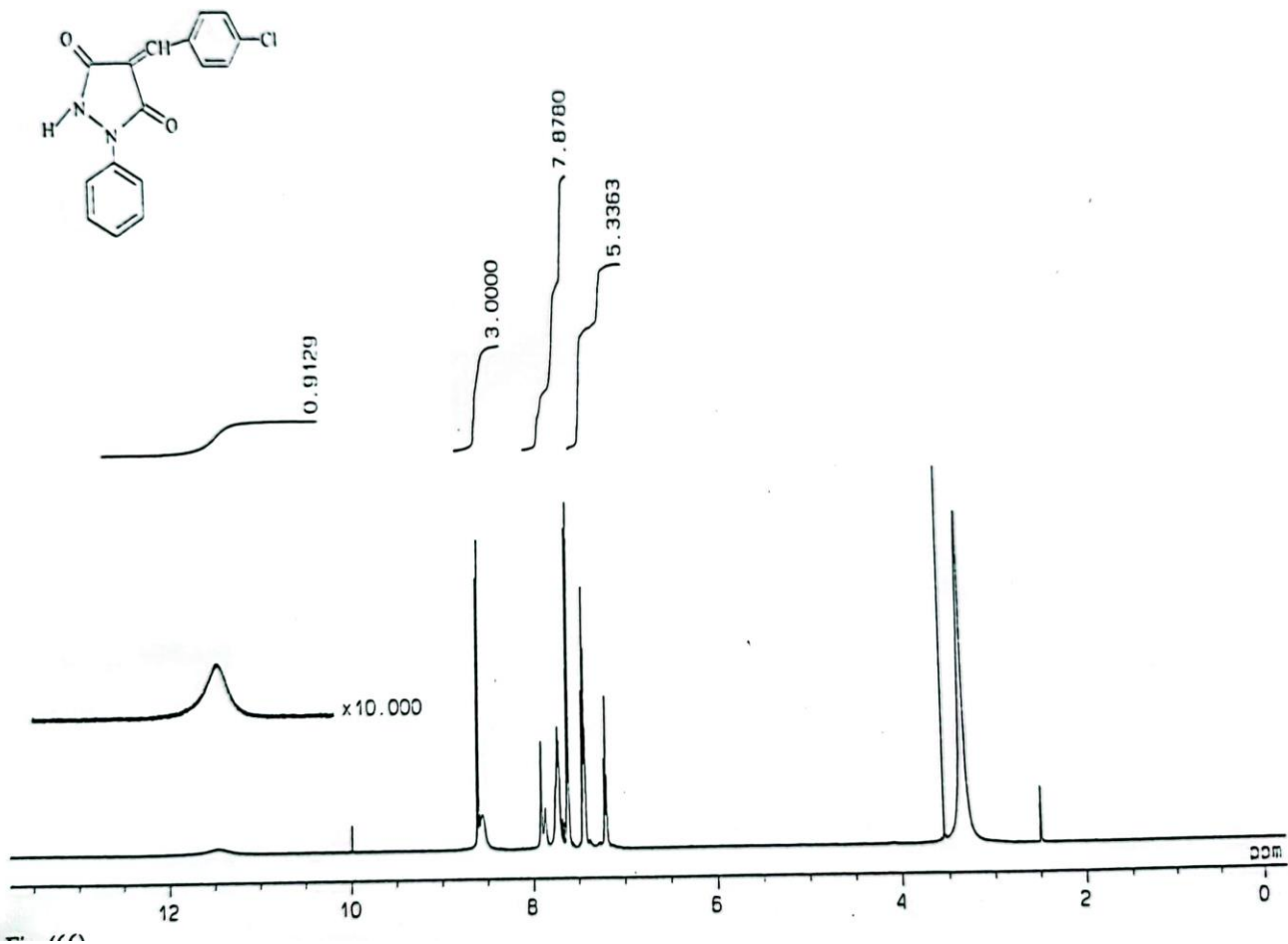


S23. Mass Spectrum of compound 15i

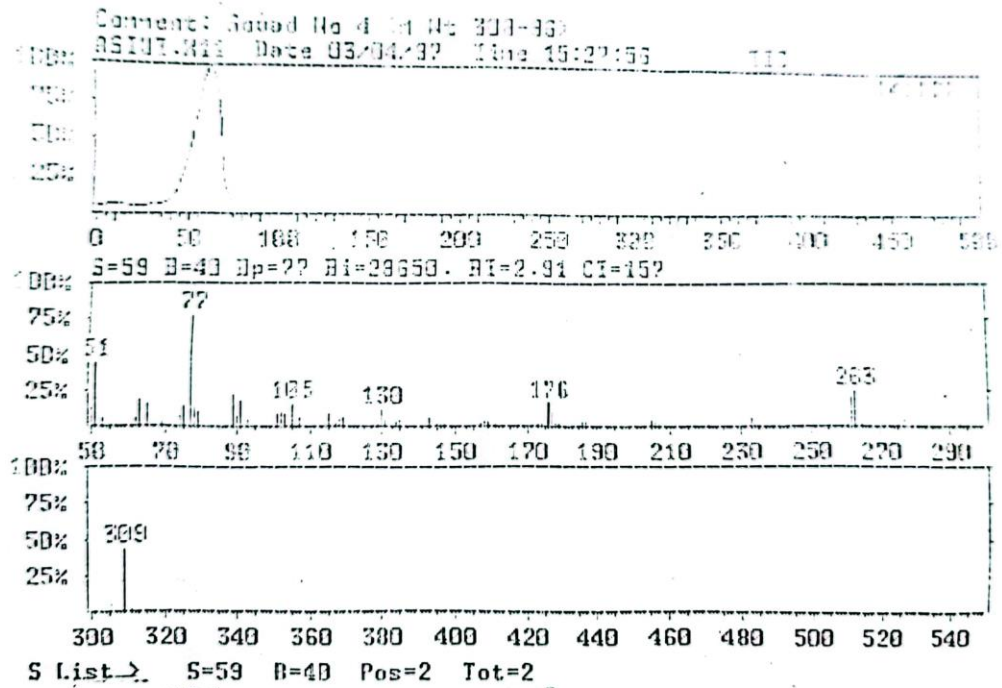
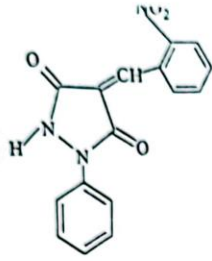
Z0903-JEOL-20-C



S24. ¹³C NMR Spectrum of compound 15i



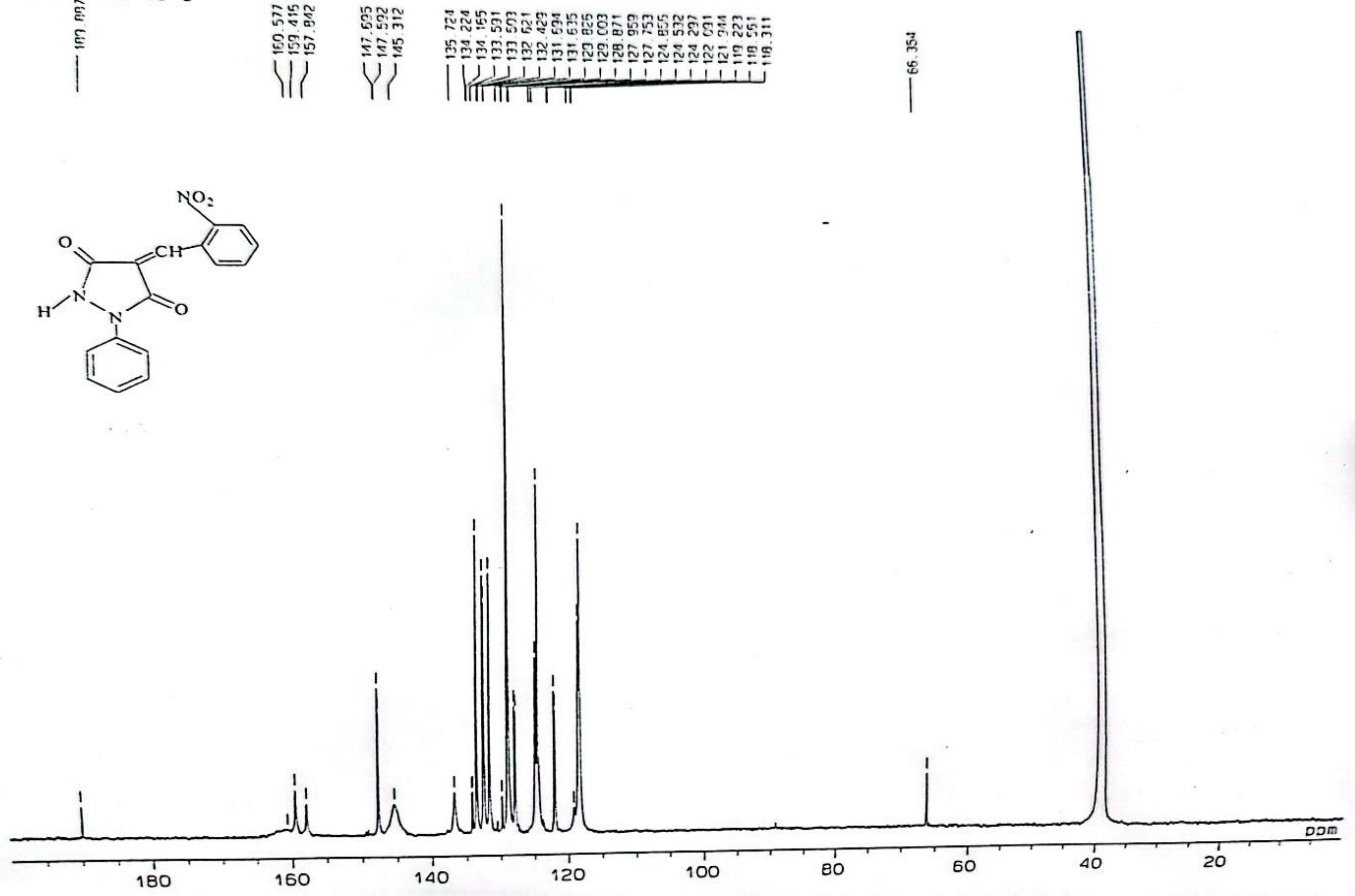
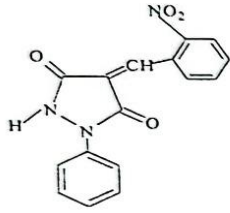
S25. ¹H NMR Spectrum of compound 15i



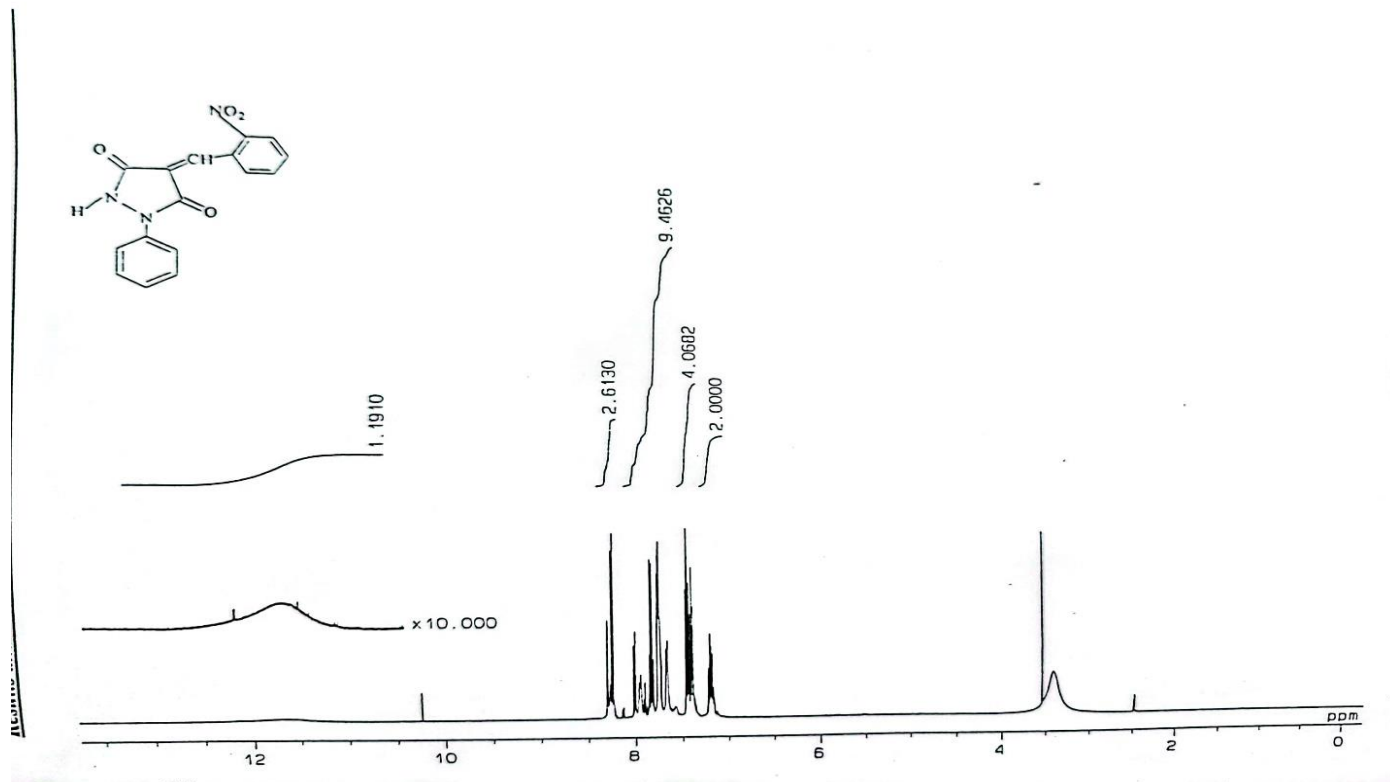
S26. Mass Spectrum of compound 15k

Z0905-JEOL-1B-C

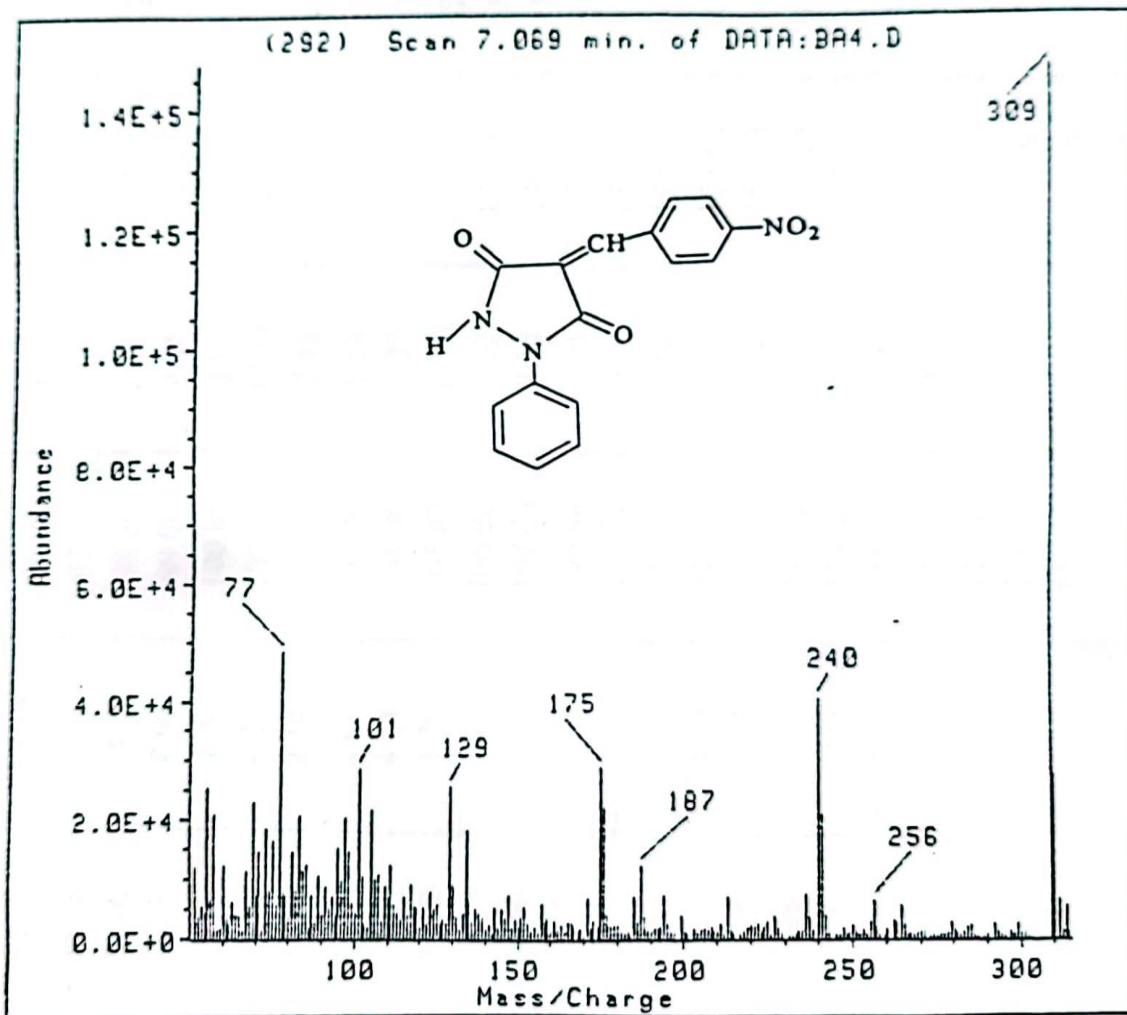
^{13}C



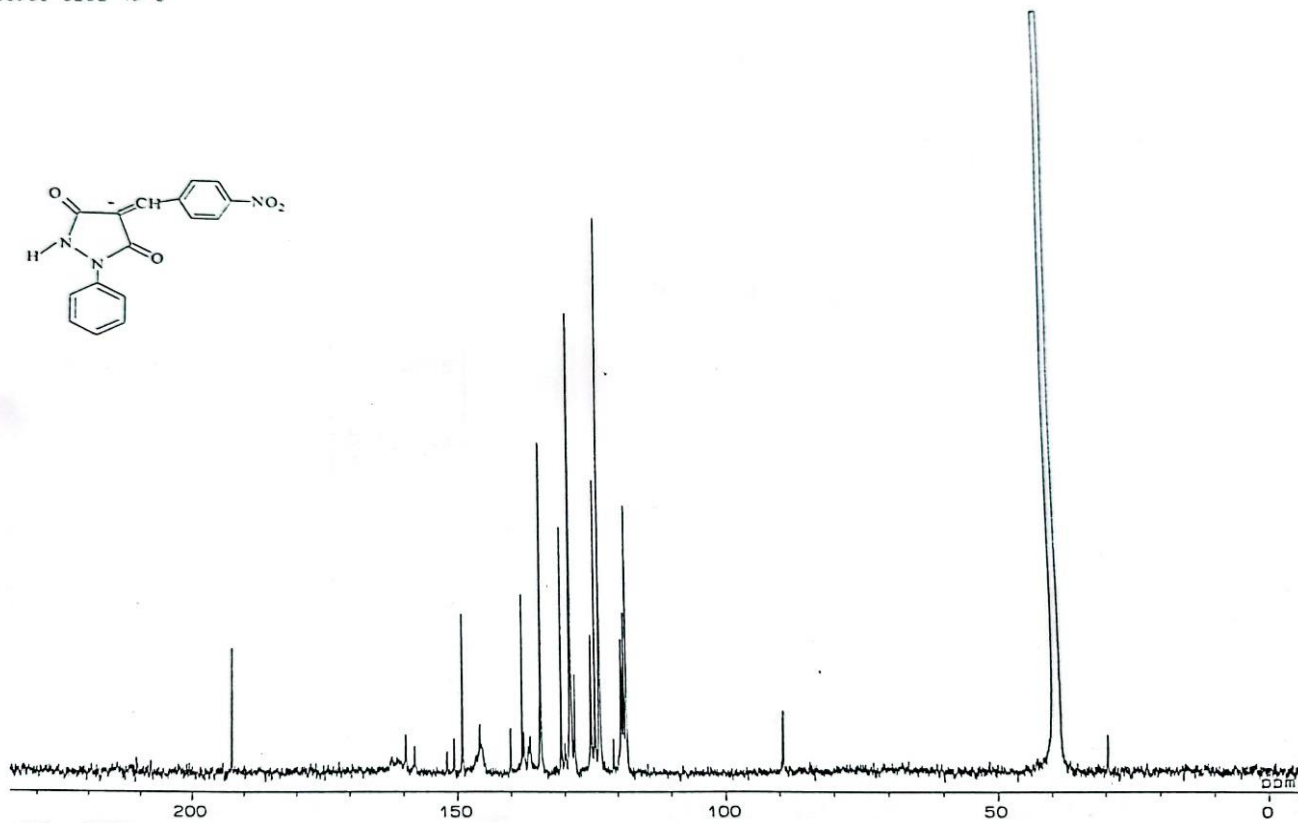
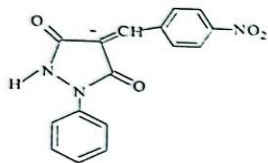
S27. ^{13}C NMR Spectrum of compound 15k



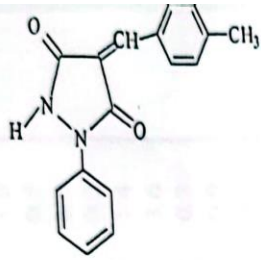
S28. ¹H NMR Spectrum of compound 15k



S29. Mass Spectrum of compound 15j



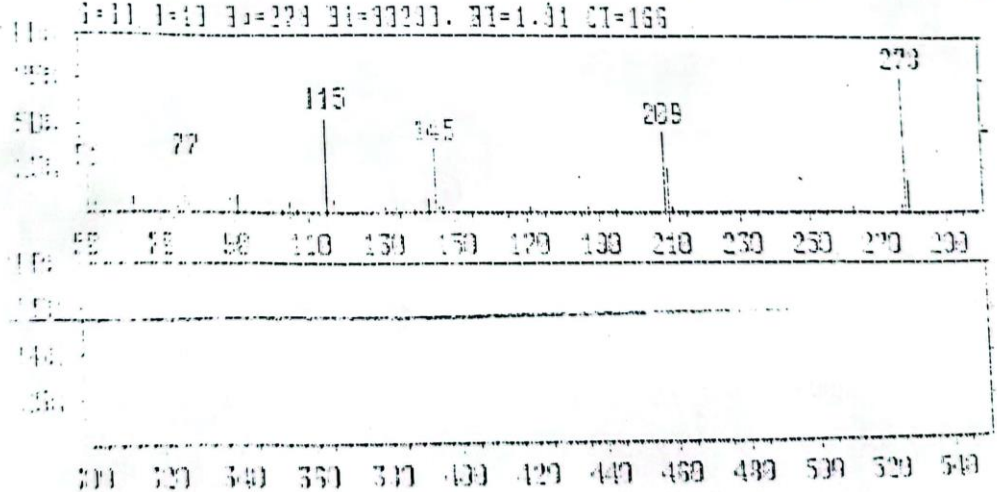
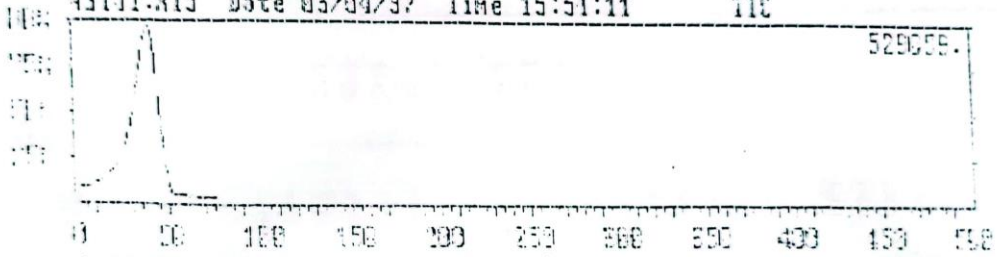
S30. ¹³C NMR Spectrum of compound 15j



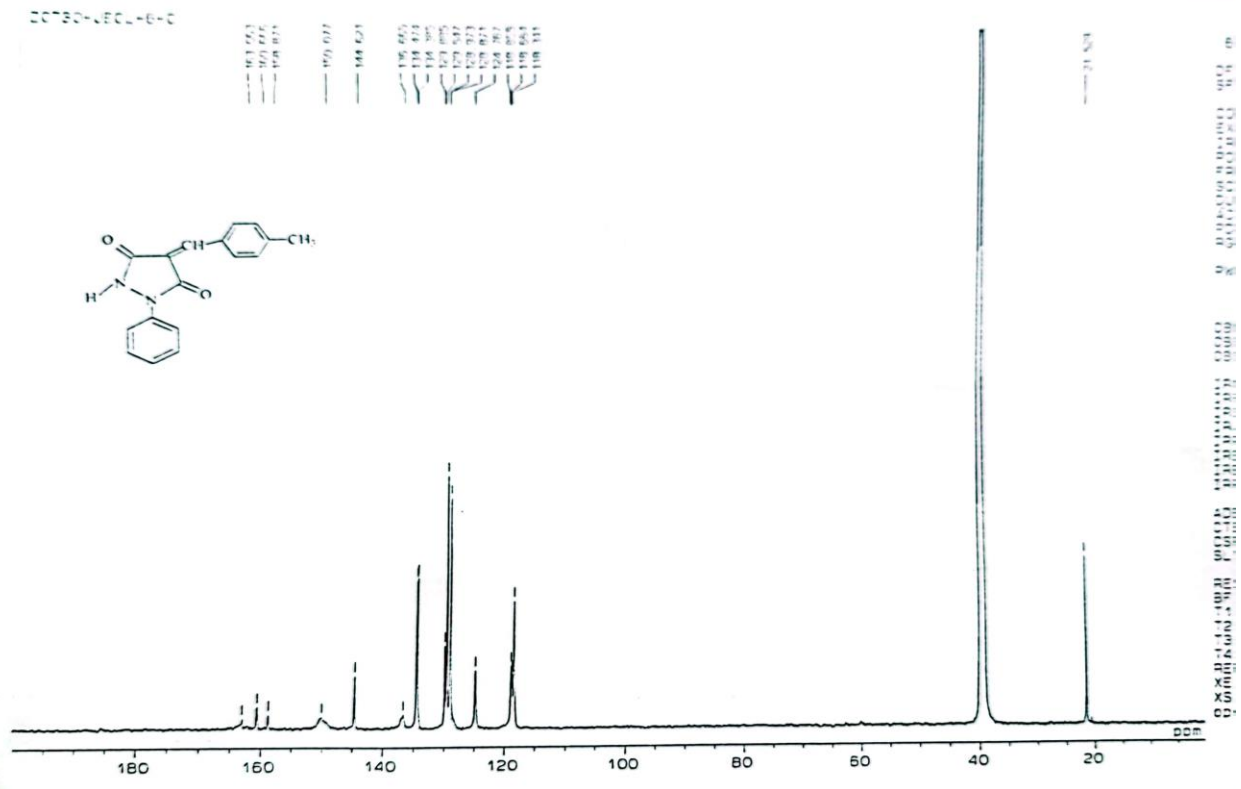
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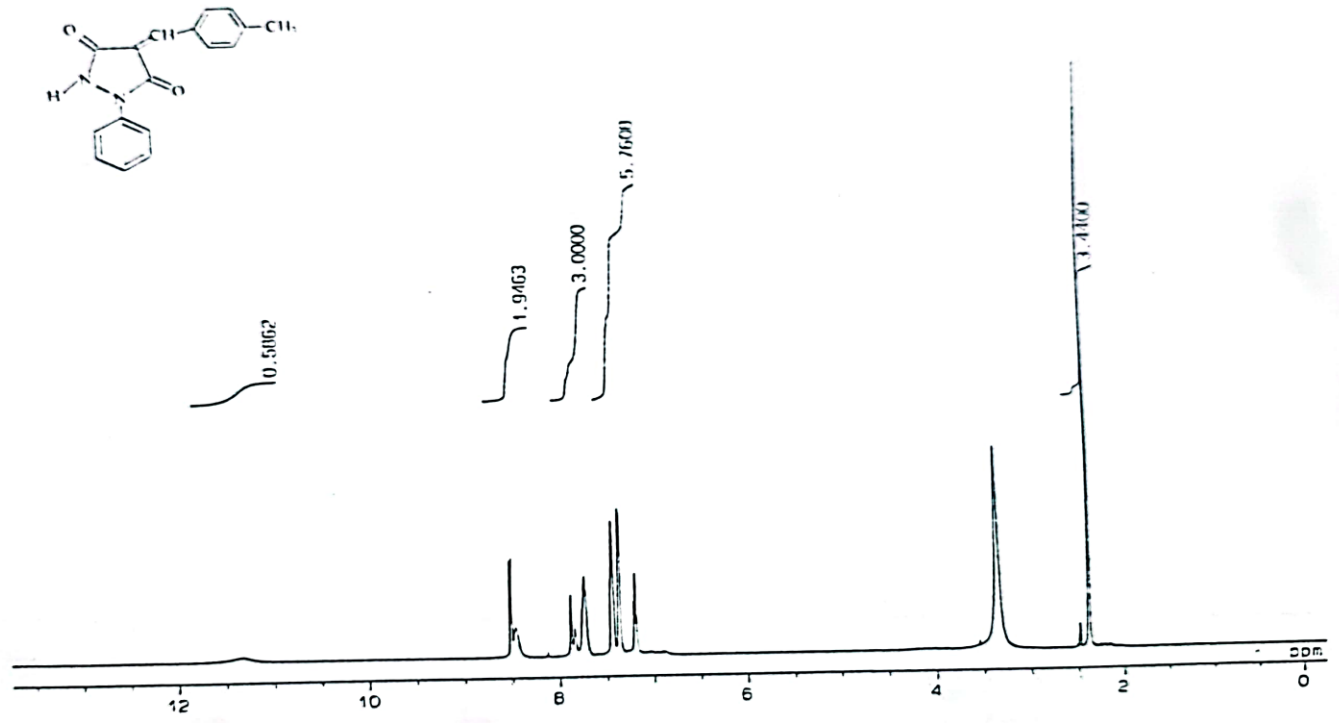
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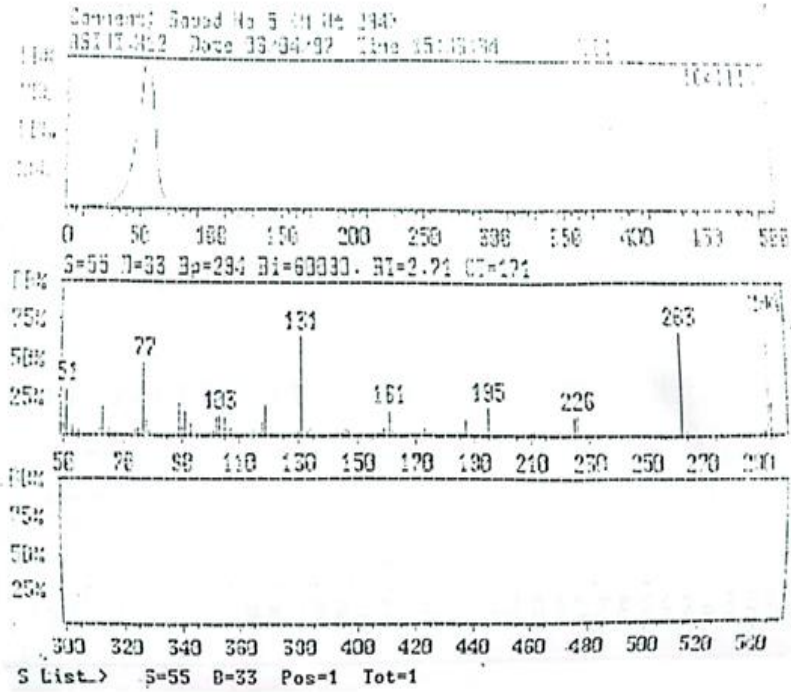
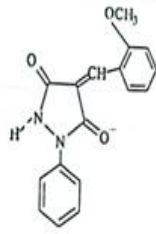
S32. Mass Spectrum of compound 15d



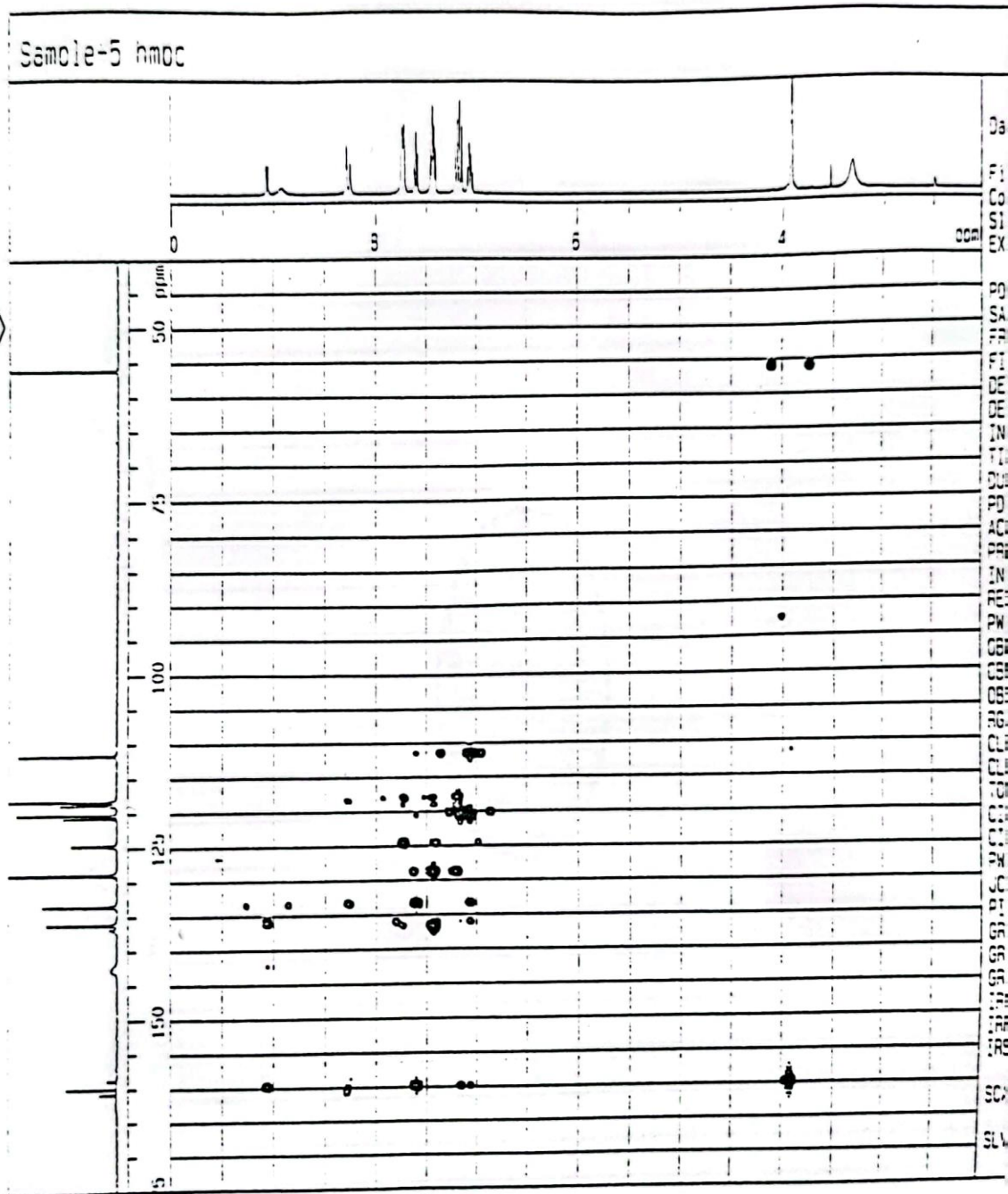
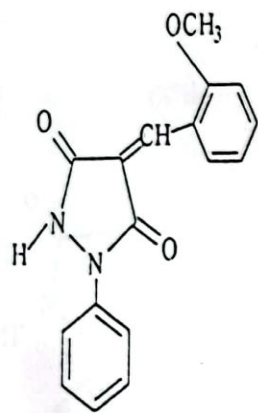
S33. ¹³C NMR Spectrum of compound 15d



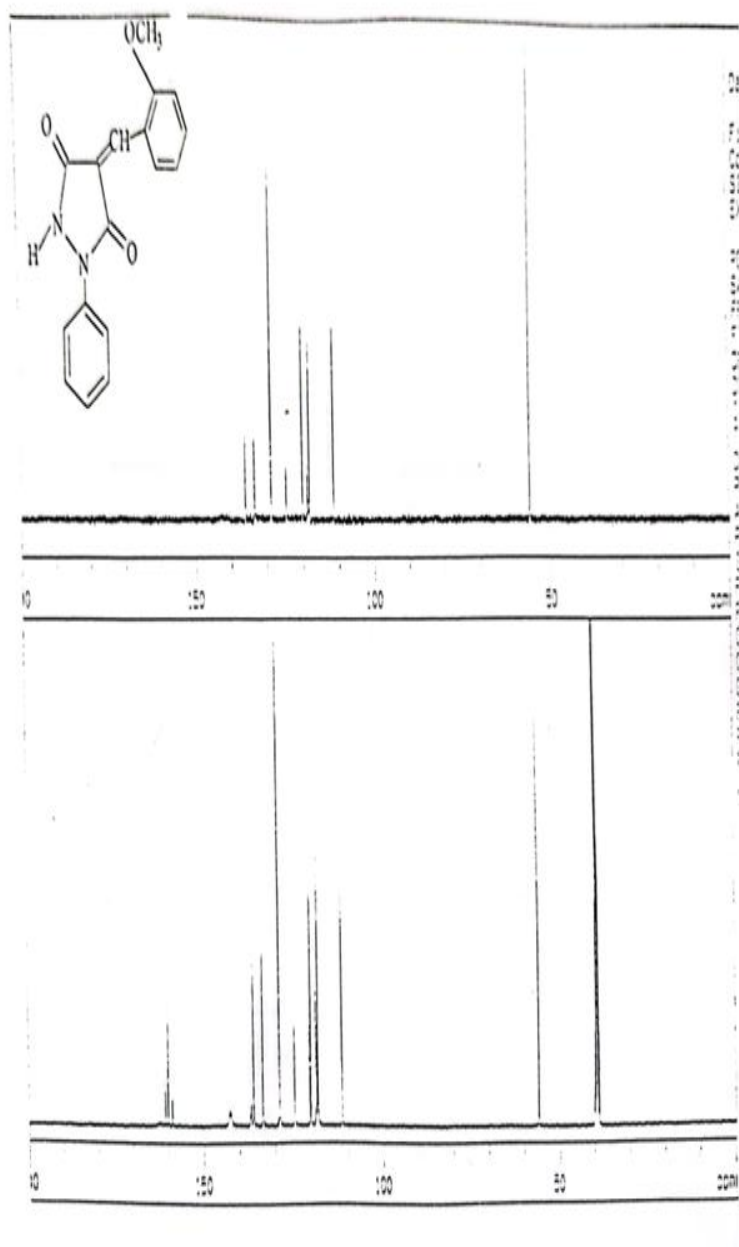
S34. ¹H NMR Spectrum of compound 15d



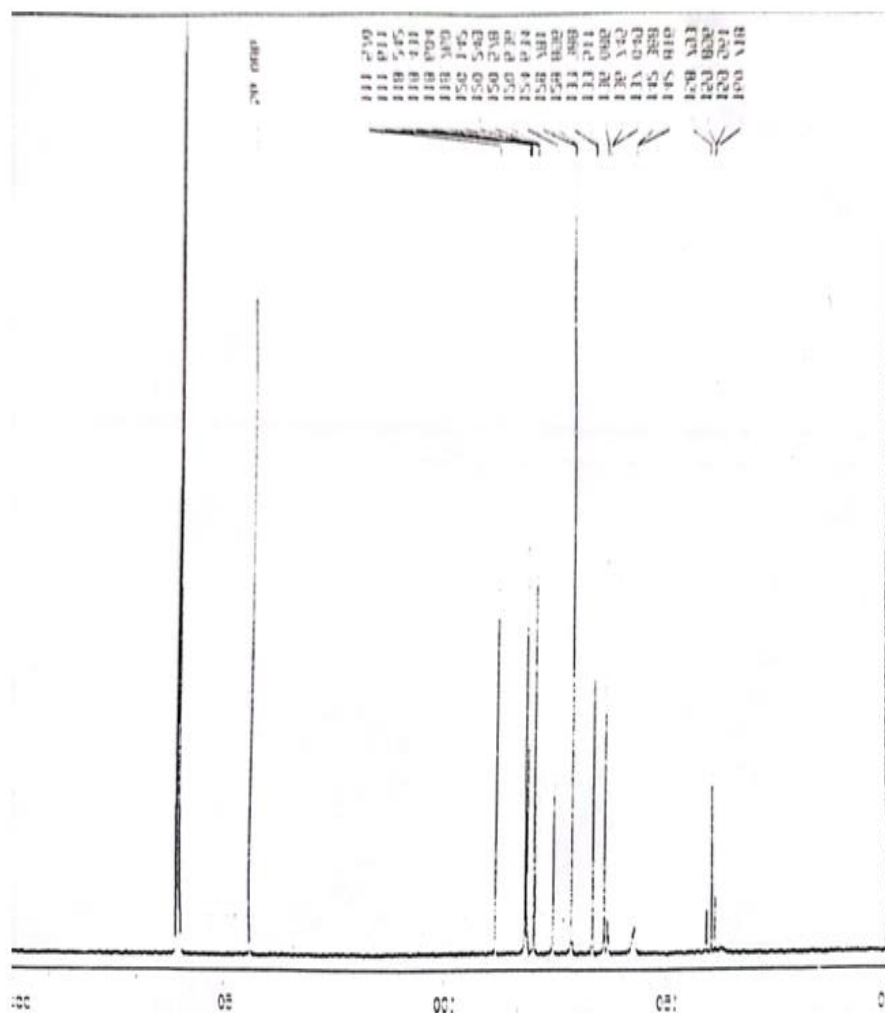
S35. Mass Spectrum of compound 15f



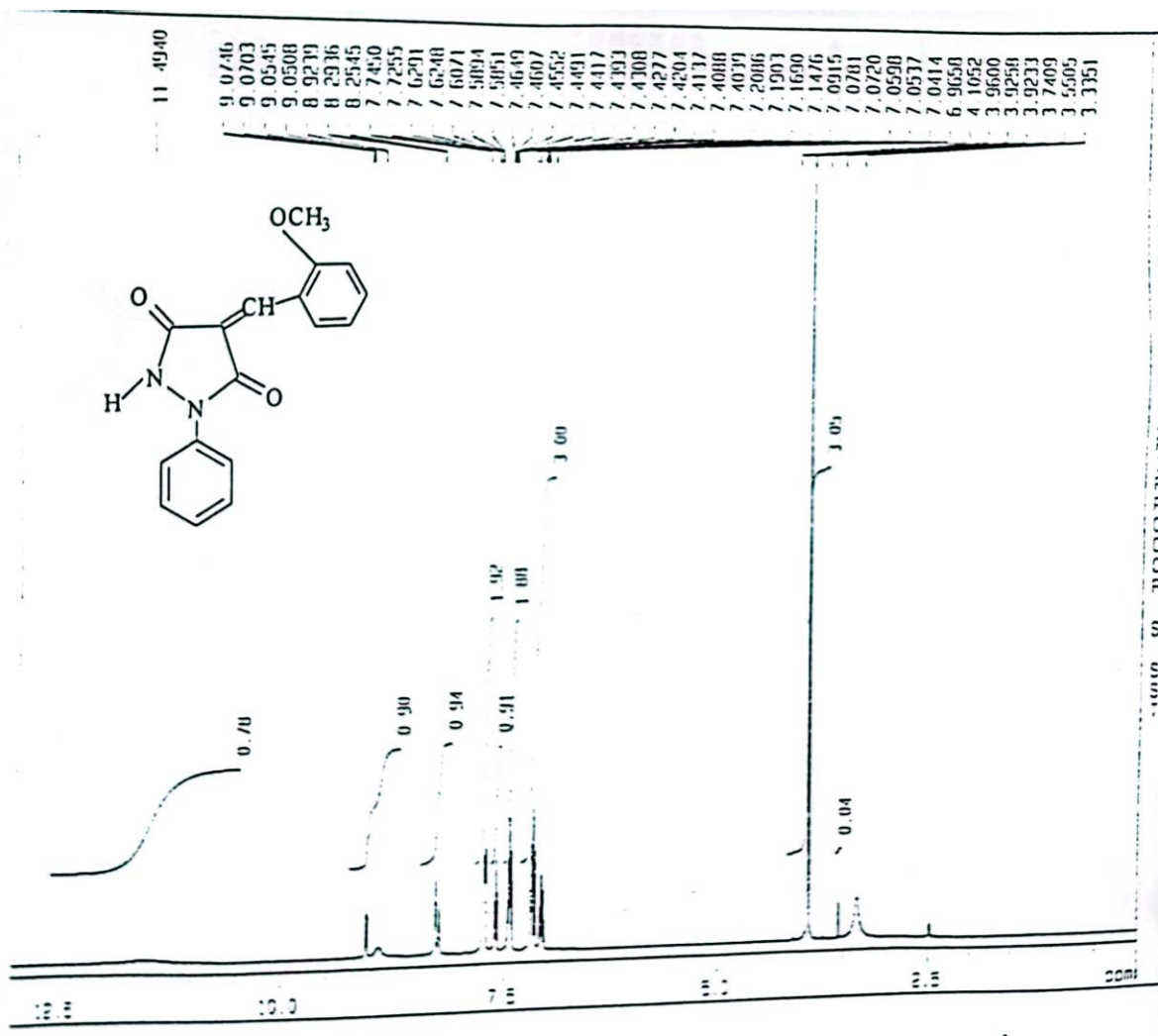
S36. HMBC Spectrum of compound 15f



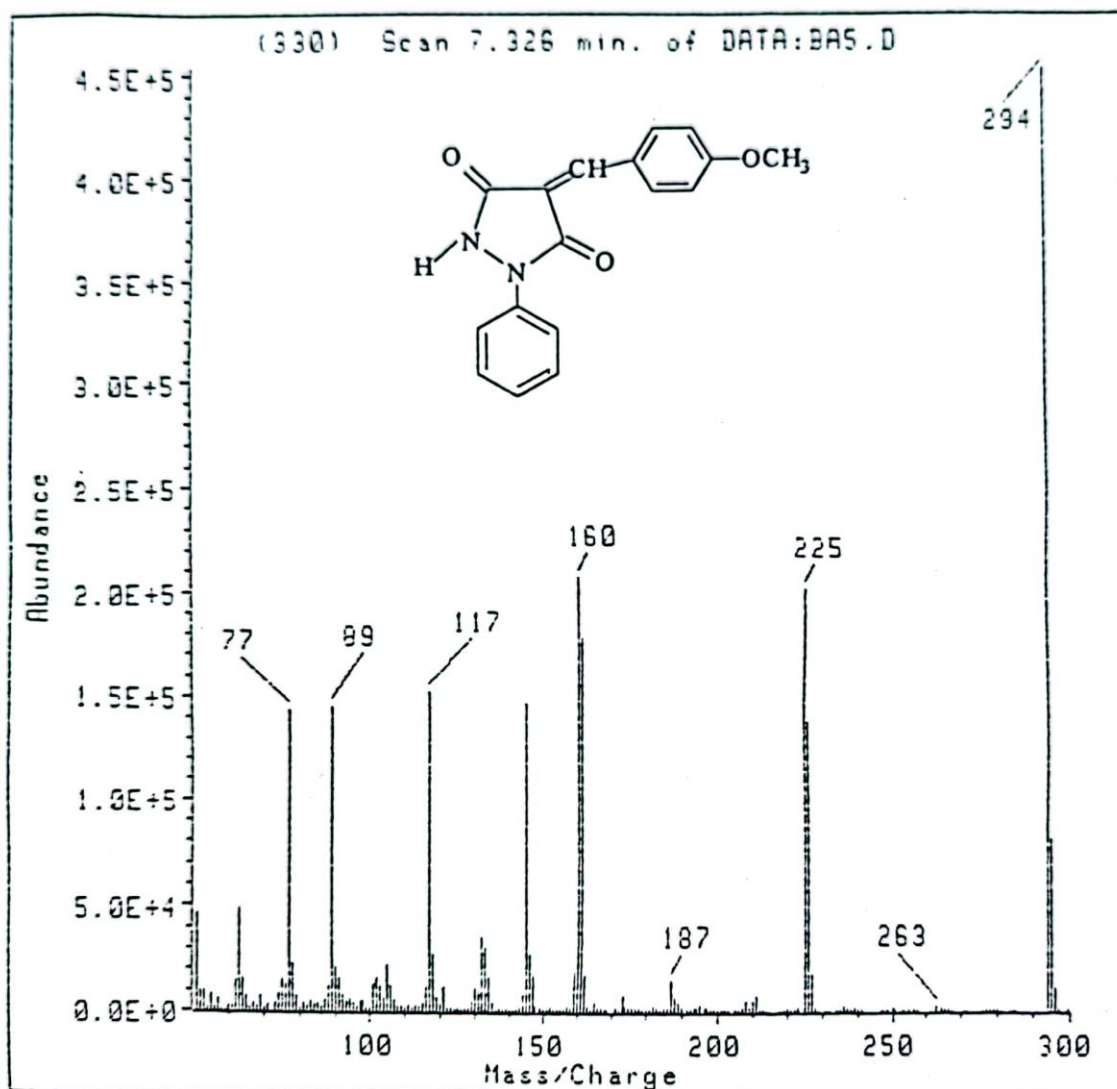
S37. ^{13}C NMR Spectrum of compound 15f



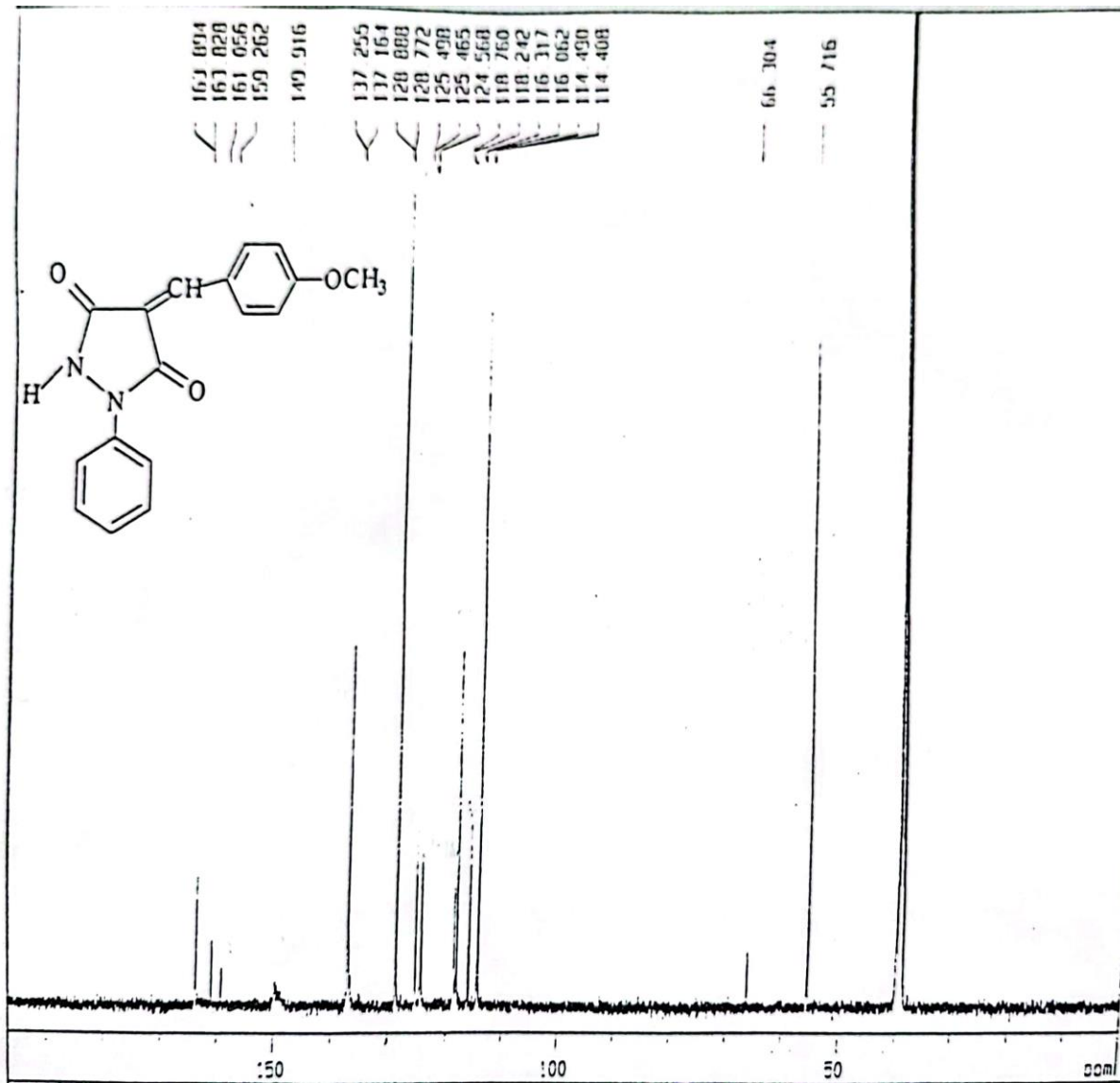
S38. ¹³C NMR Spectrum of compound 15f



S39. ¹H NMR Spectrum of compound 15f



S40. Mass Spectrum of compound 15e



S41. ¹³C NMR Spectrum of compound 15e