

Figure 1. ¹H NMR spectrum of compound 6a

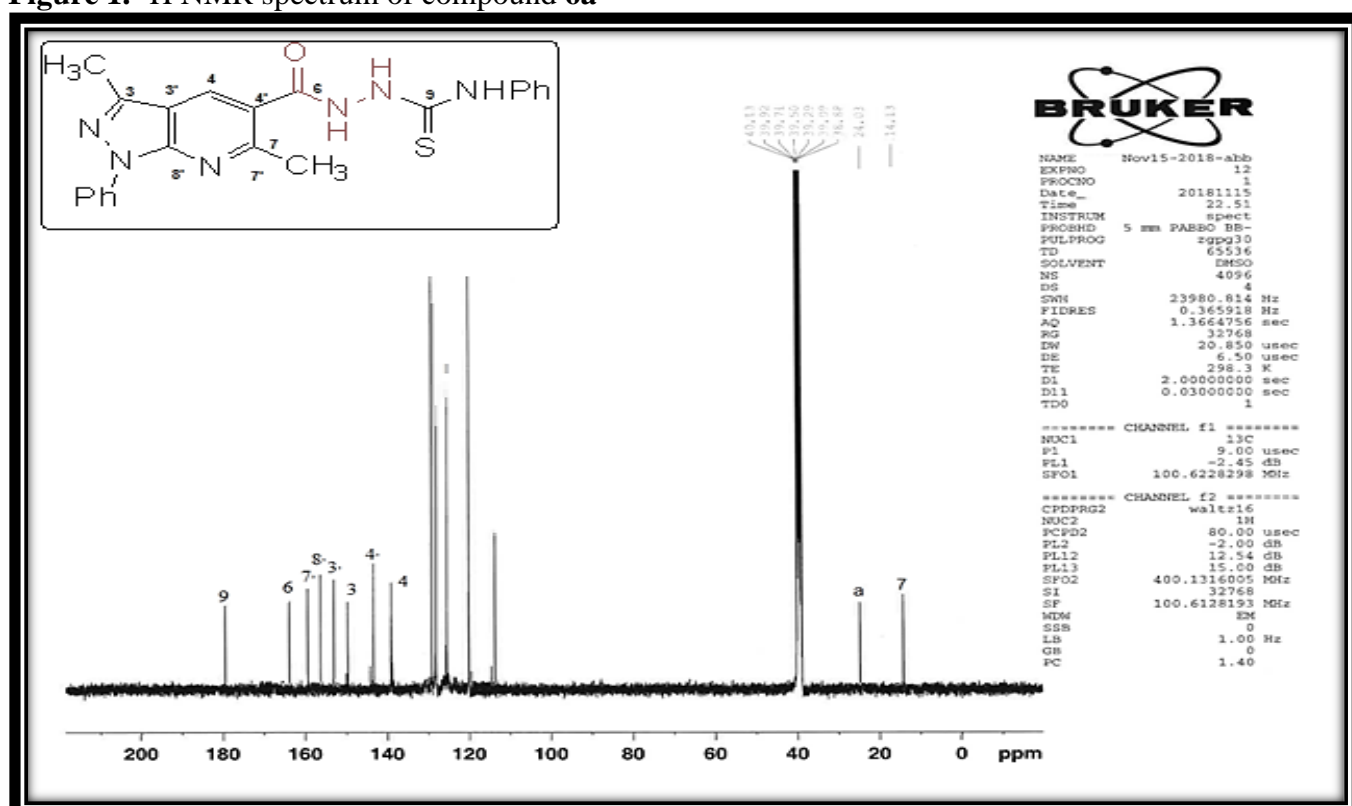


Figure 2. ¹³C NMR spectrum of compound 6a

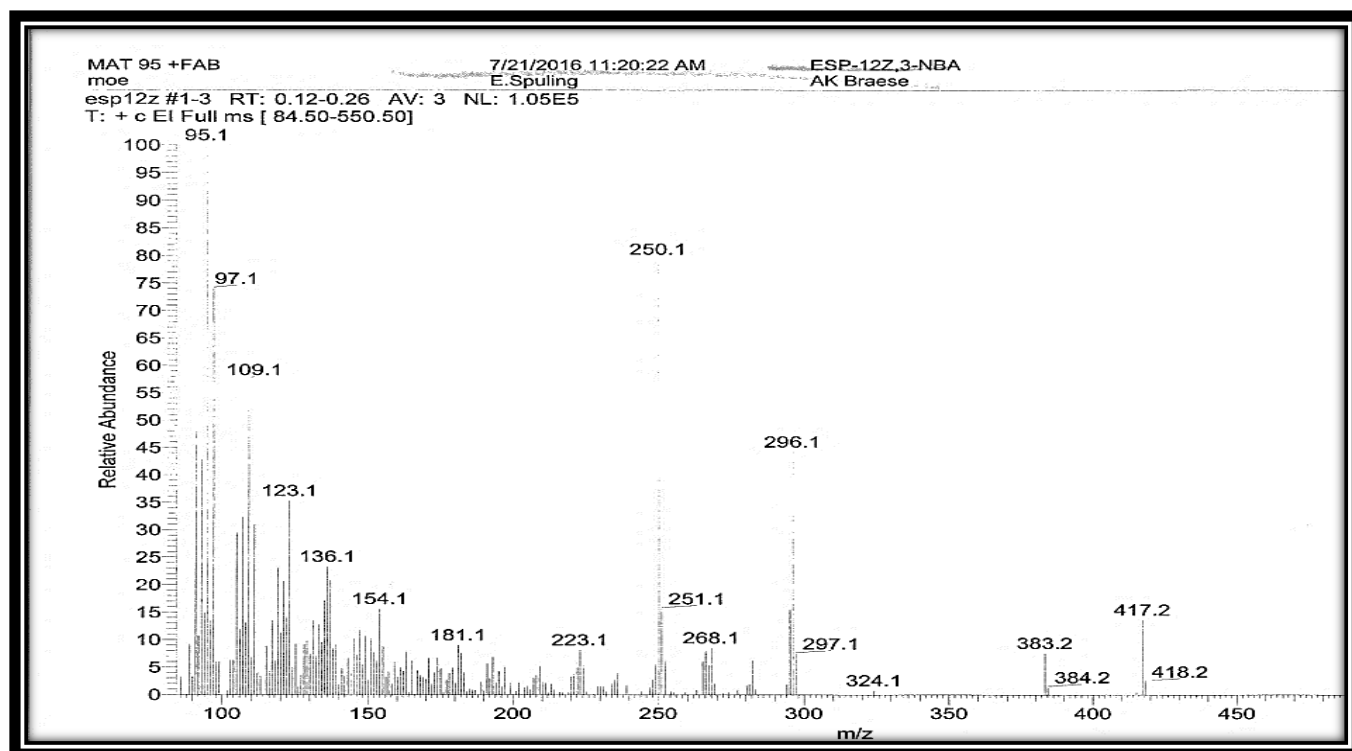


Figure 3. Mass spectrum of compound 6a

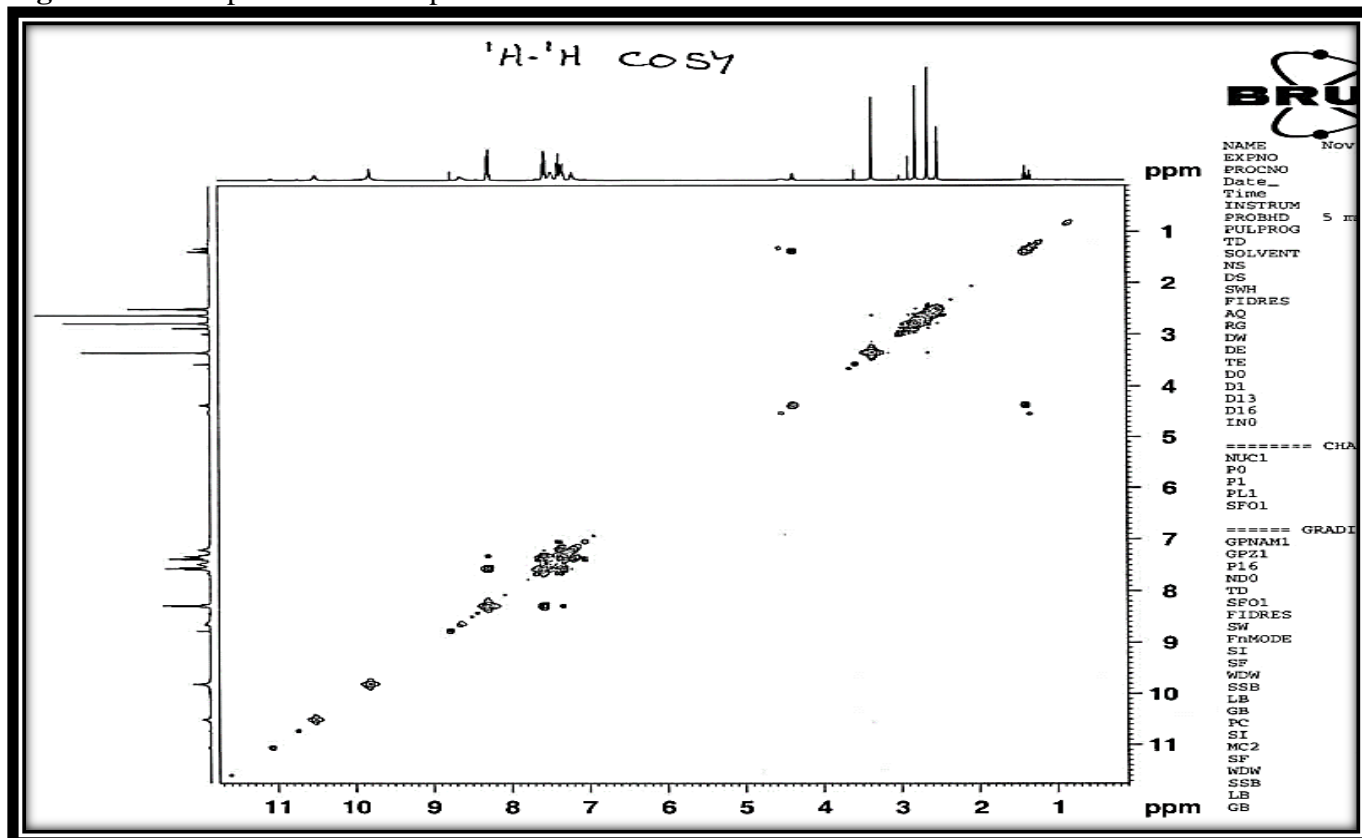


Figure 4. ^1H - ^1H COSY spectrum of compound 6a

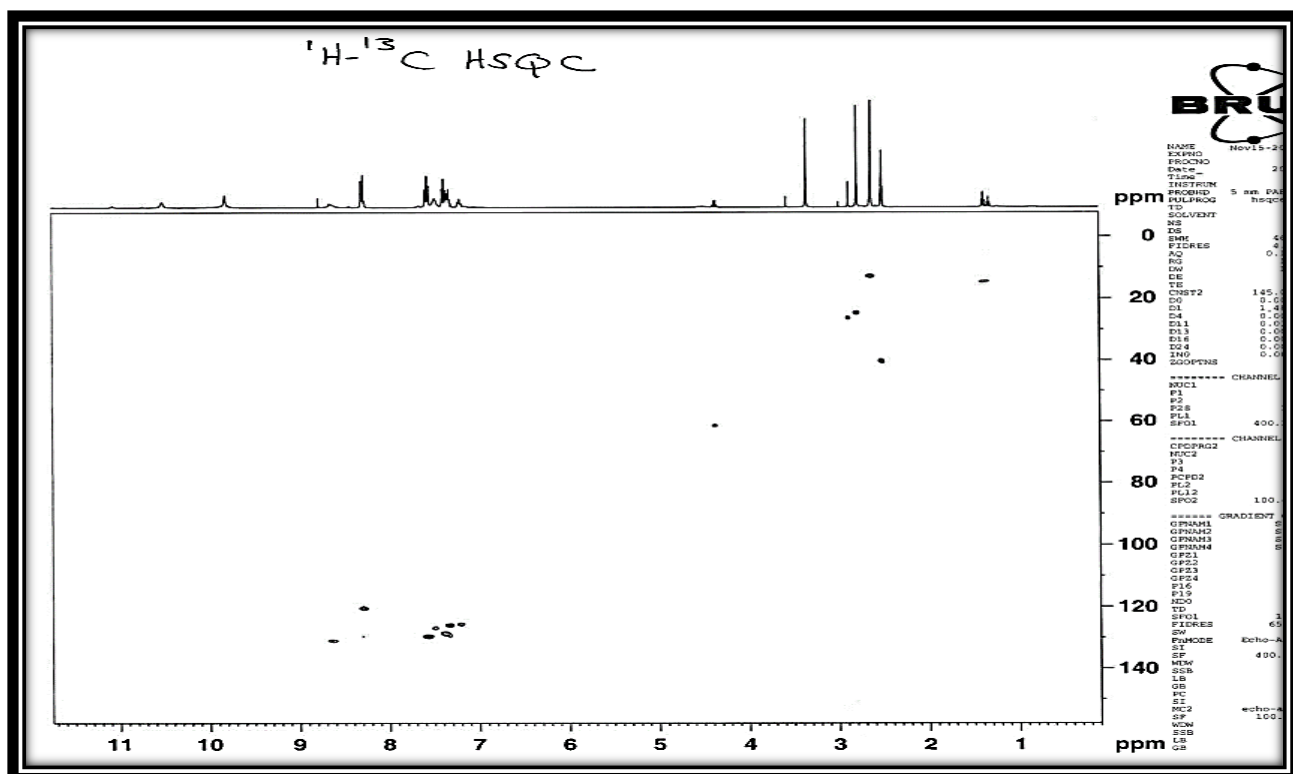


Figure 5. ^1H - ^{13}C HSQC spectrum of compound 6a

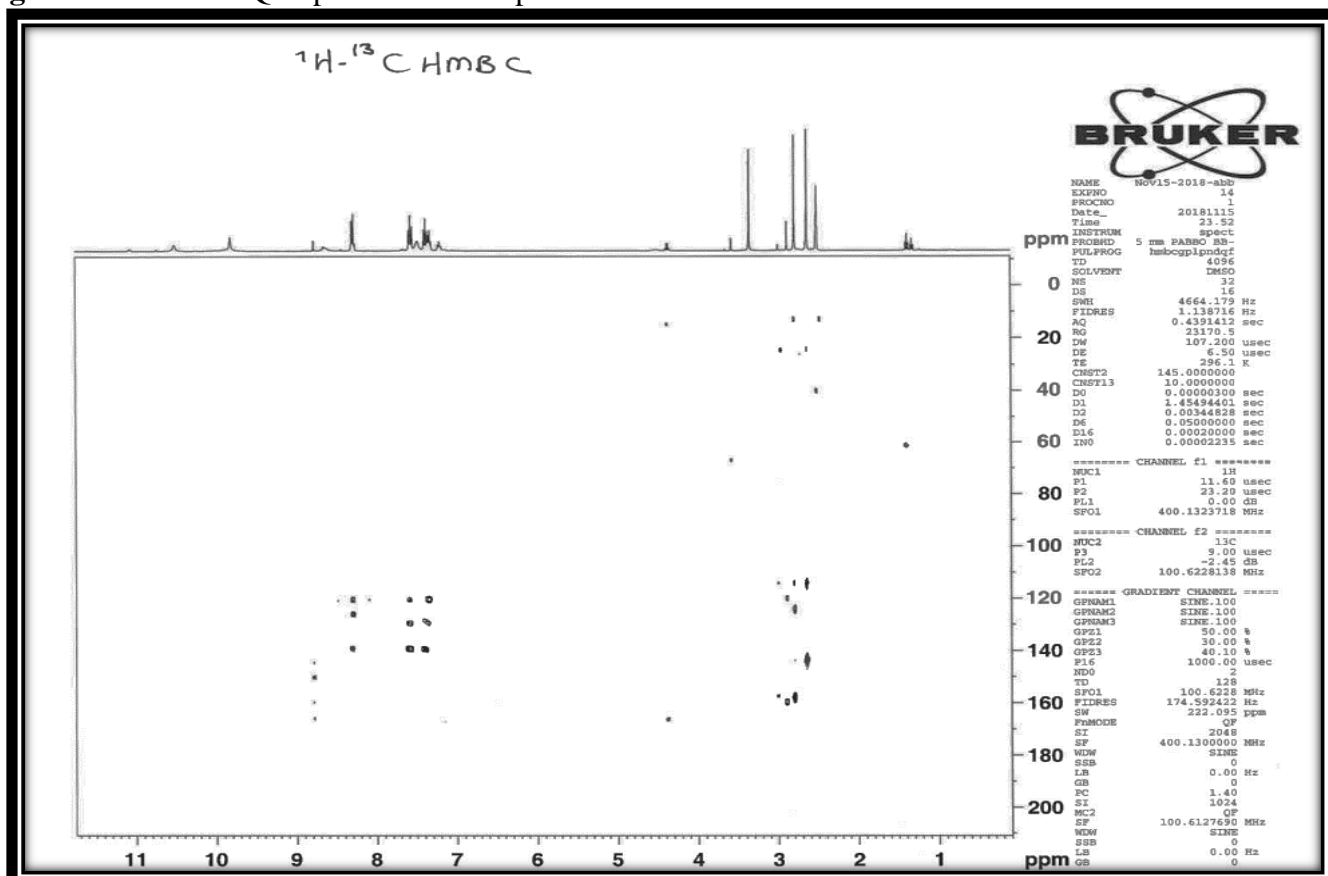


Figure 6. ^1H - ^{13}C HMBC spectrum of compound 6a

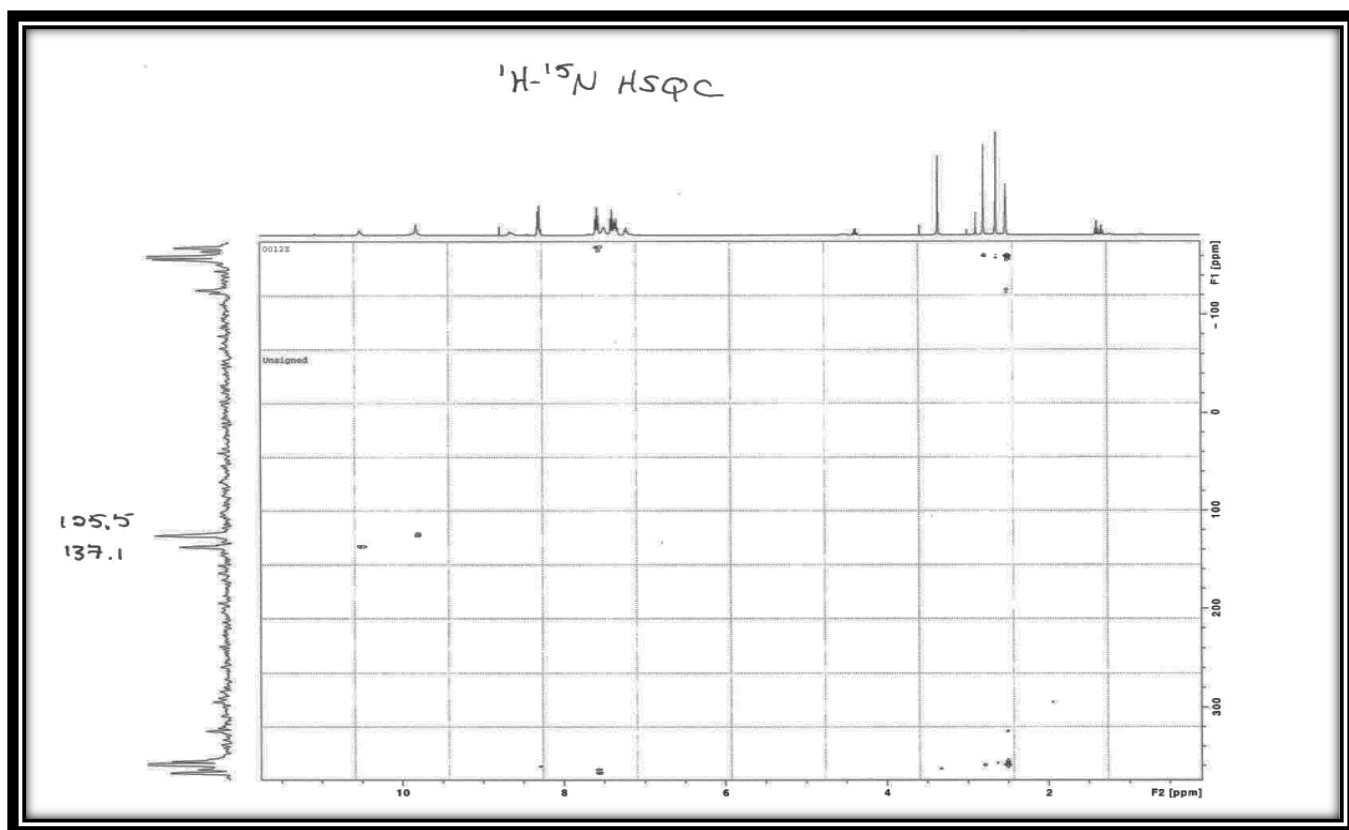


Figure 7. ^1H - ^{15}N HSQC spectrum of compound **6a**

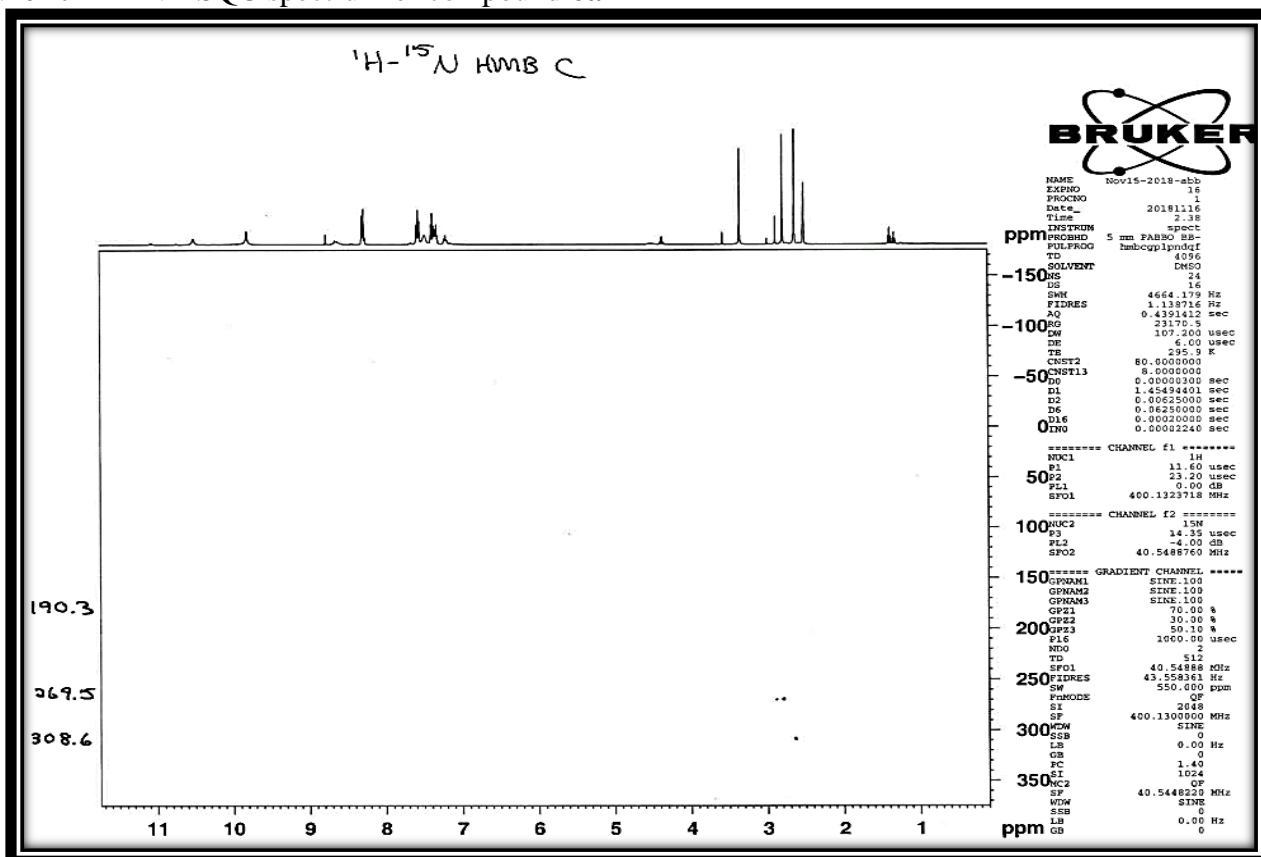


Figure 8. ^1H - ^{15}N HMB C spectrum of compound **6a**

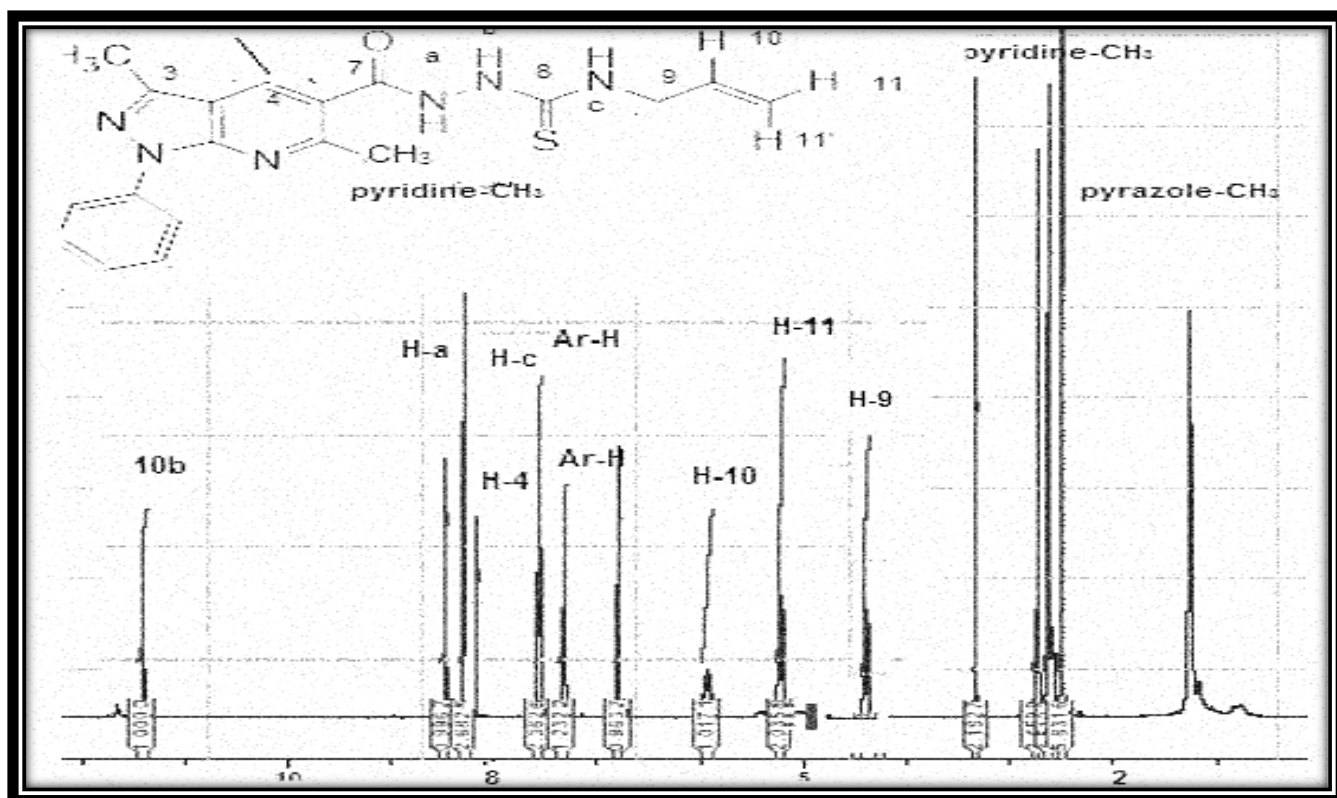


Figure 9. ^1H NMR of compound 6b

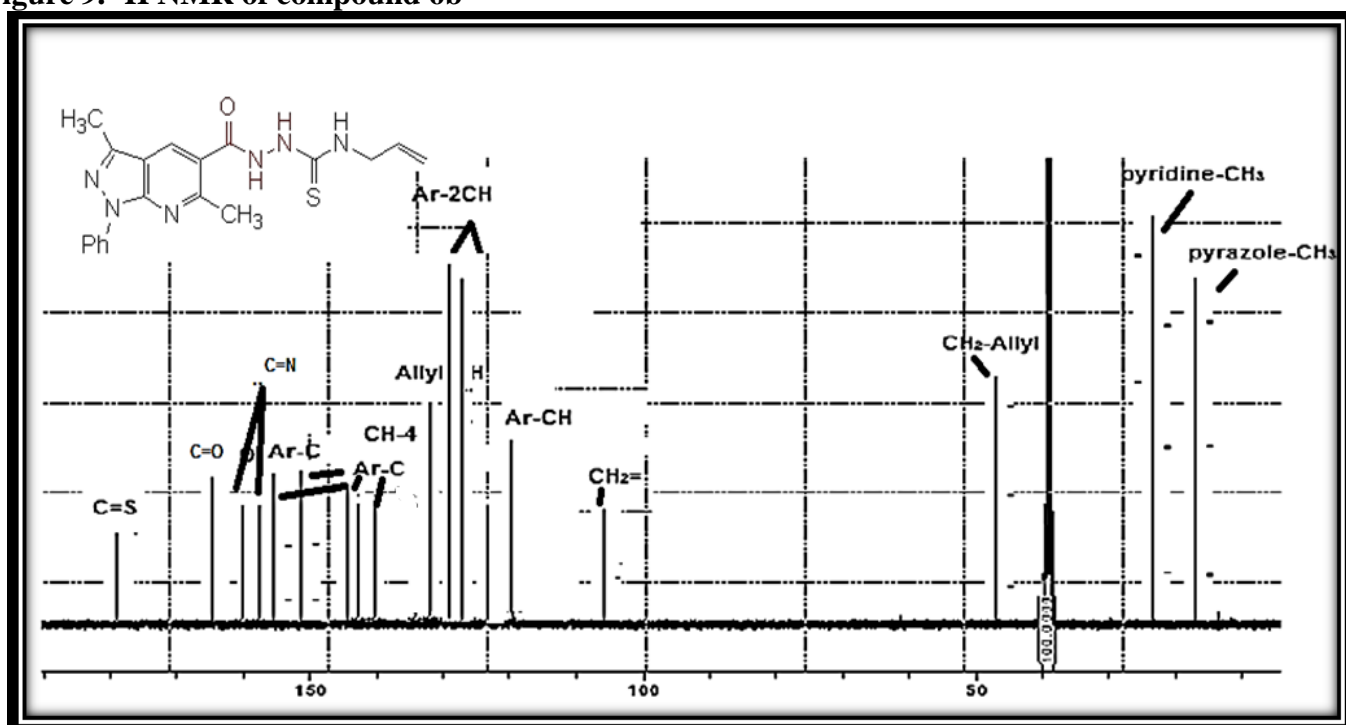


Figure 10. ^{13}C NMR of compound 6b

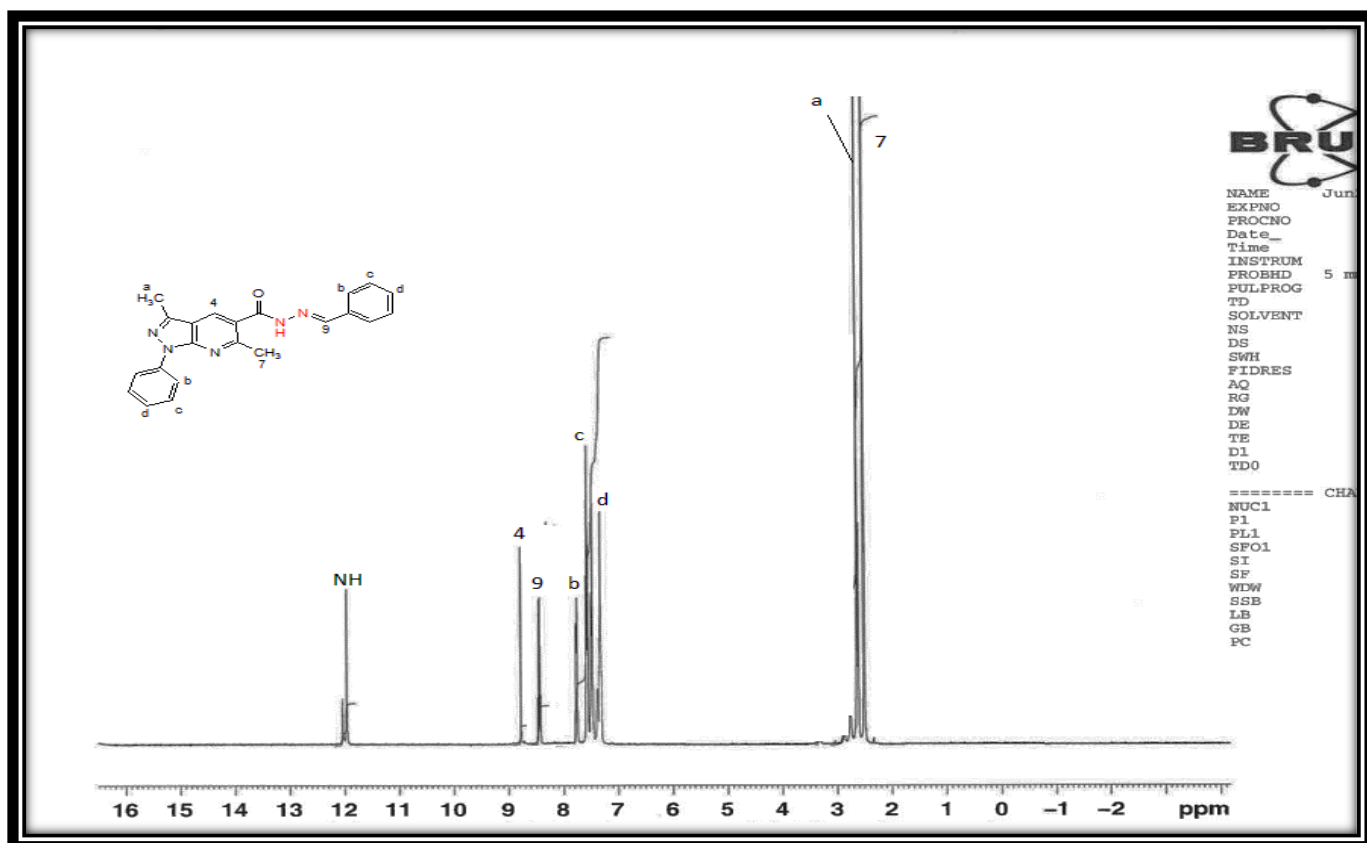


Figure 11. ^1H NMR spectrum of compound 8a

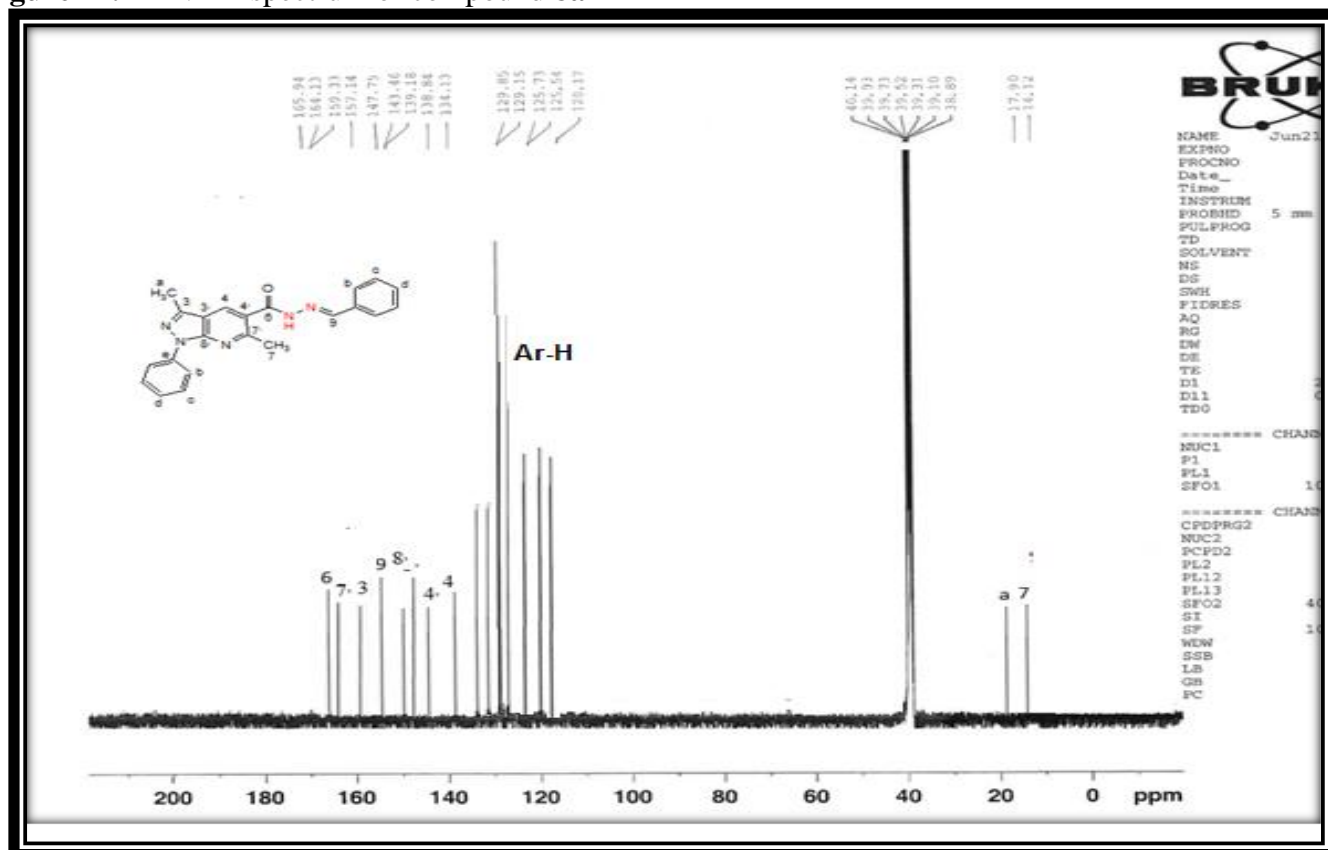


Figure 12. ^{13}C NMR spectrum of compound 8a

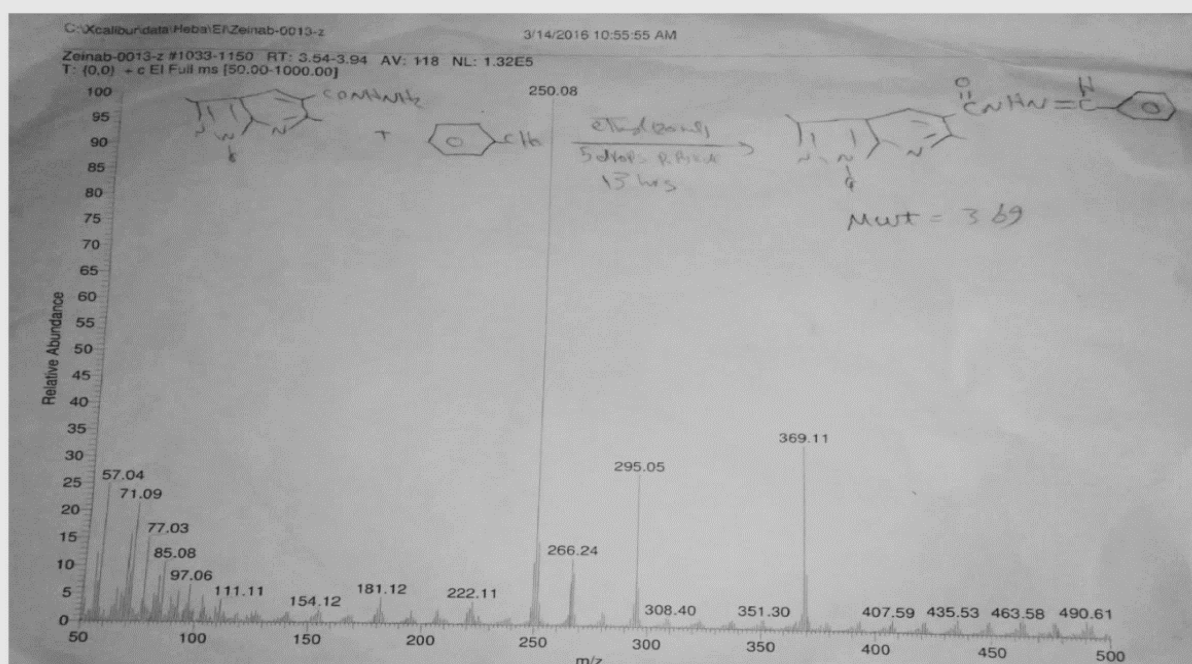


Figure 13. Mass spectrum of compound 8a

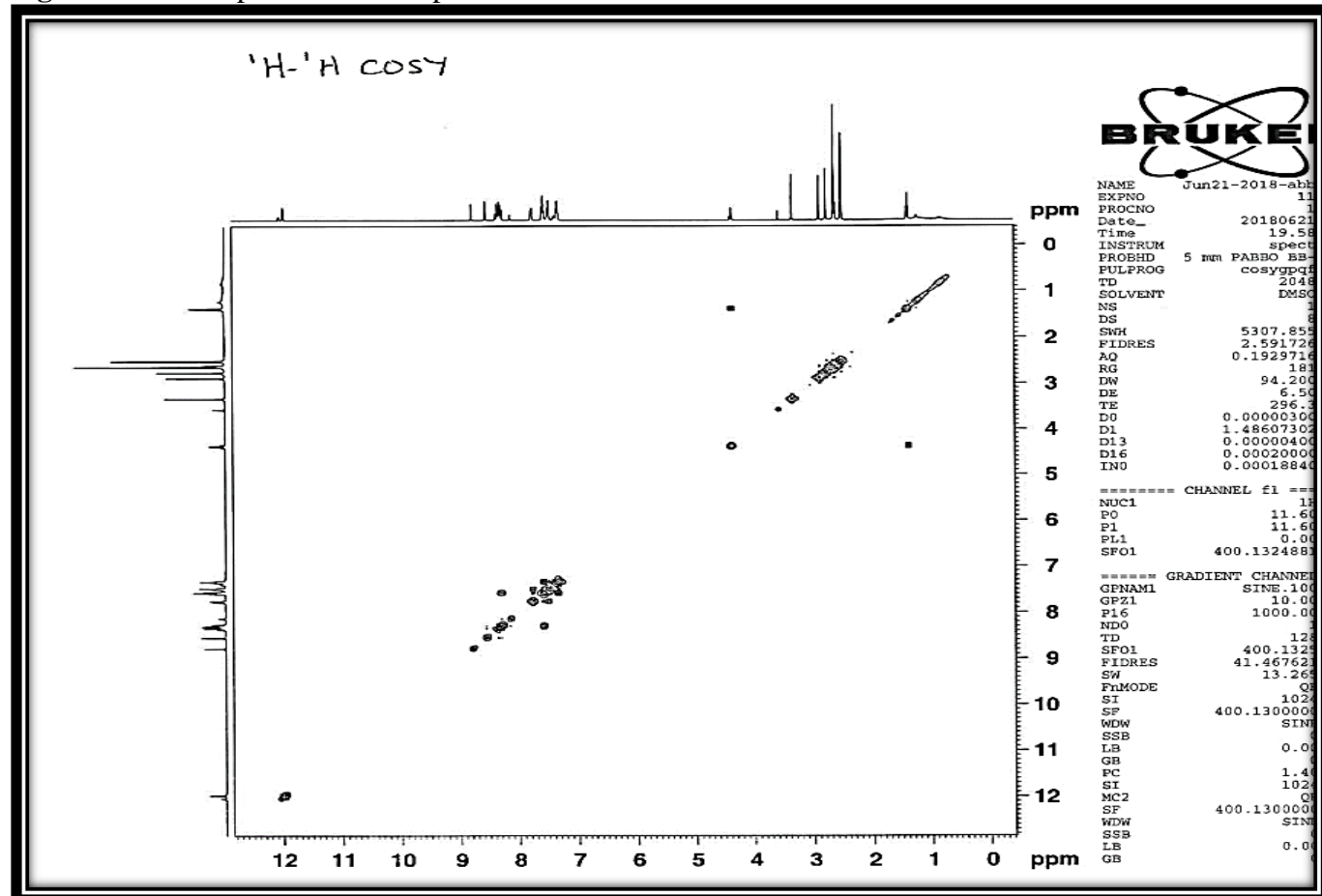


Figure 14. ¹H-¹H COSY spectrum of compound 8a

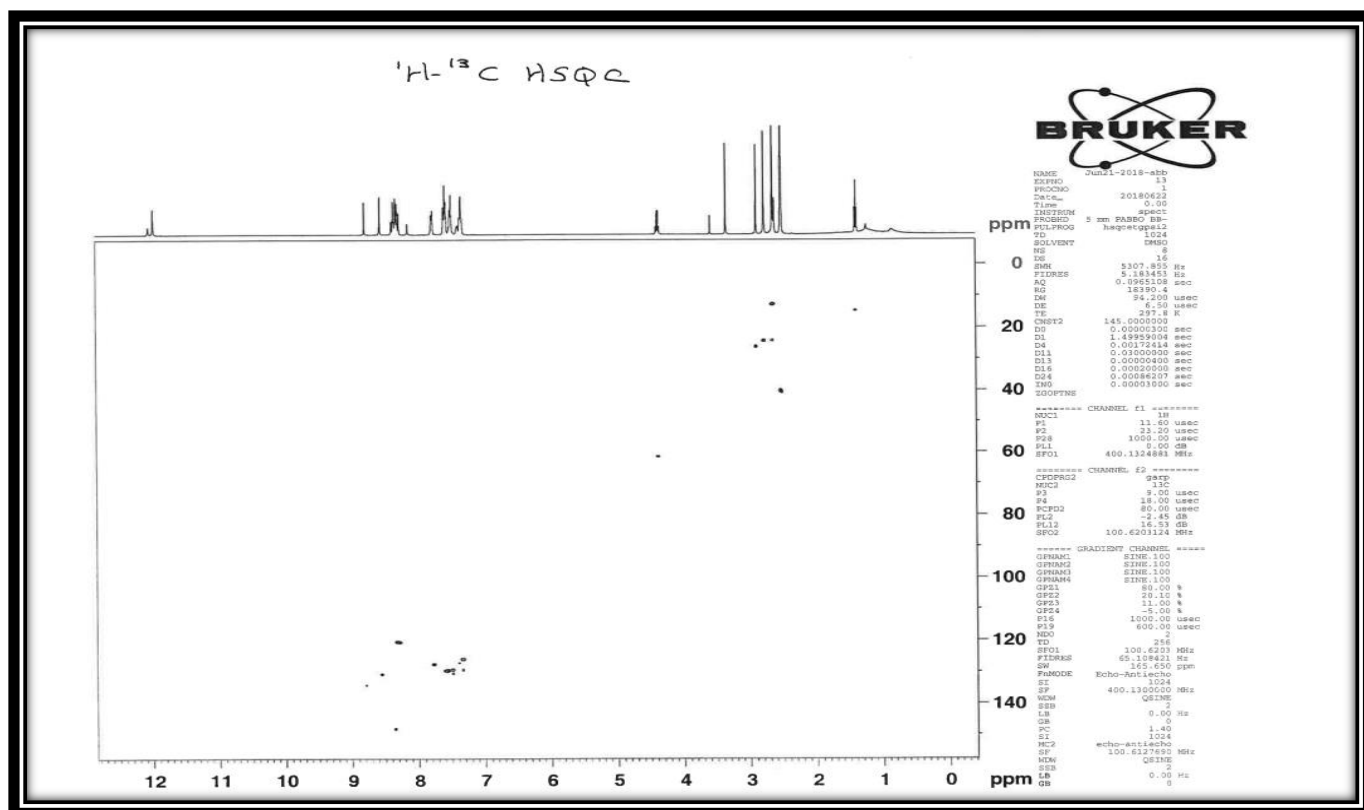


Figure 15. ^1H - ^{13}C HSQC spectrum of compound **8a**

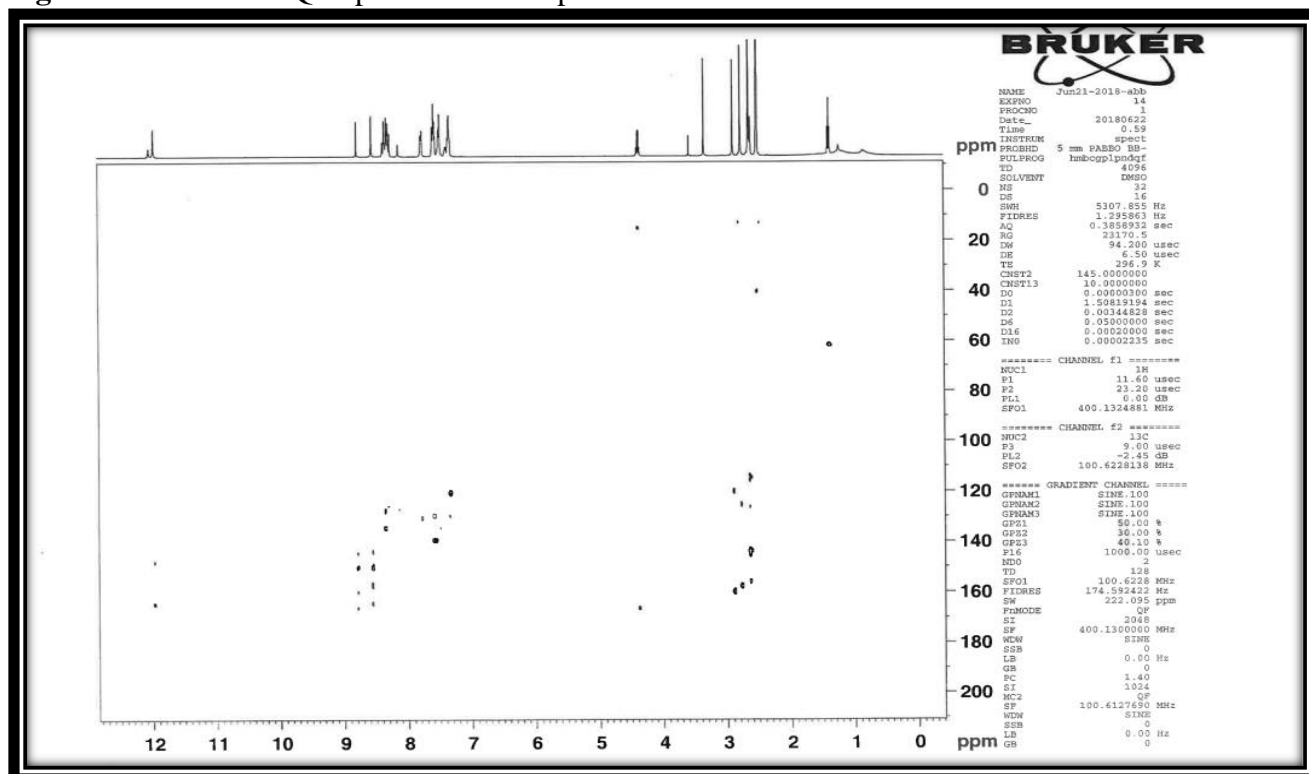


Figure 16. ^1H - ^{13}C HMBC spectrum of compound **8a**

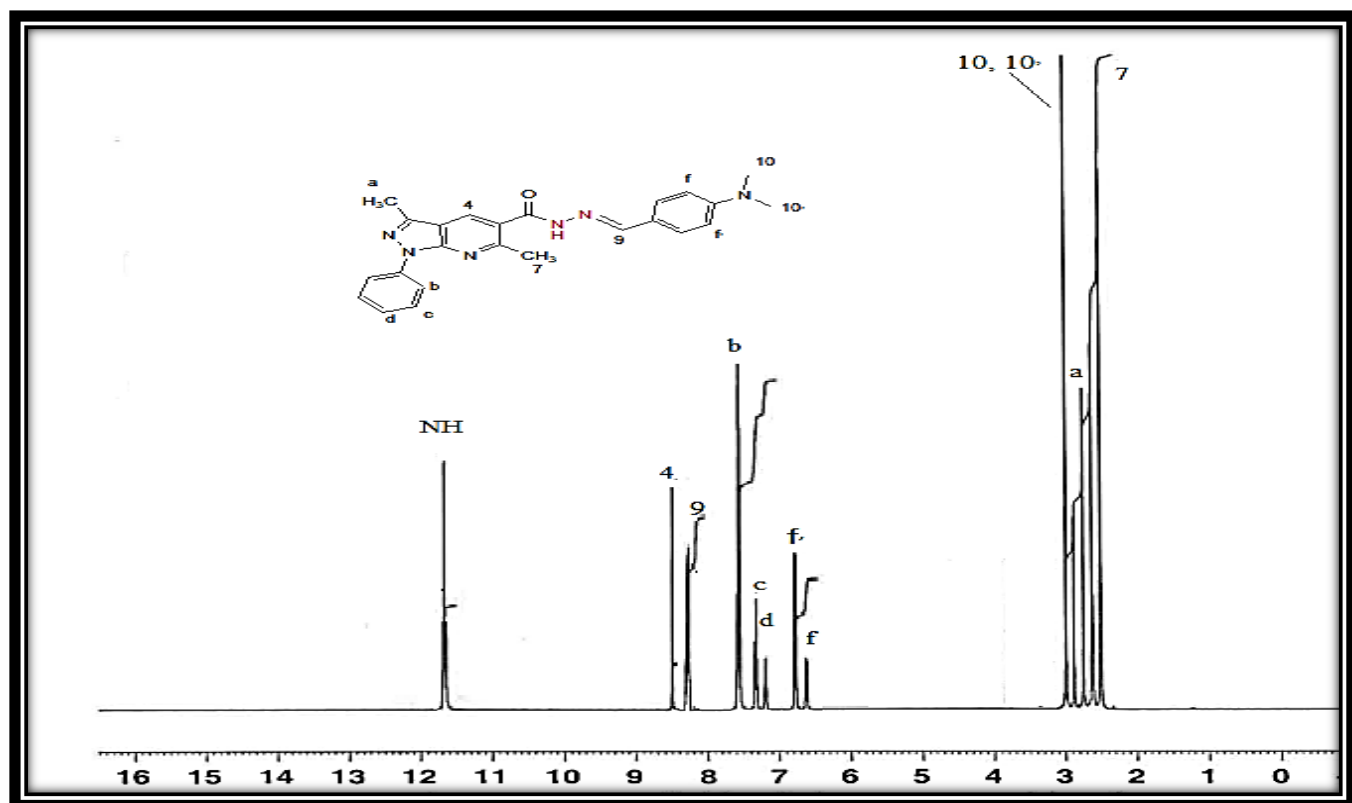


Figure 19. ^1H NMR spectrum of compound **8b**

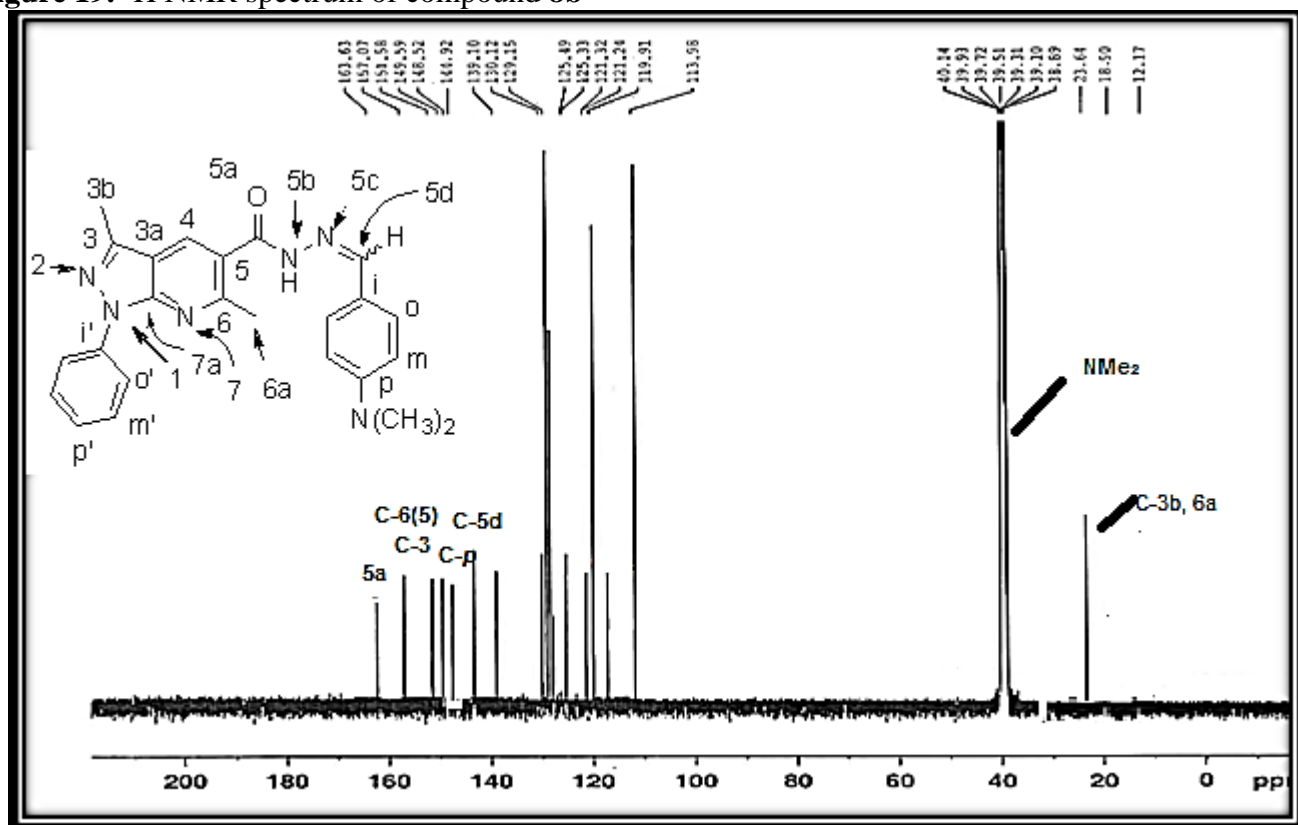


Figure 20. ^{13}C NMR spectrum of compound **8b**

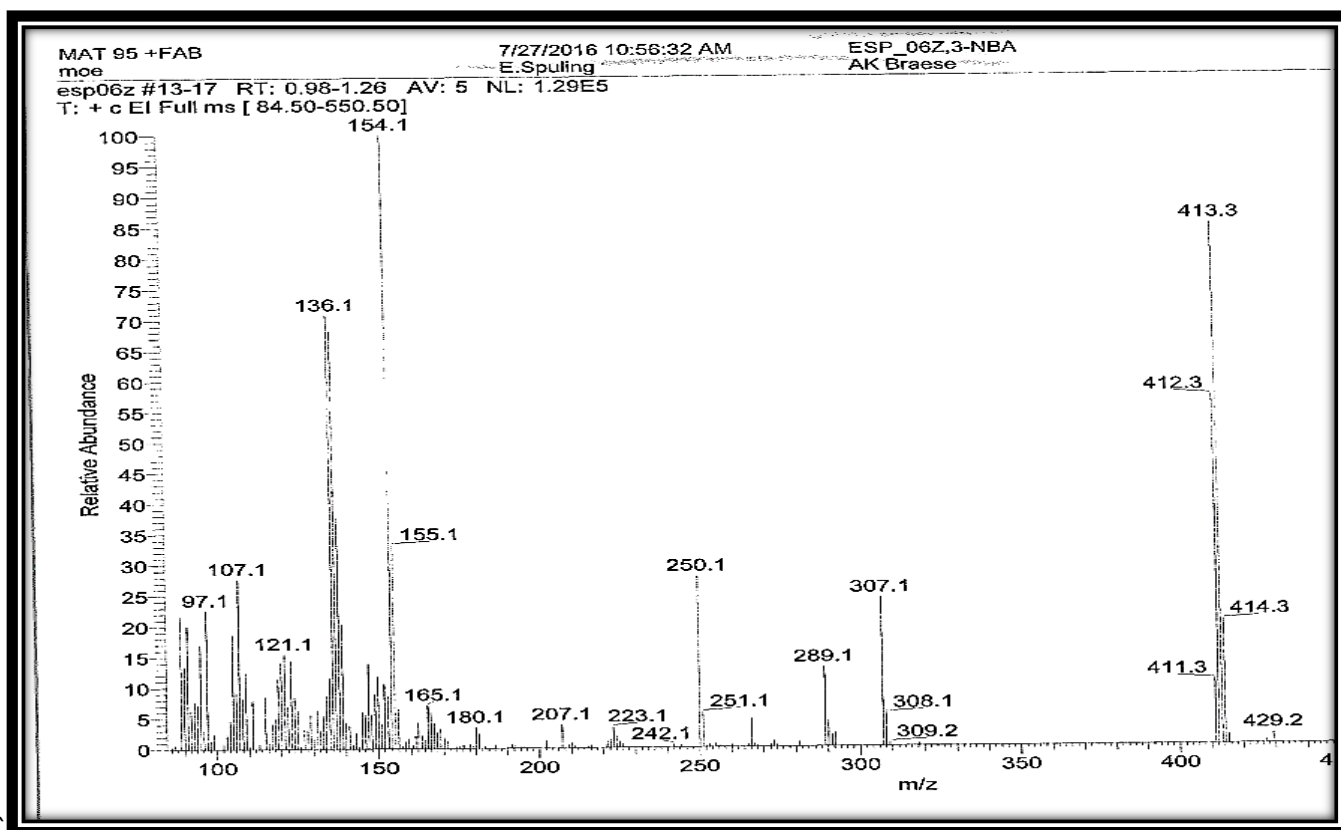


Figure 21. Mass spectrum of compound 8b

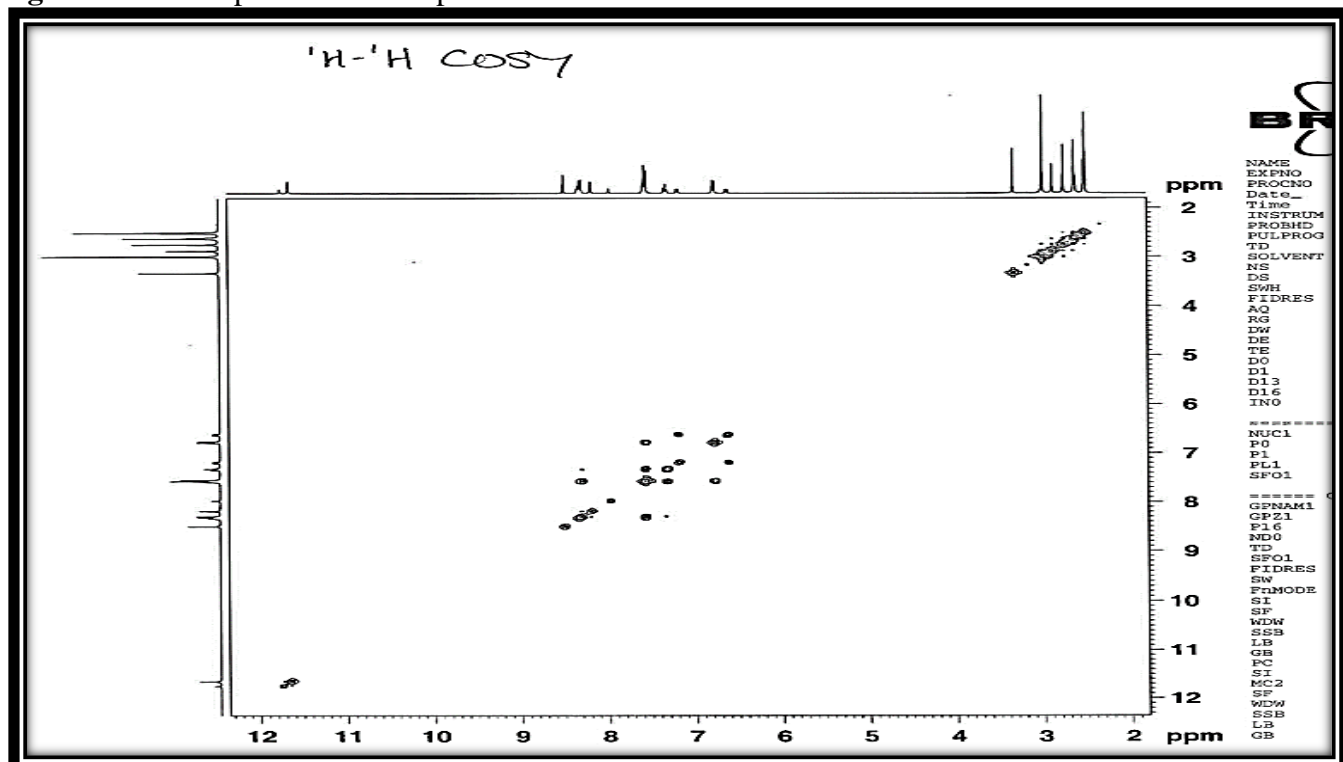


Figure 22. ¹H-¹H COSY spectrum of compound 8b

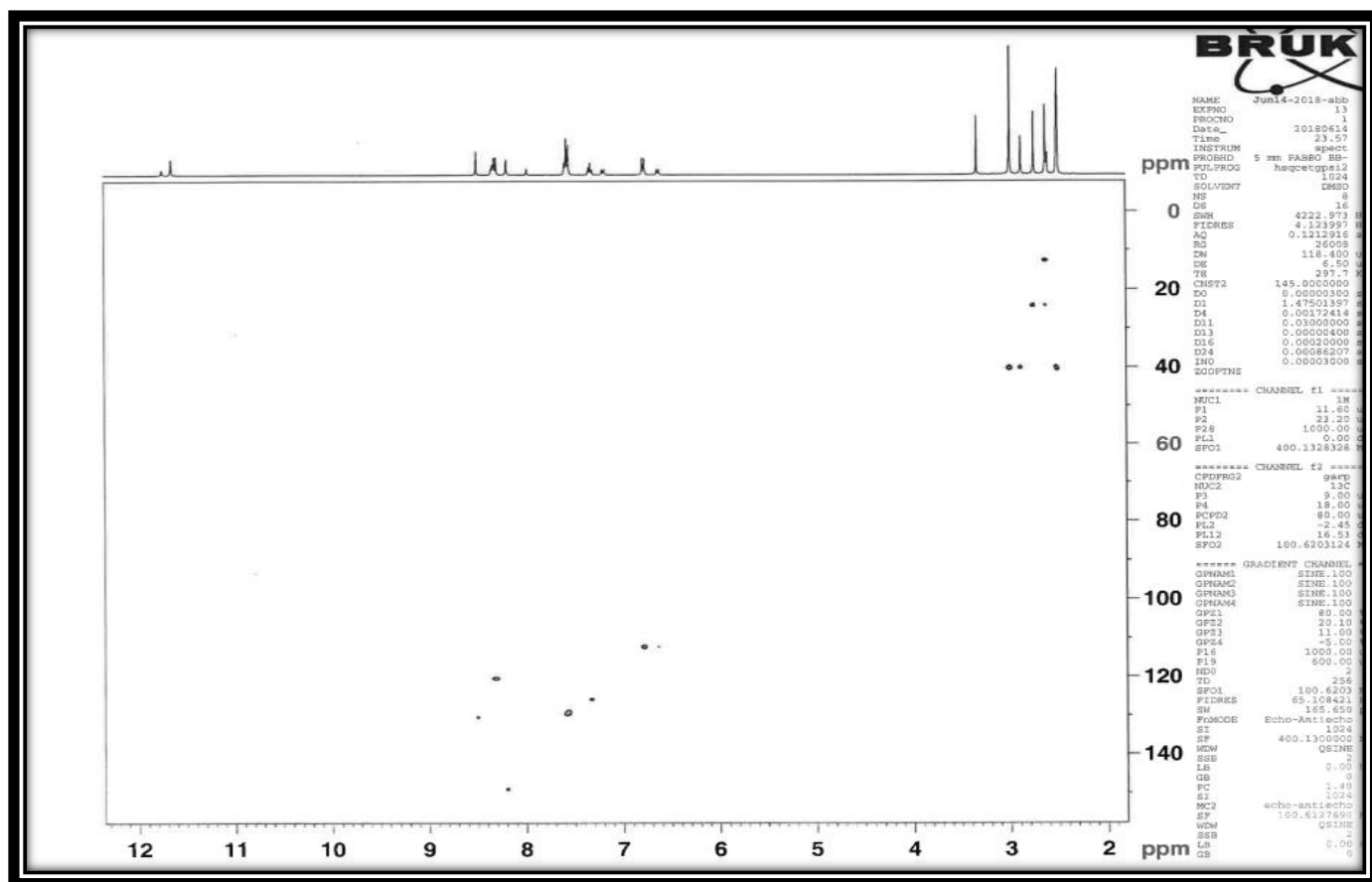


Figure 23. ^1H - ^{13}C HSQC spectrum of compound 8b

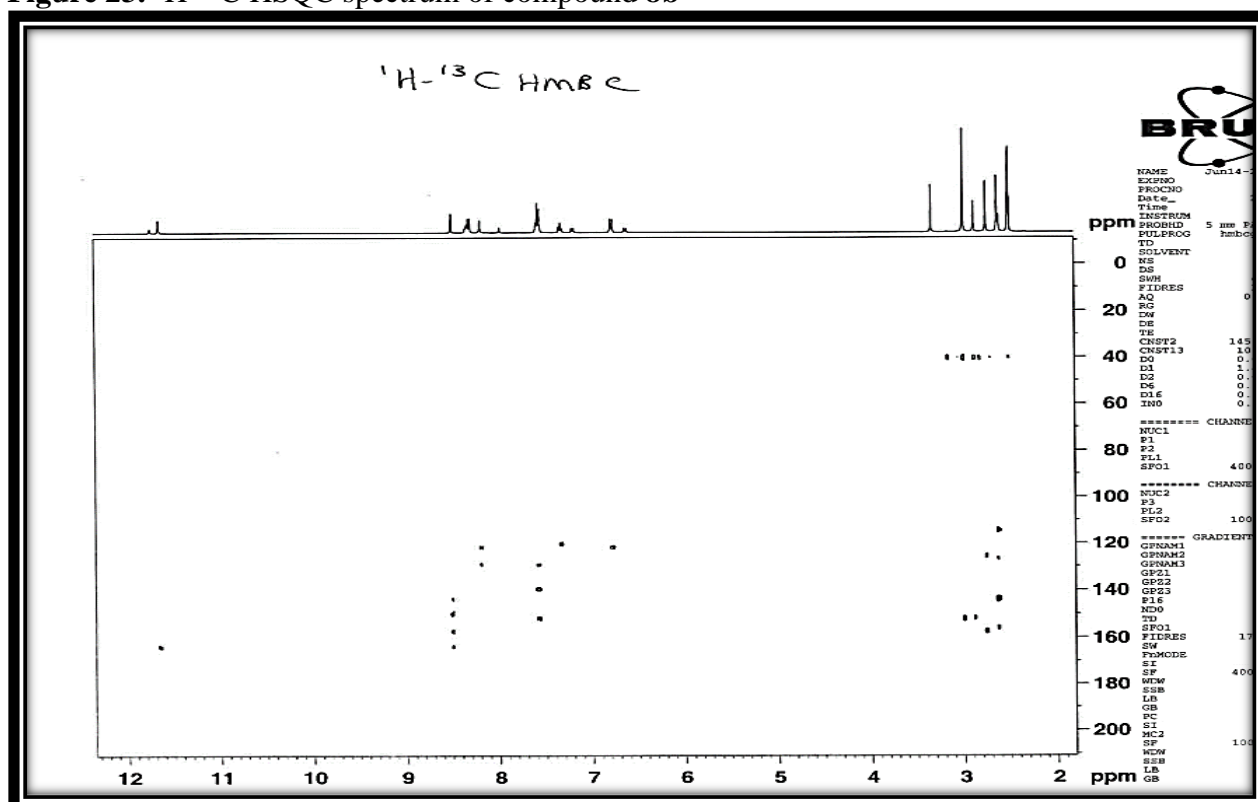


Figure 24. ^1H - ^{13}C HMBC spectrum of compound 8b

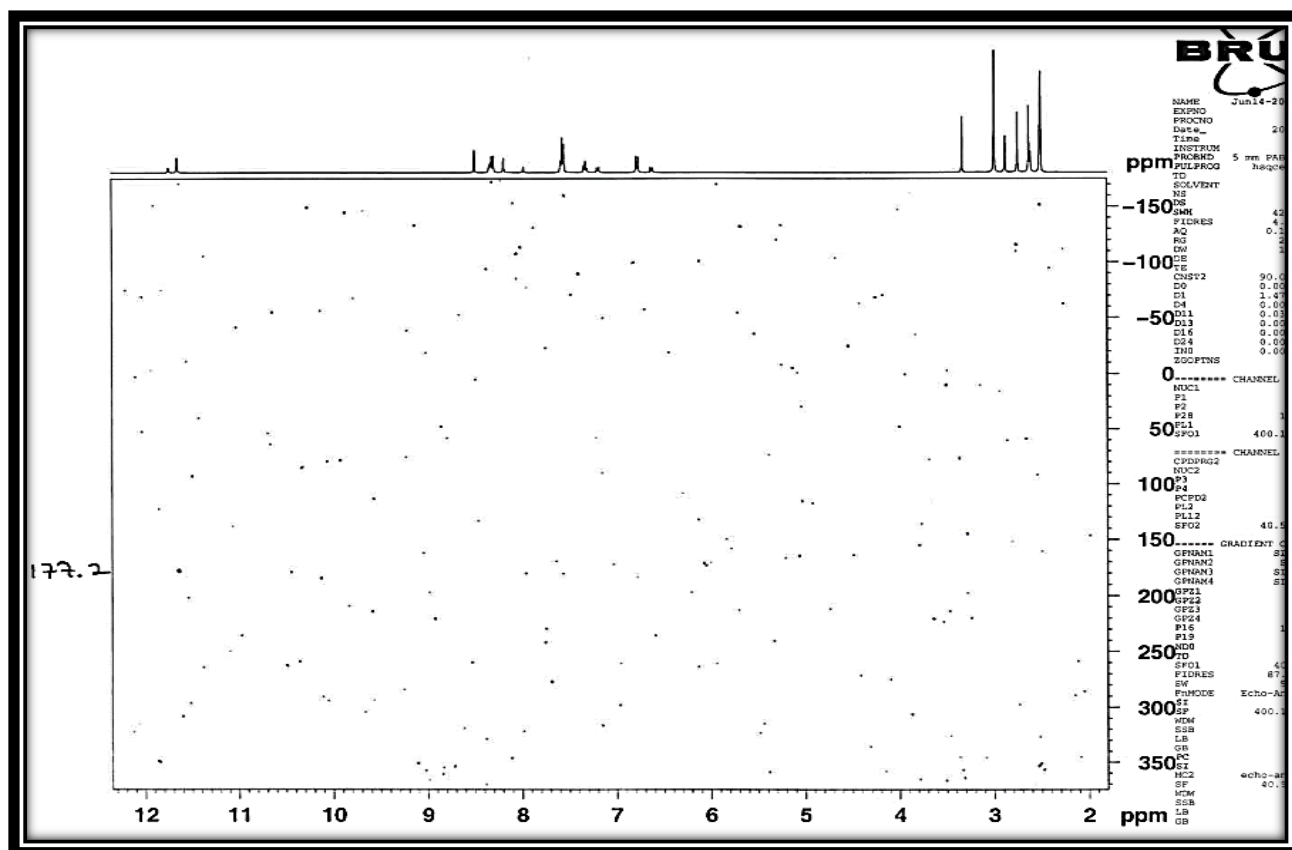


Figure 25. ^1H - ^{15}N HSQC spectrum of compound **8b**

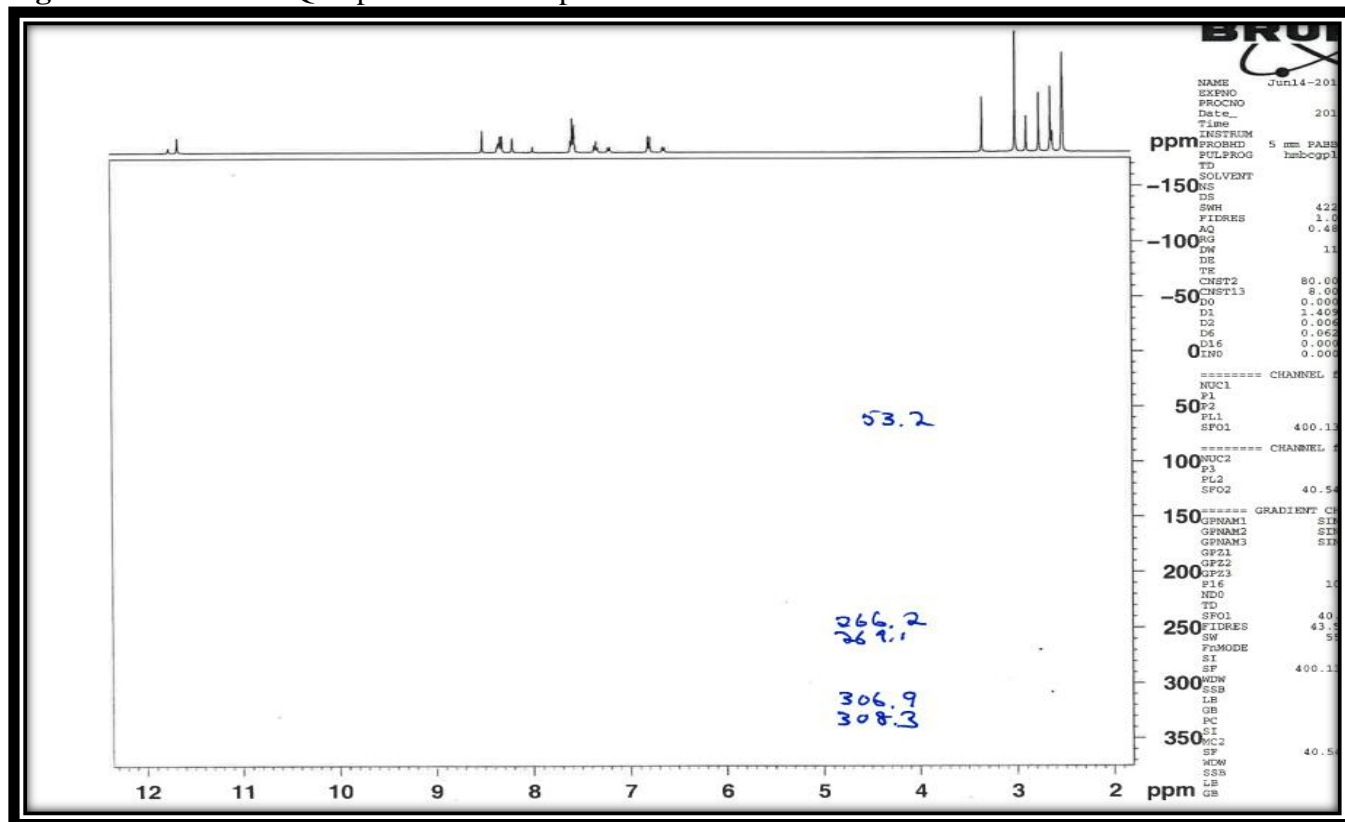


Figure 26. ^1H - ^{15}N HMBC spectrum of compound **8b**

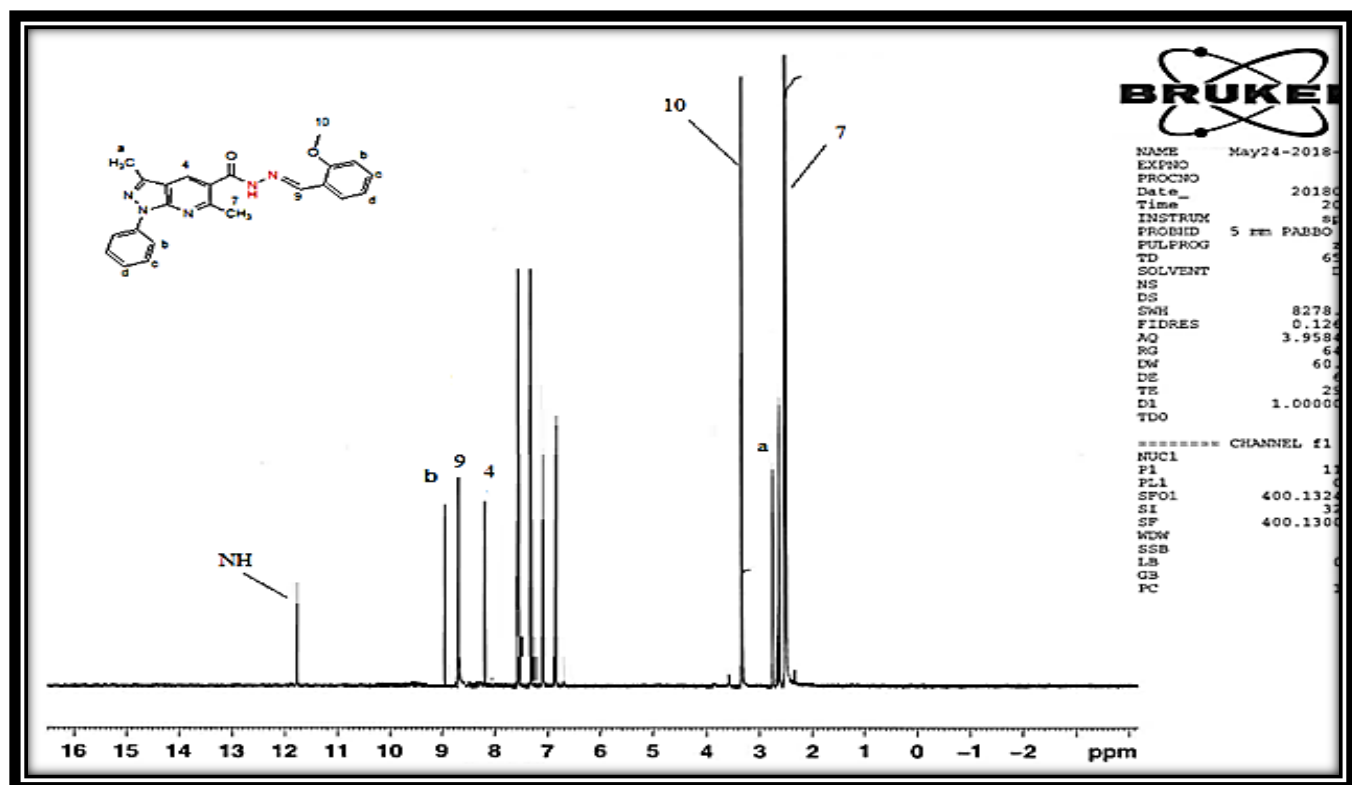


Figure 27. ¹H NMR spectrum of compound 8c

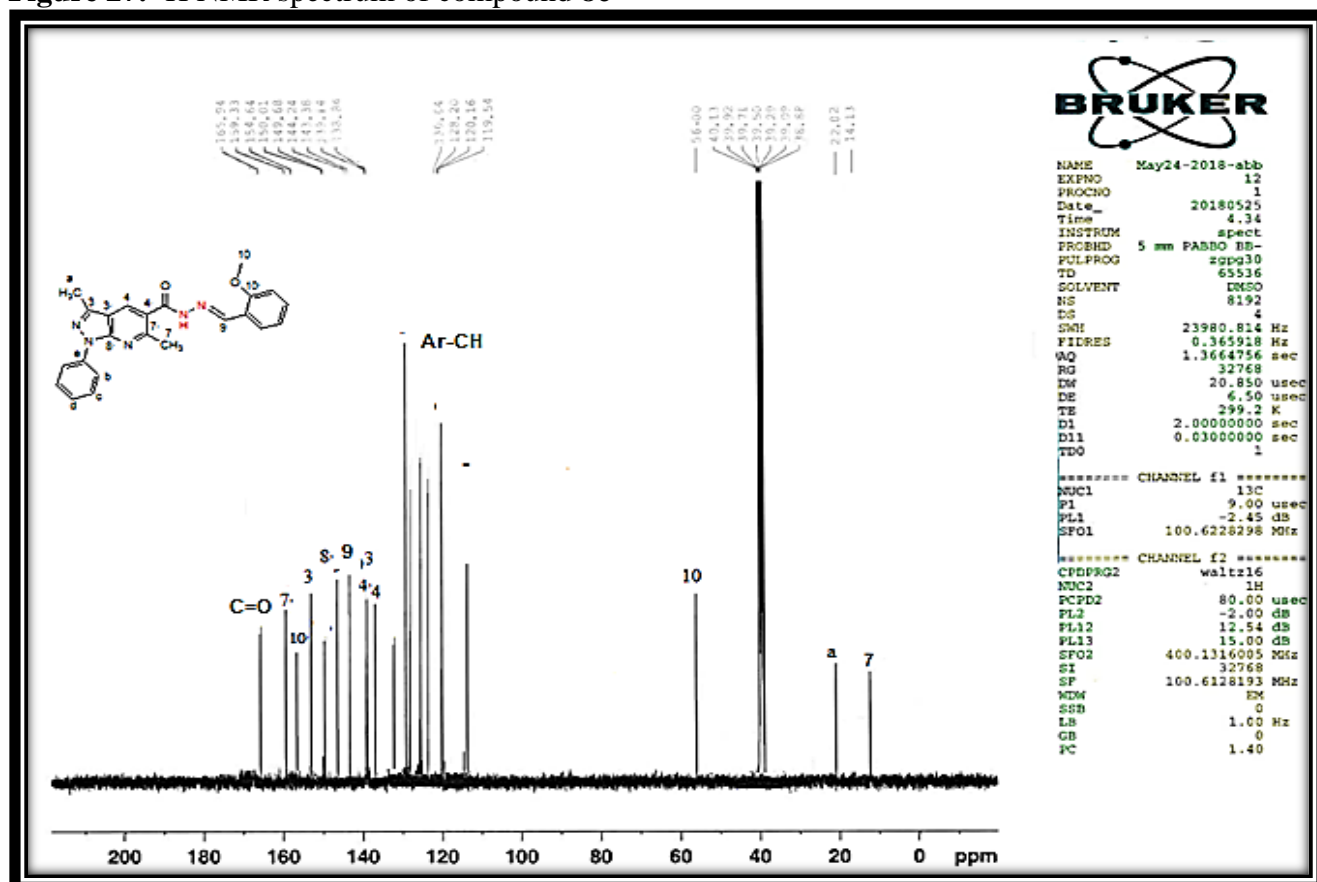


Figure 28. ¹³C NMR spectrum of compound 8c

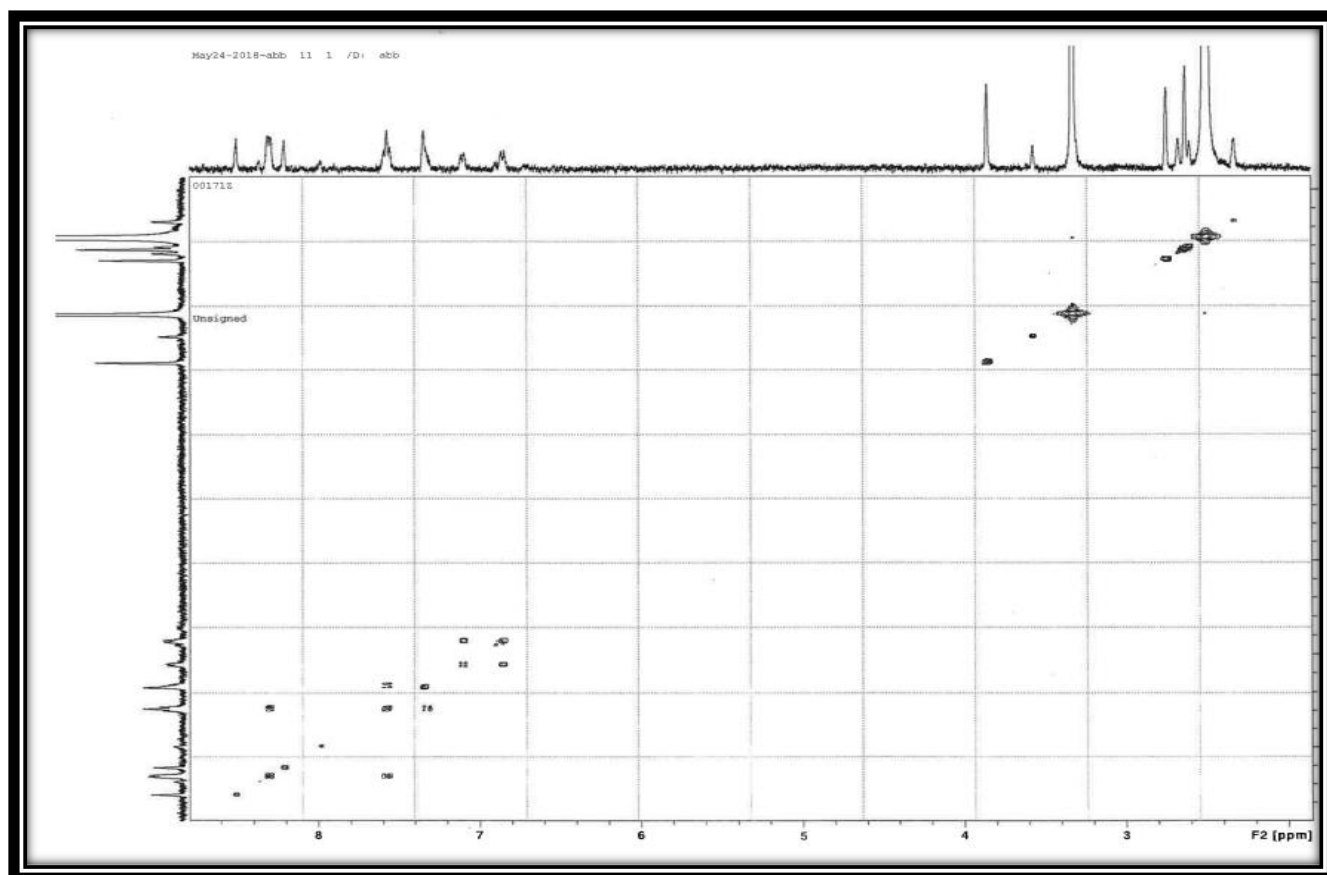


Figure 29. ^1H - ^1H COSY spectrum of compound **8c**

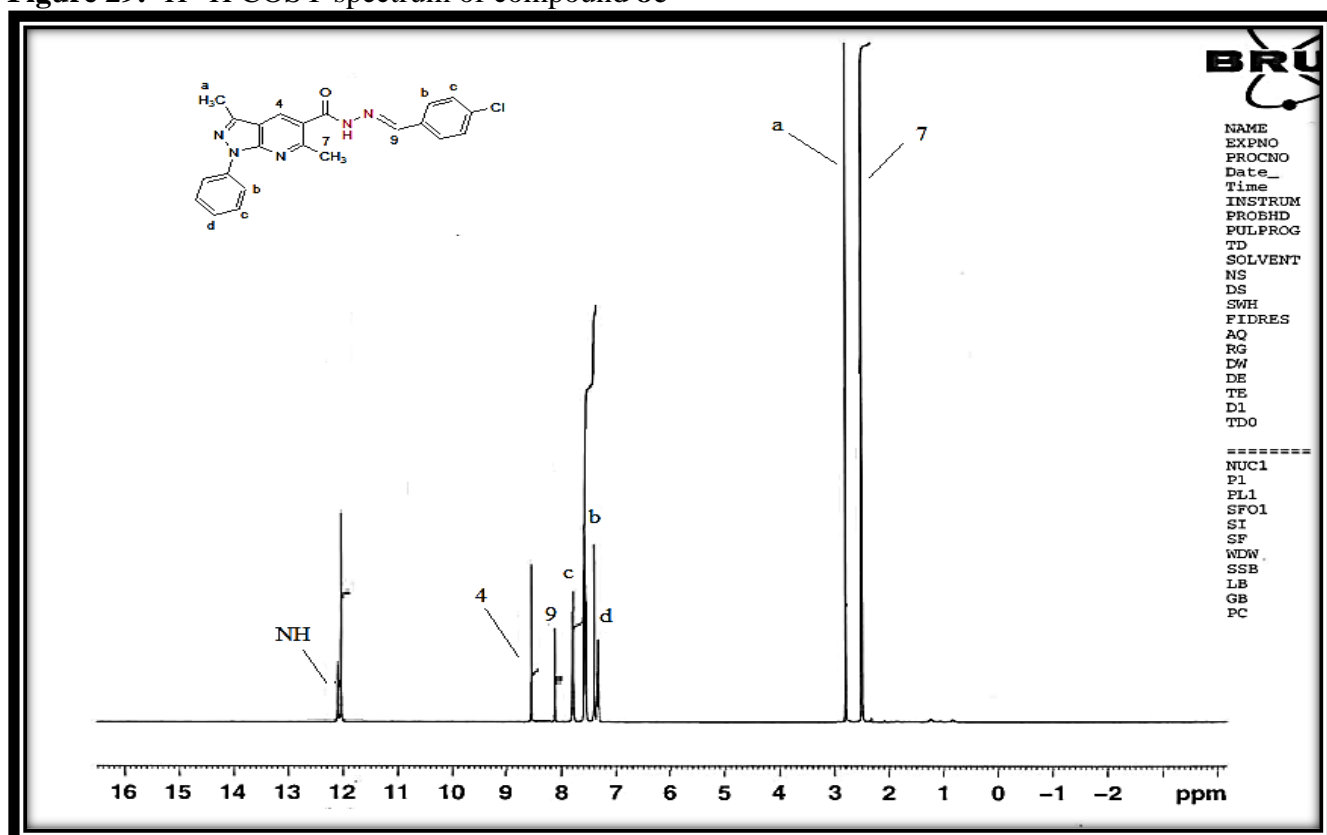


Figure 30. ^1H NMR spectrum of compound **8d**

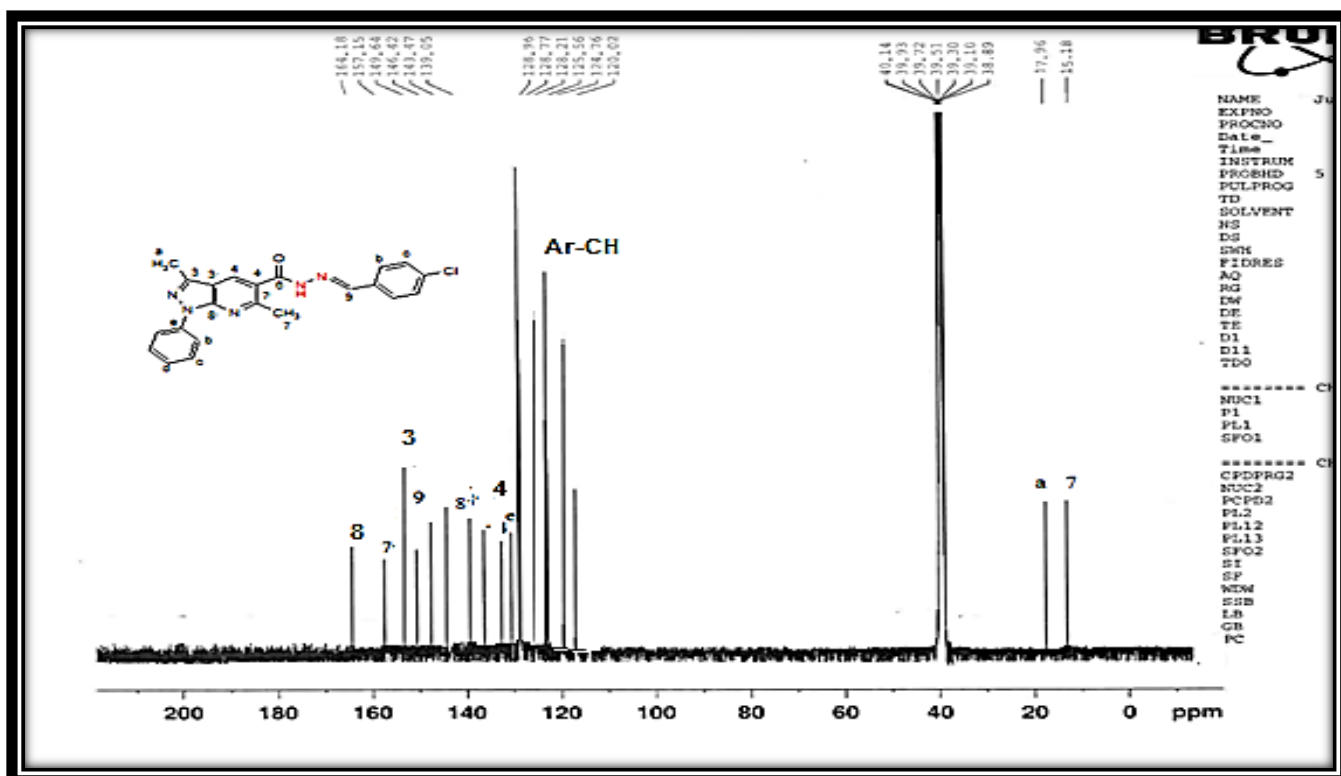


Figure 31. ^{13}C NMR spectrum of compound 8d

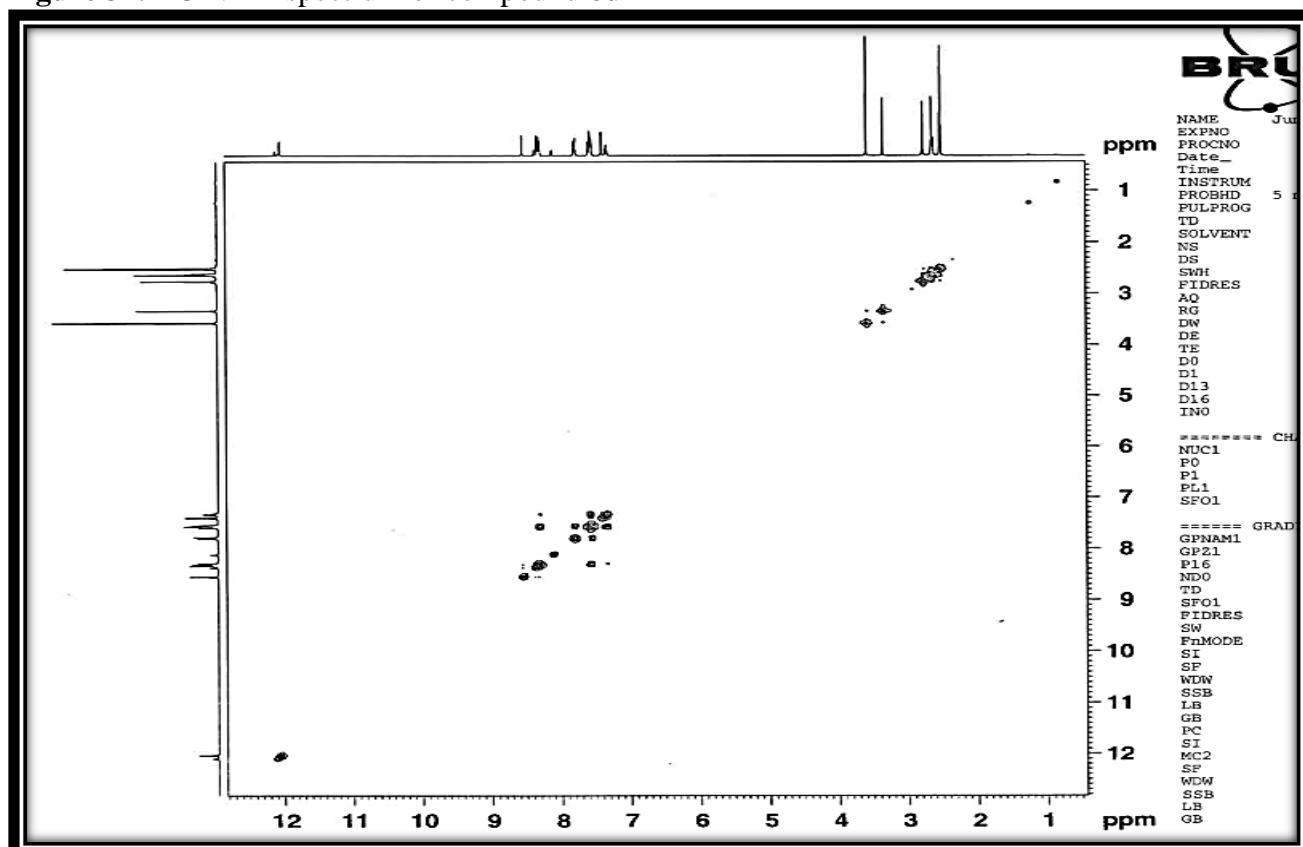


Figure 32. ^1H - ^1H COSY spectrum of compound 8d

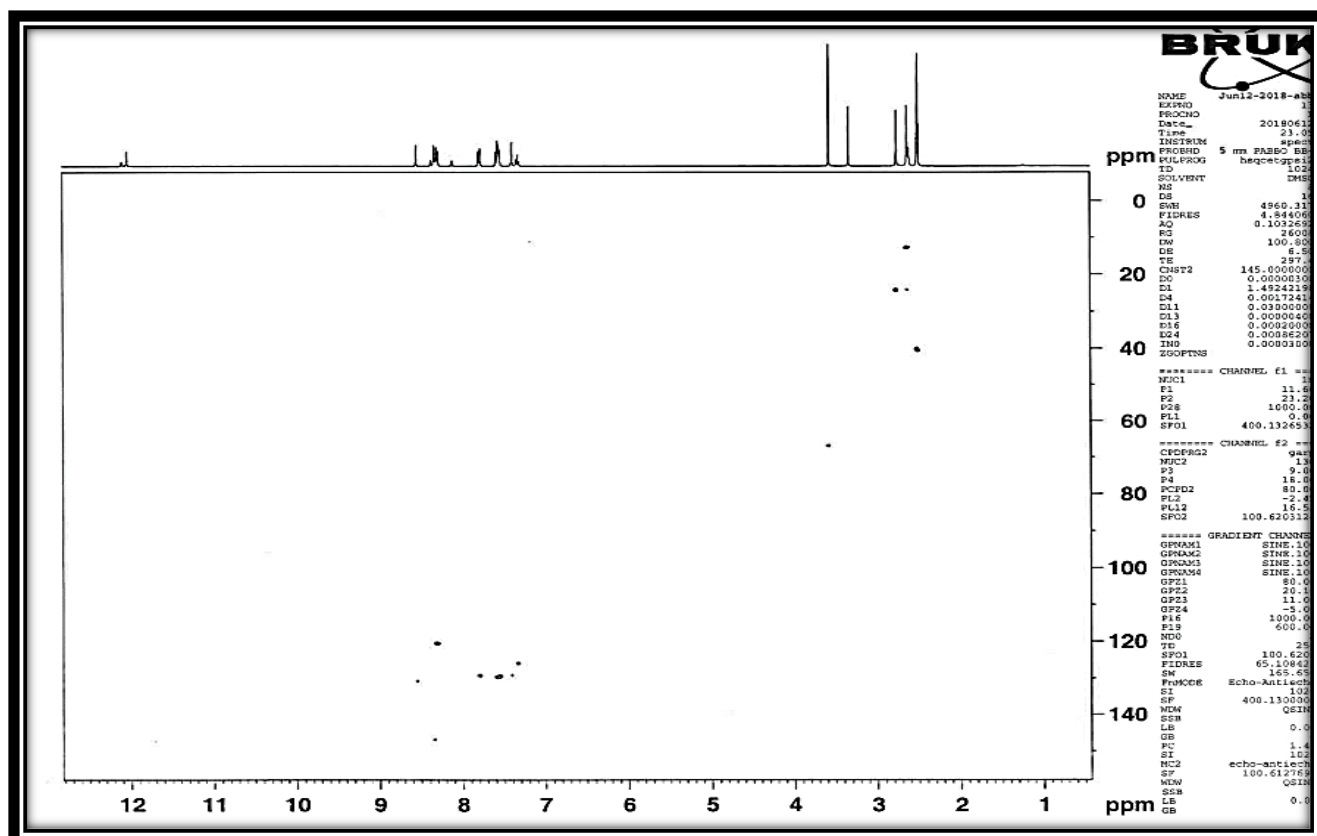


Figure 33. ^1H - ^{13}C HSQC spectrum of compound **8d**

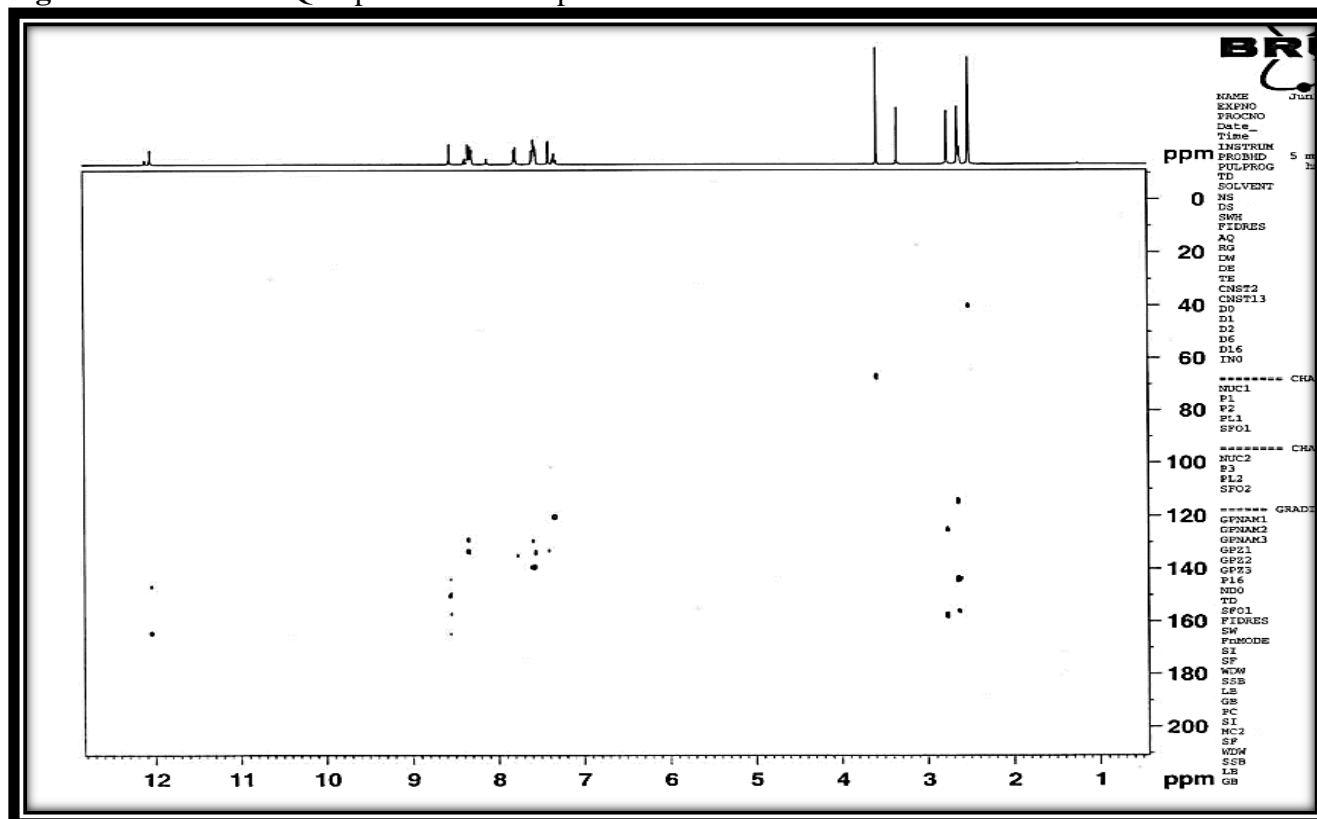


Figure 34. ^1H - ^{13}C HMBC spectrum of compound **8d**

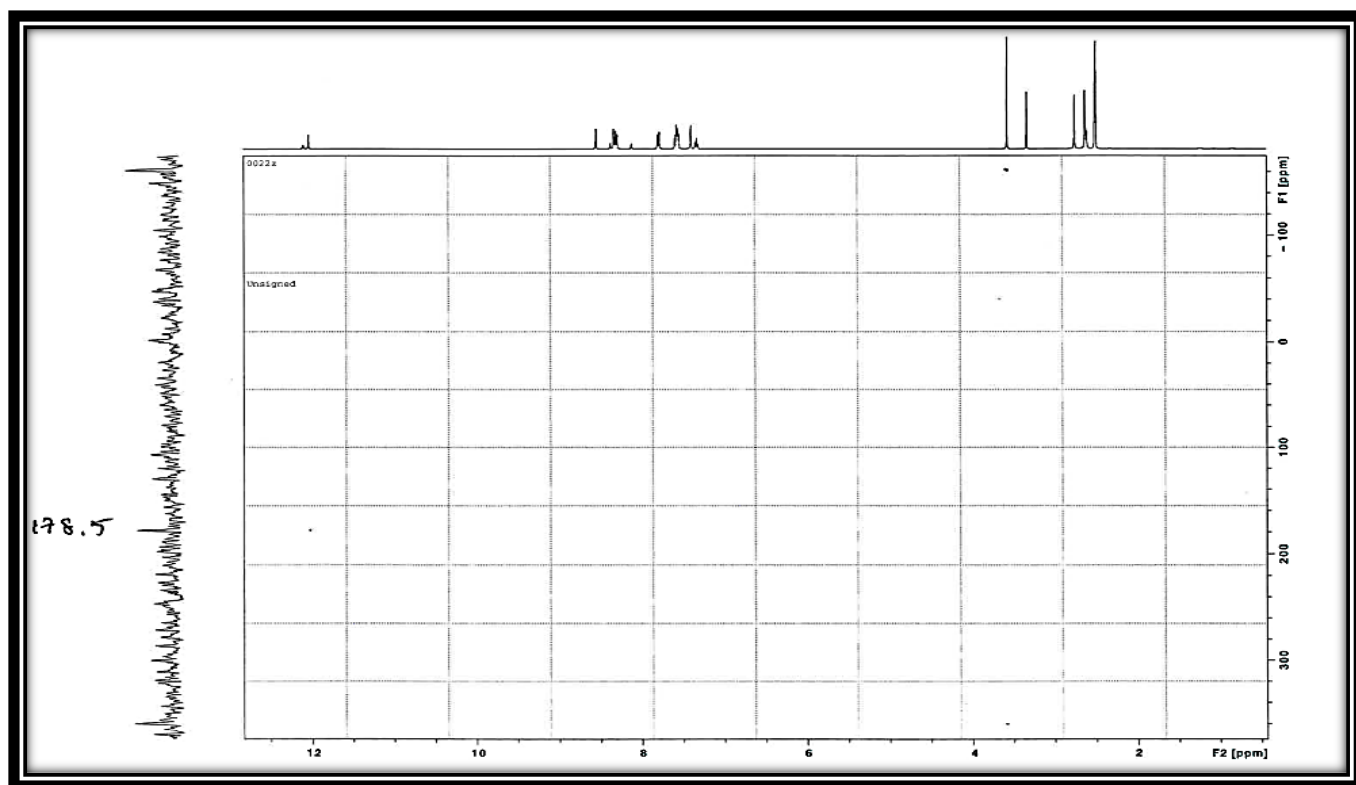


Figure 35. ^1N - ^{15}N HSQC spectrum of compound **8d**

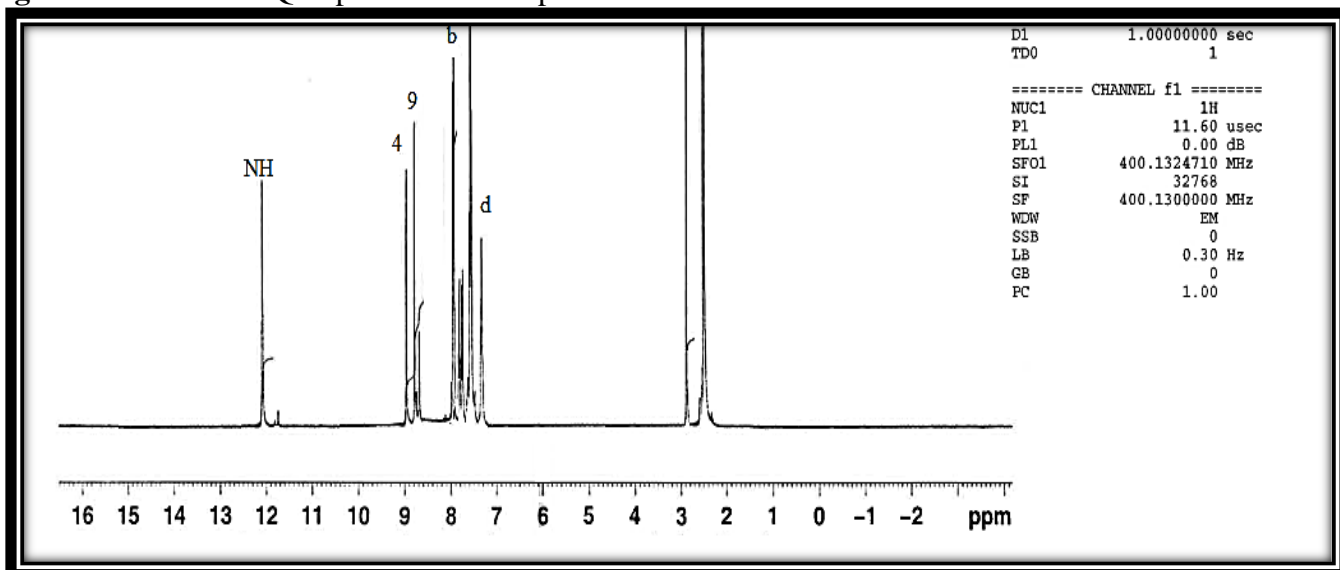


Figure 36. ^1H NMR spectrum of compound **8e**

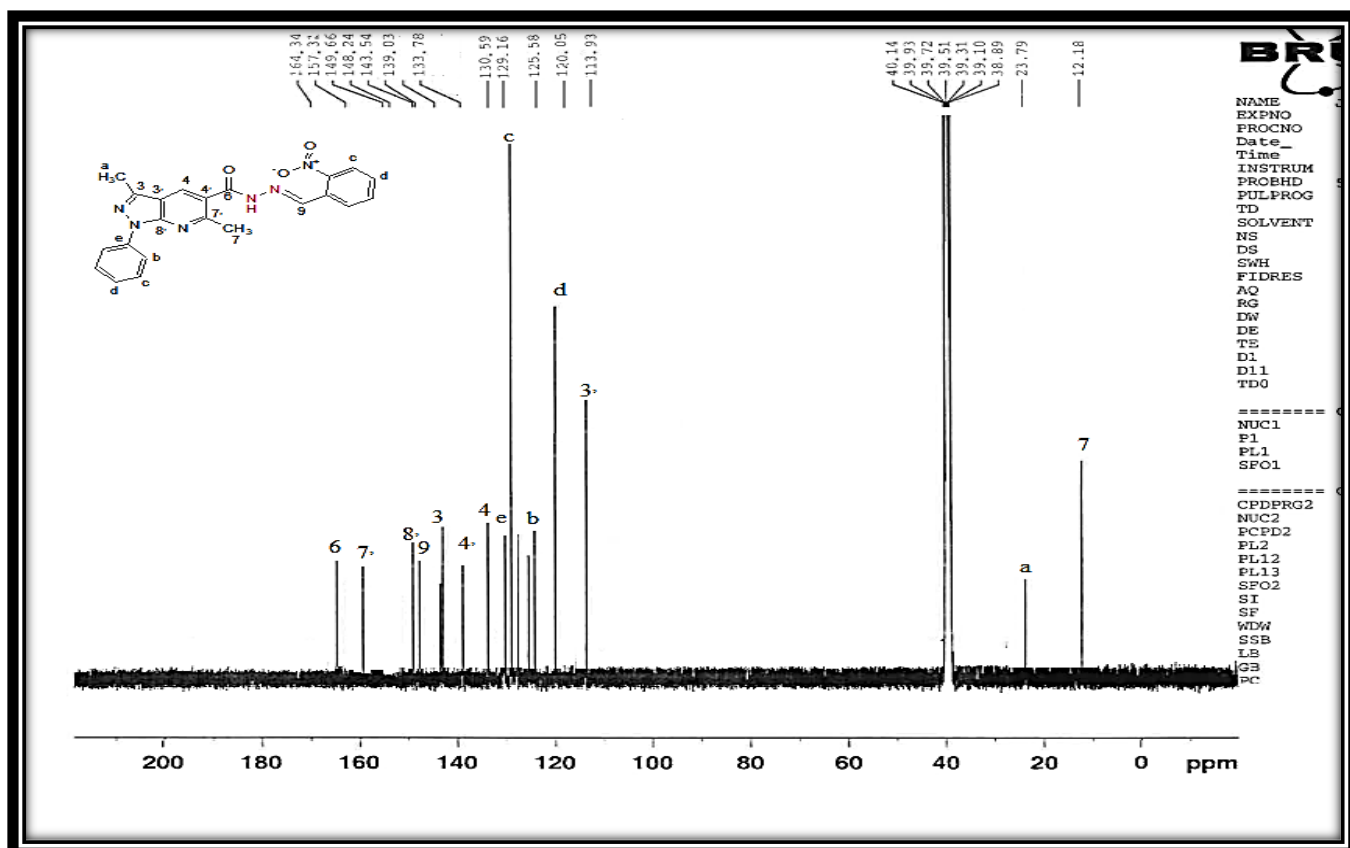


Figure 37. ^{13}C NMR spectrum of compound **8e**

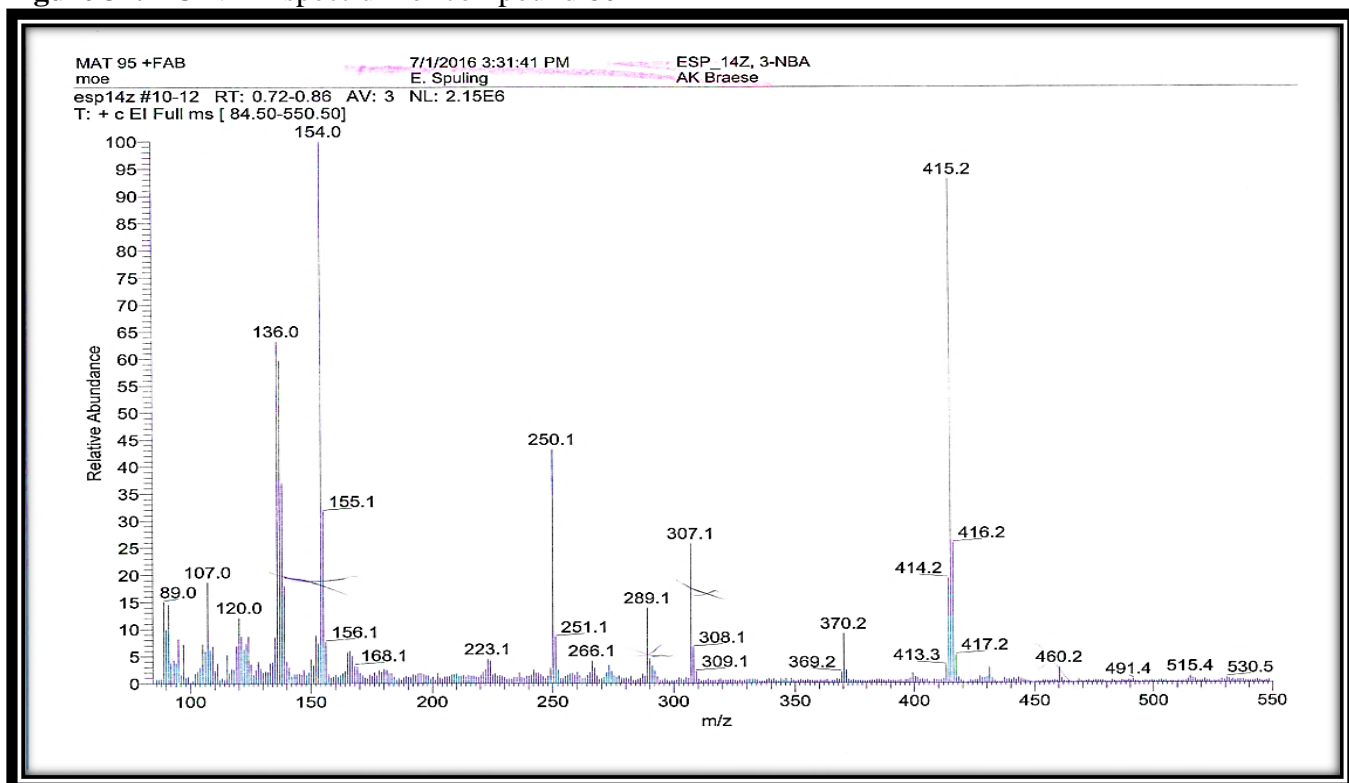


Figure 38. Mass spectrum of compound **8e**

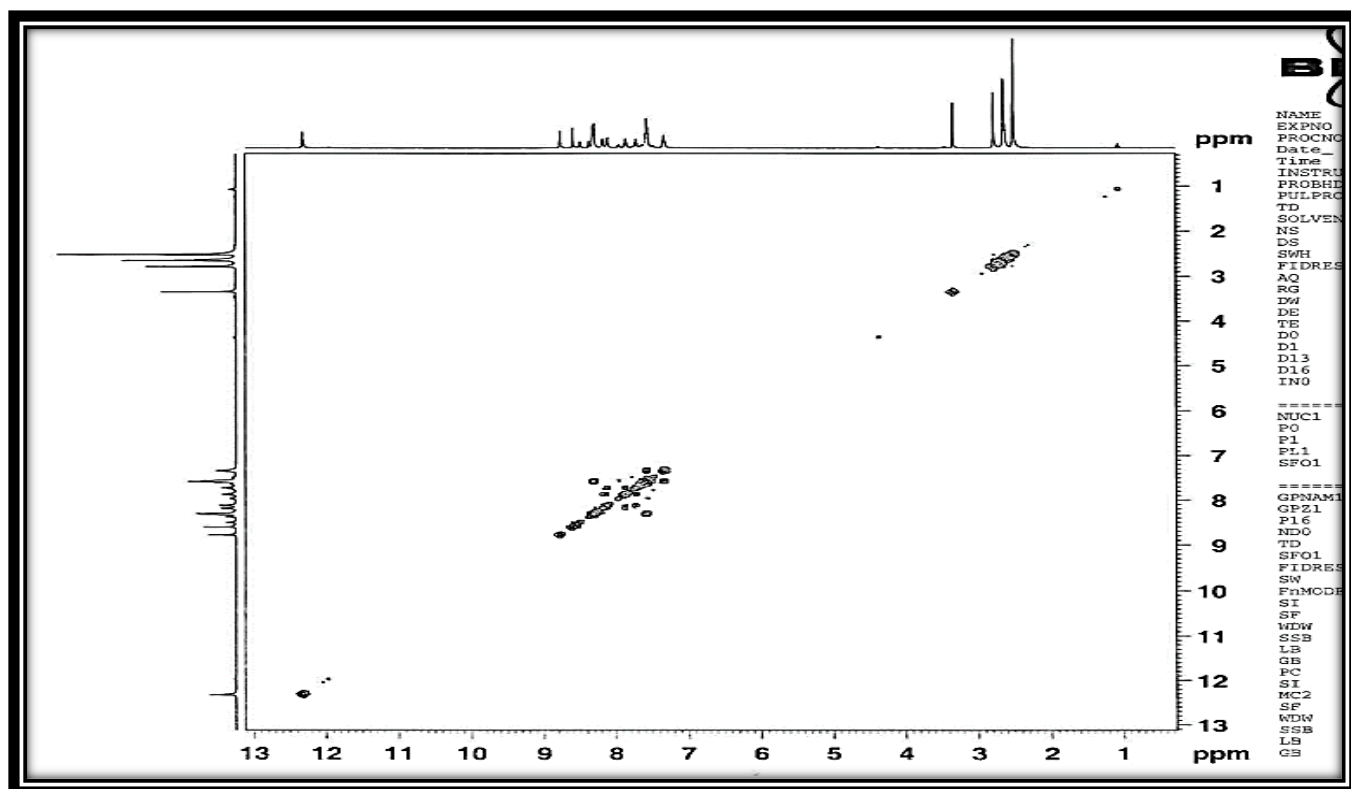


Figure 39. ^1H - ^1H COSY spectrum of compound **8e**

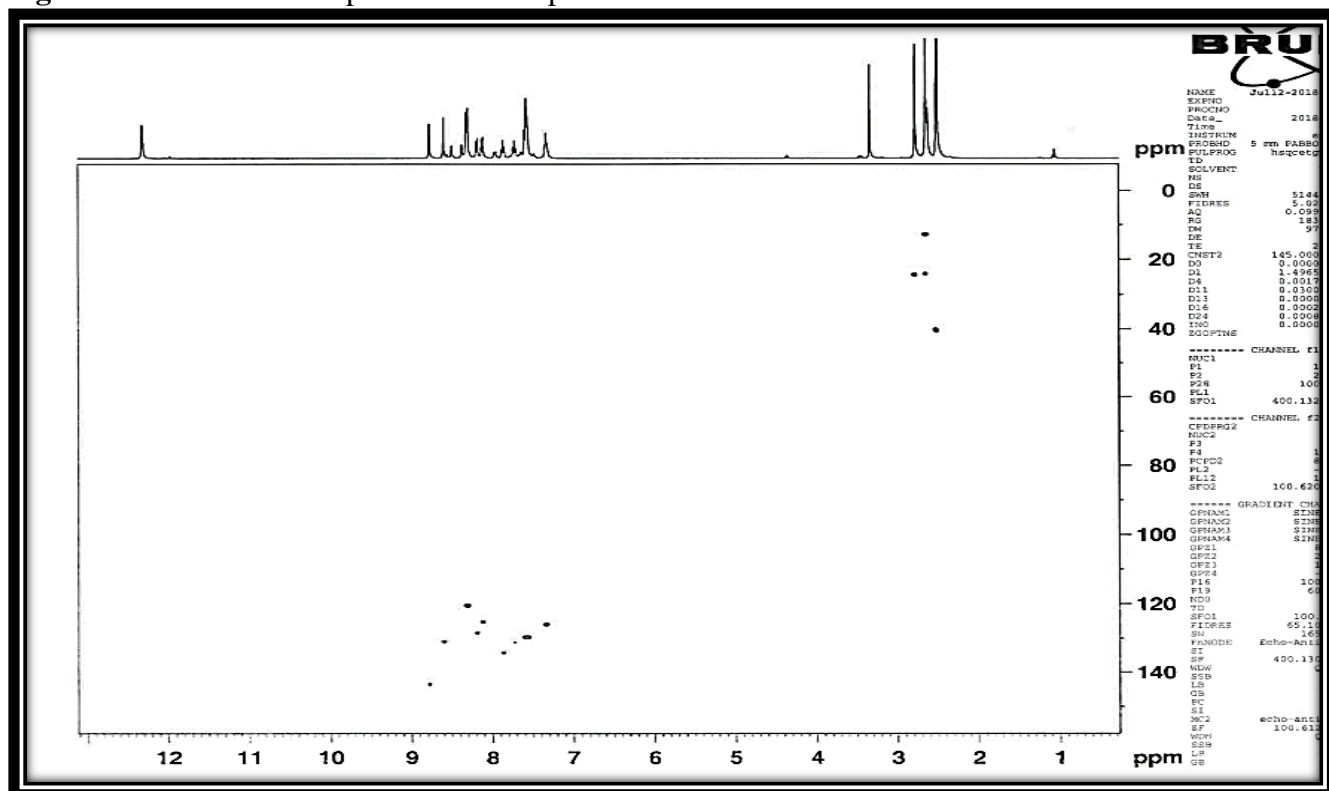


Figure 40. ^1H - ^{13}C HSQC spectrum of compound **8e**

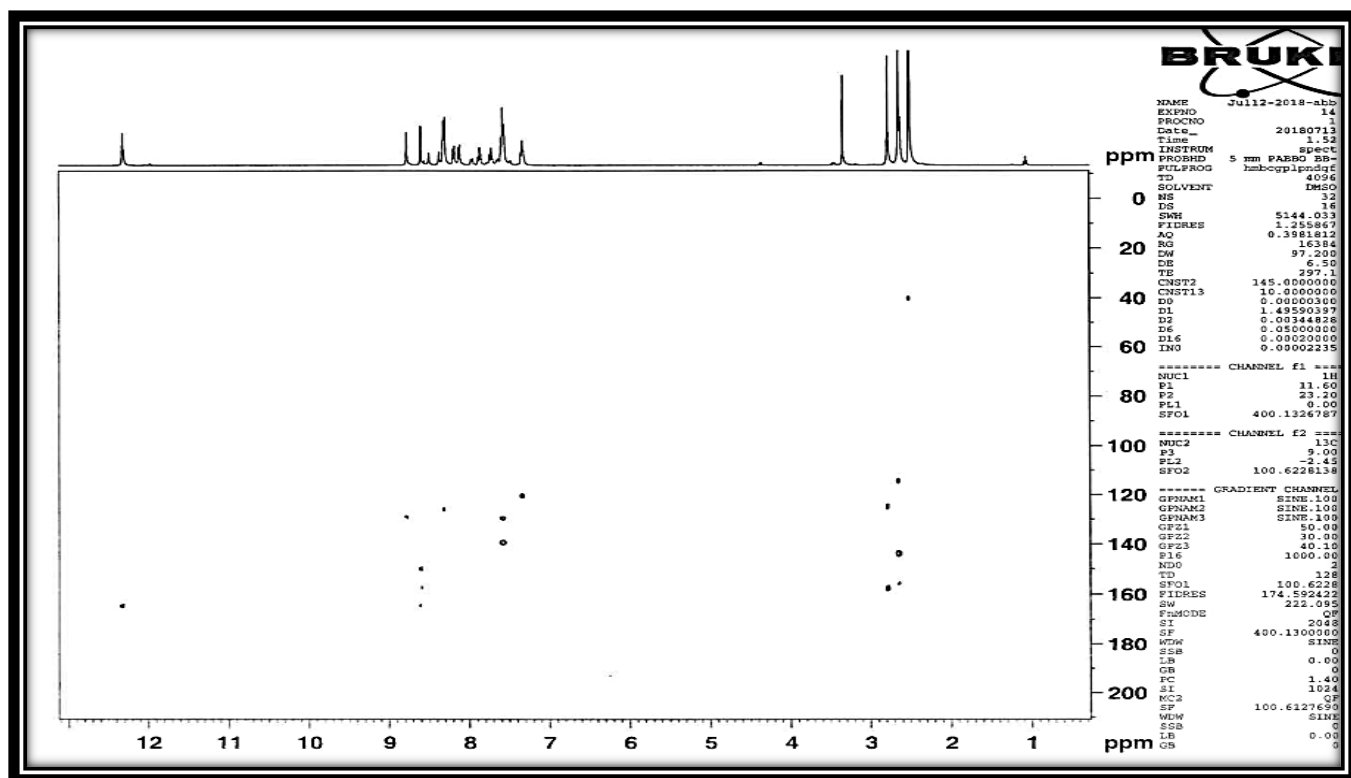


Figure 41. ^1H - ^{13}C HMBC spectrum of compound **8e**

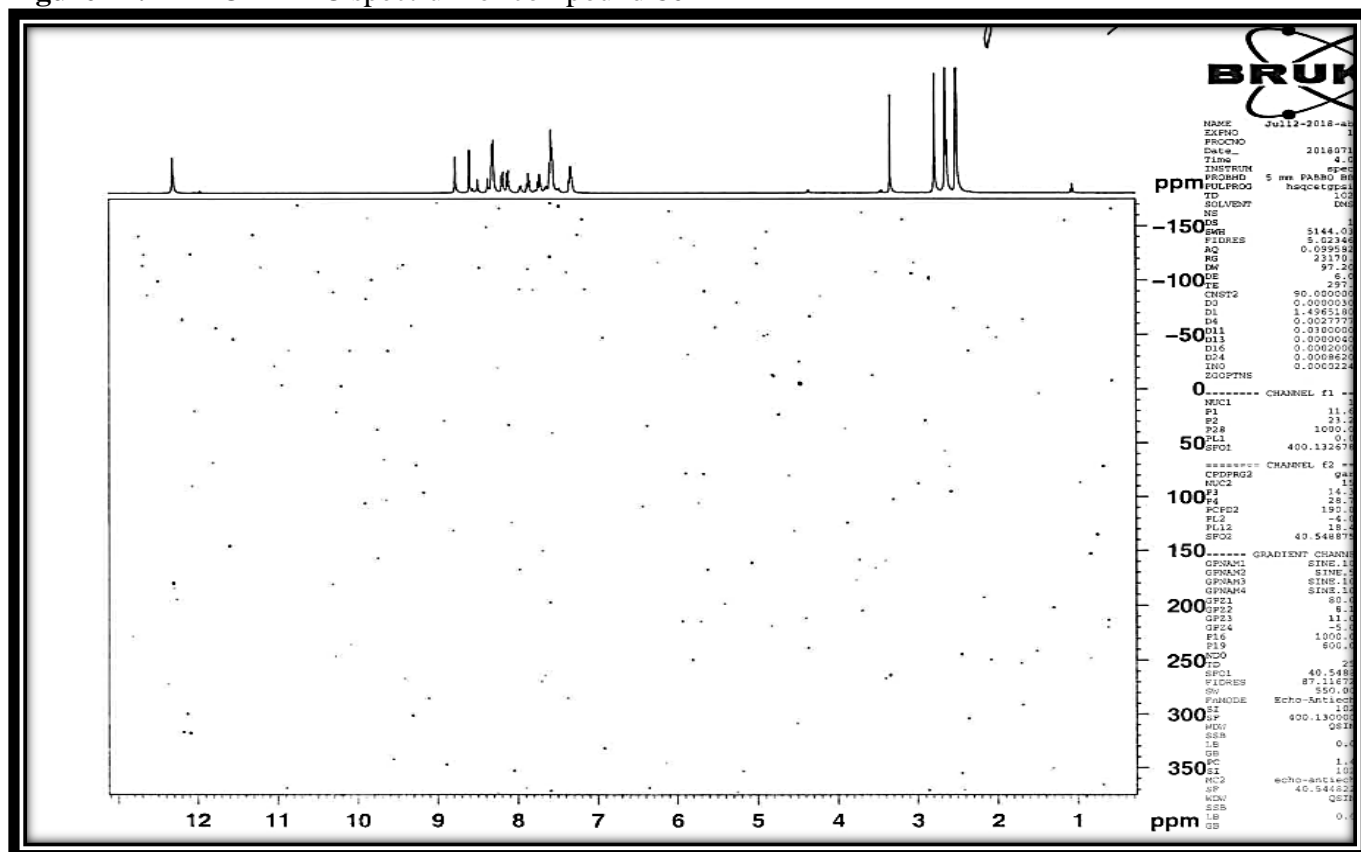


Figure 42. ^1H - ^{15}N HSQC spectrum of compound **8e**

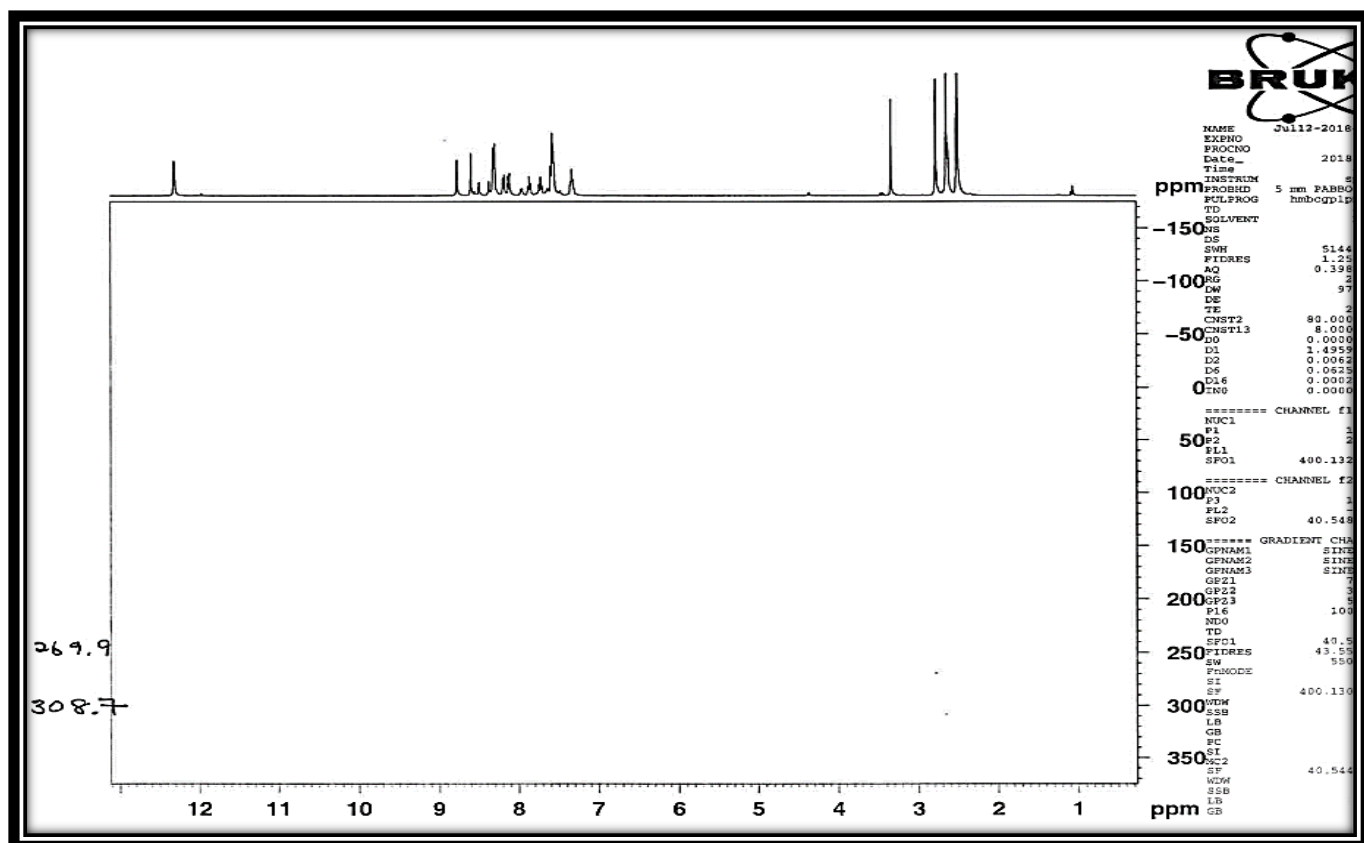


Figure 43. ^1H - ^{15}N HMBC spectrum of compound 8e

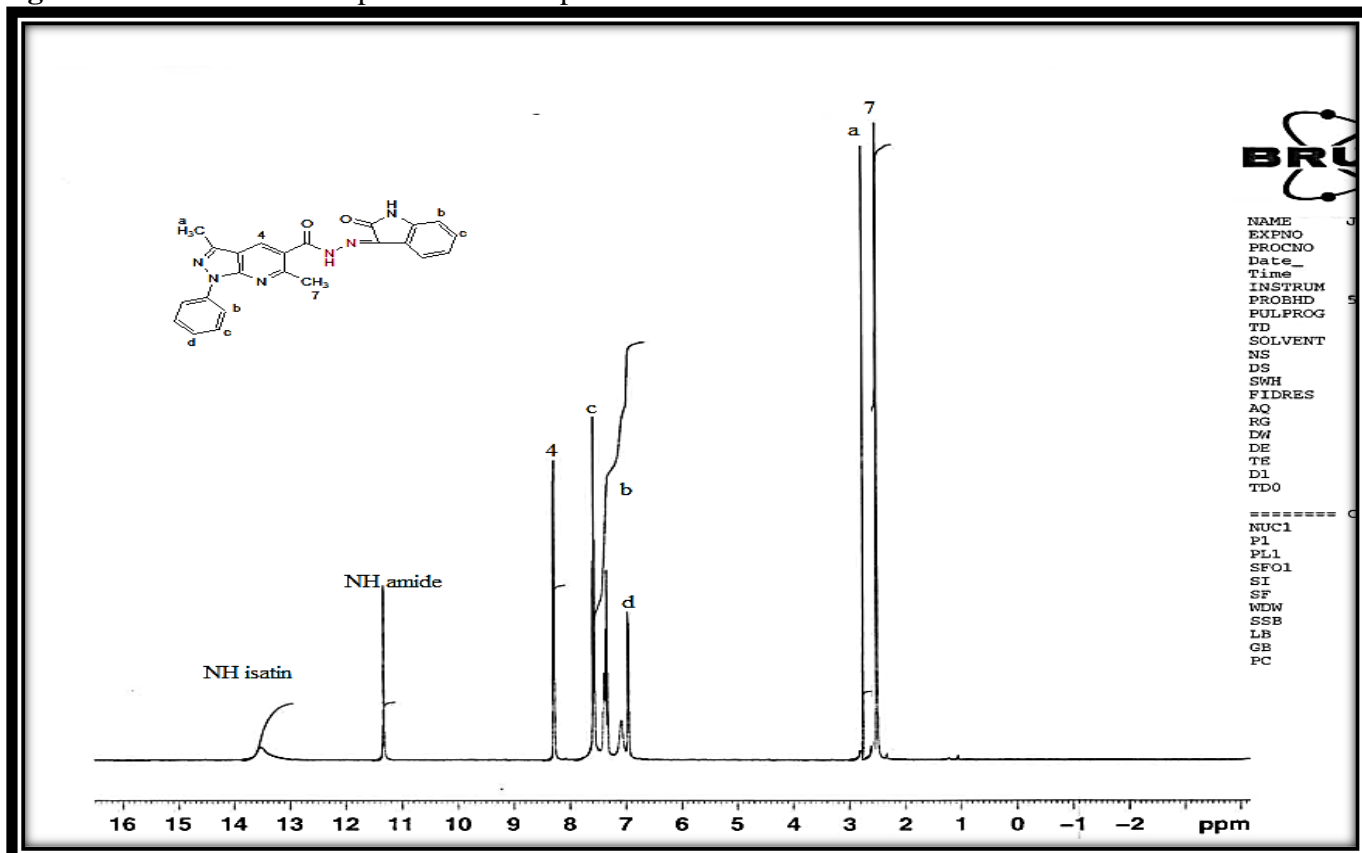


Figure 44. ^1H NMR spectrum of compound 8f

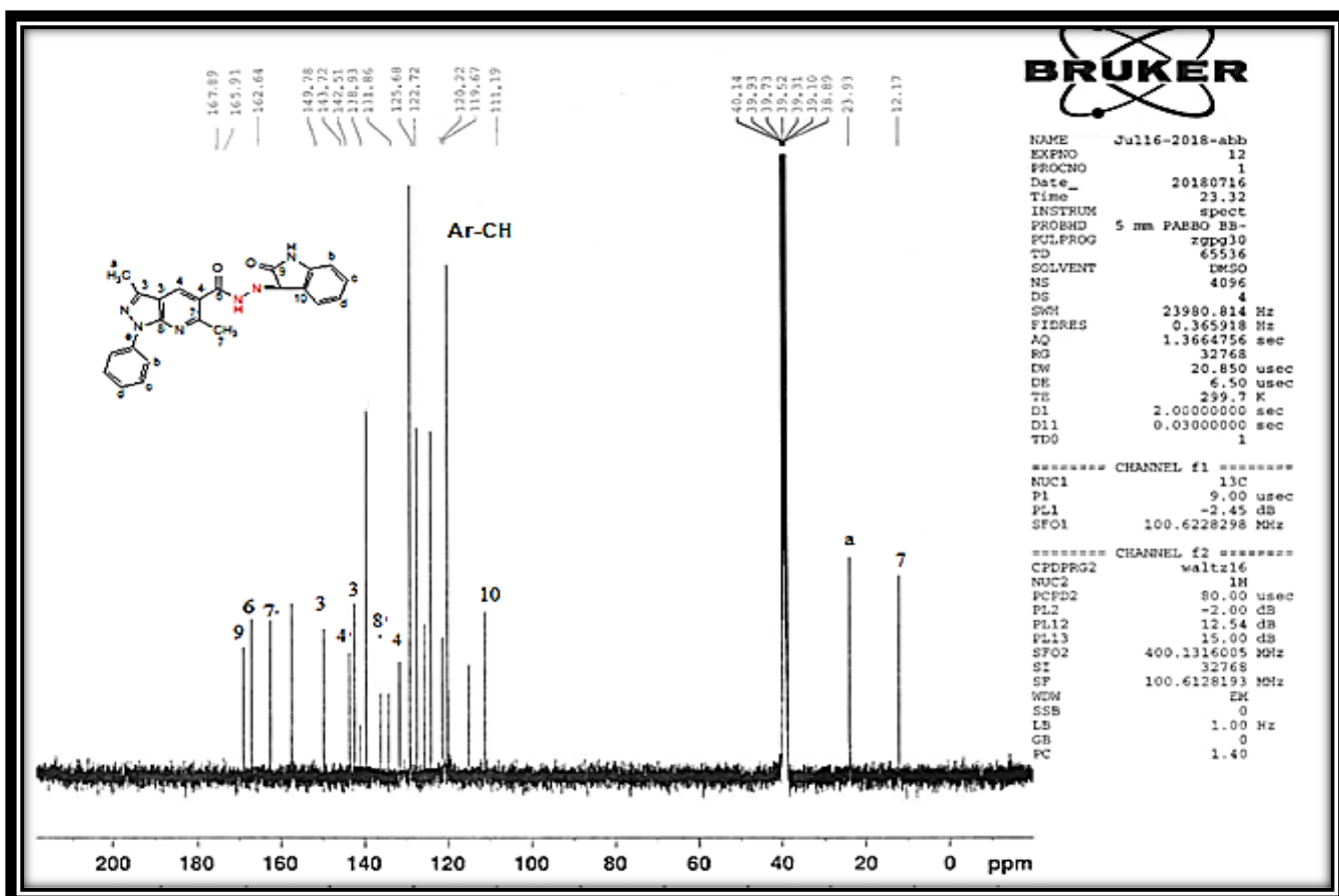


Figure 45. ^{13}C NMR spectrum of compound **8f**

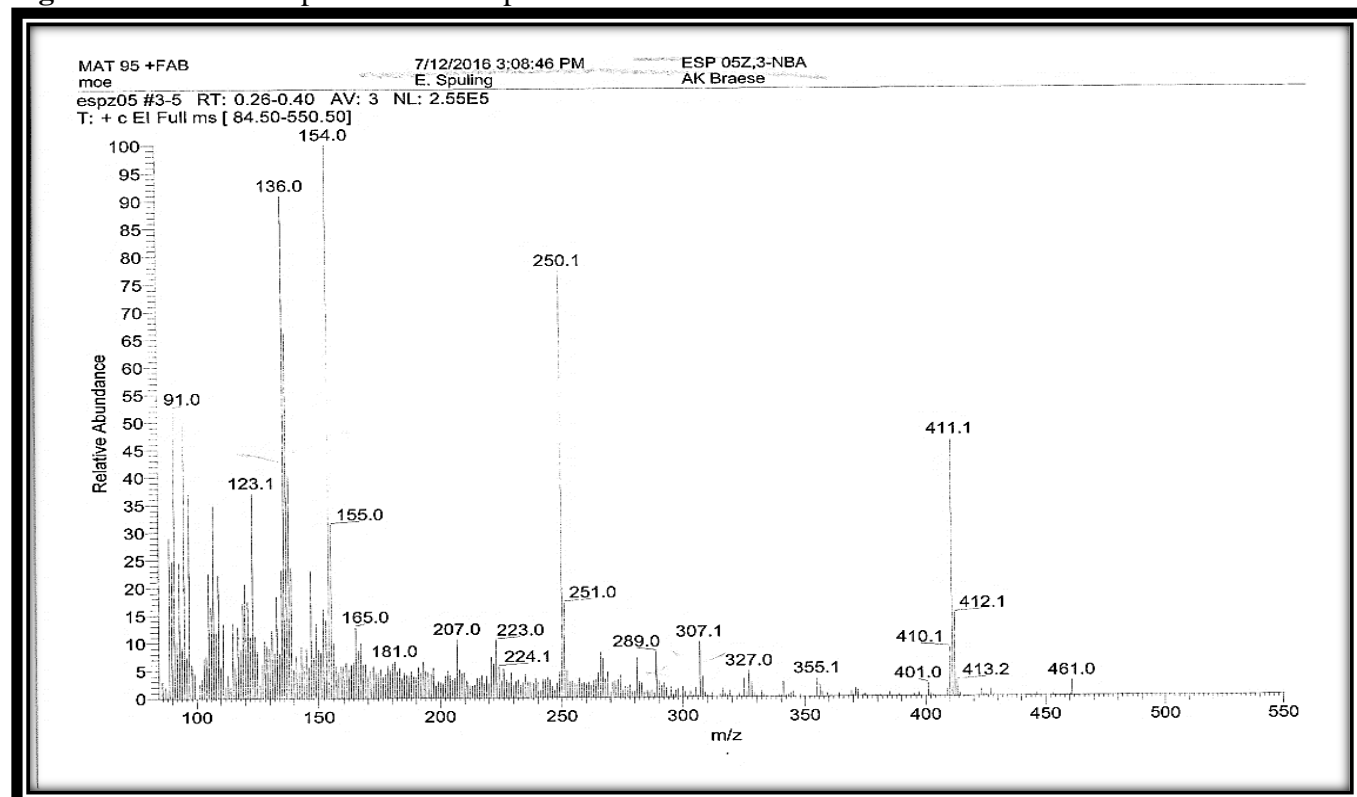


Figure 46. Mass spectrum of compound **8f**

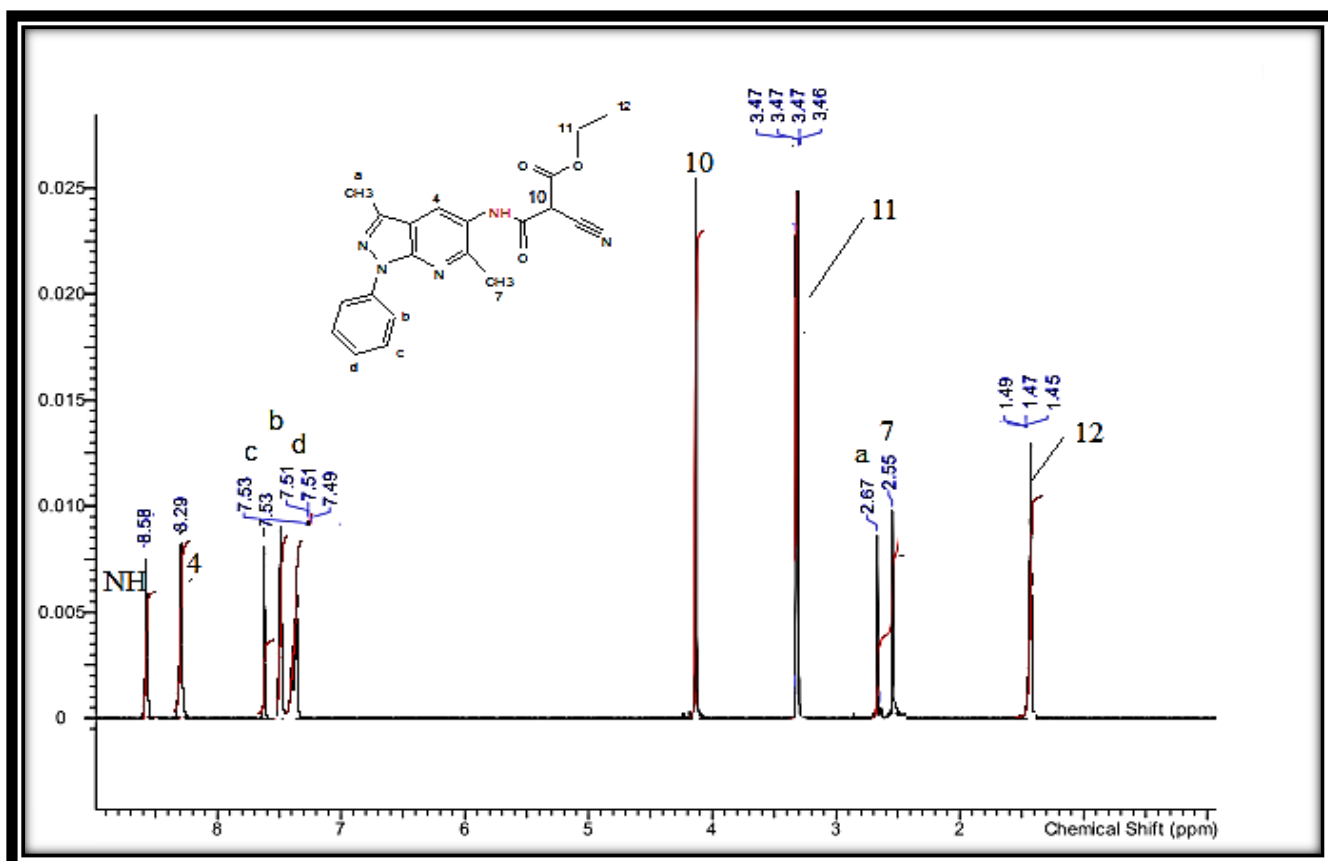


Figure 47. ^1H NMR spectrum of compound 11

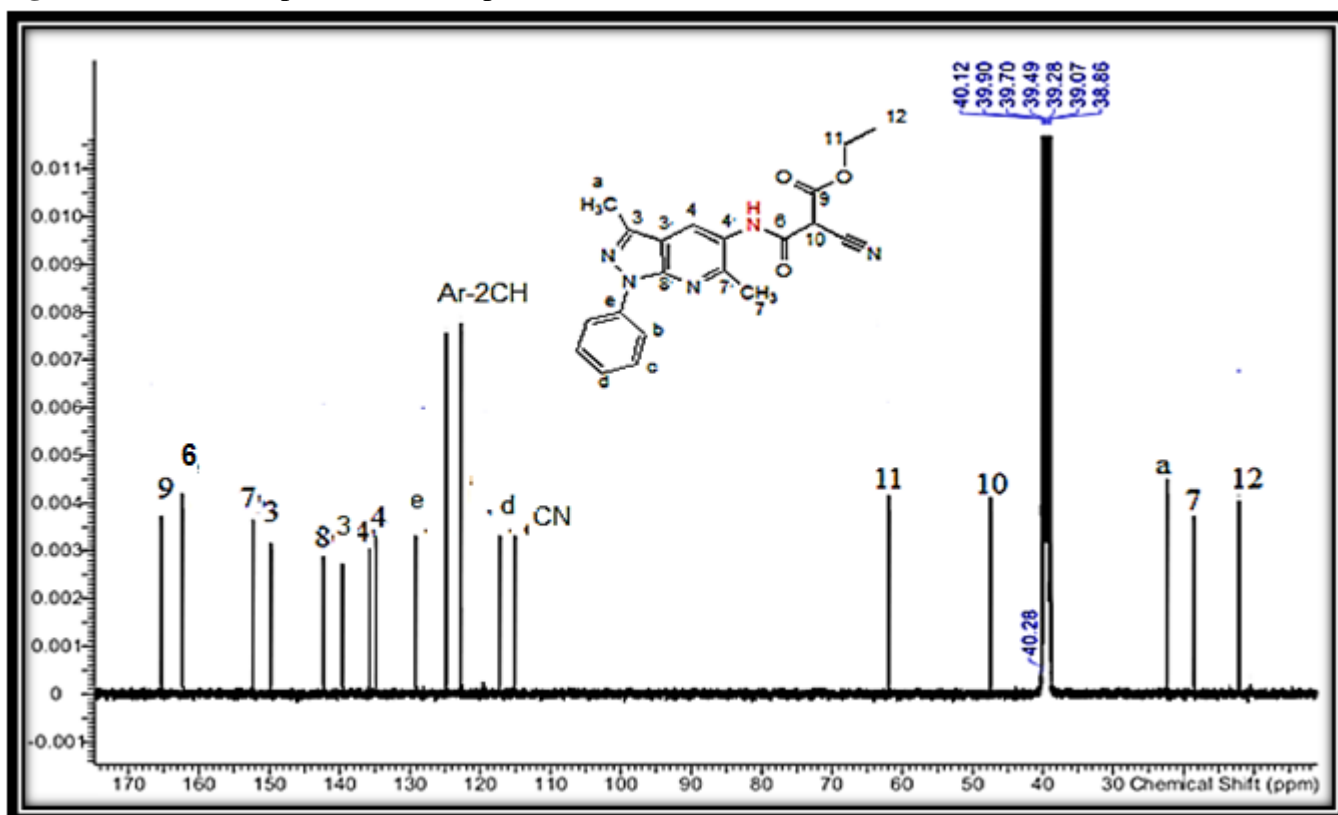


Figure 48. ^{13}C NMR spectrum of compound 11

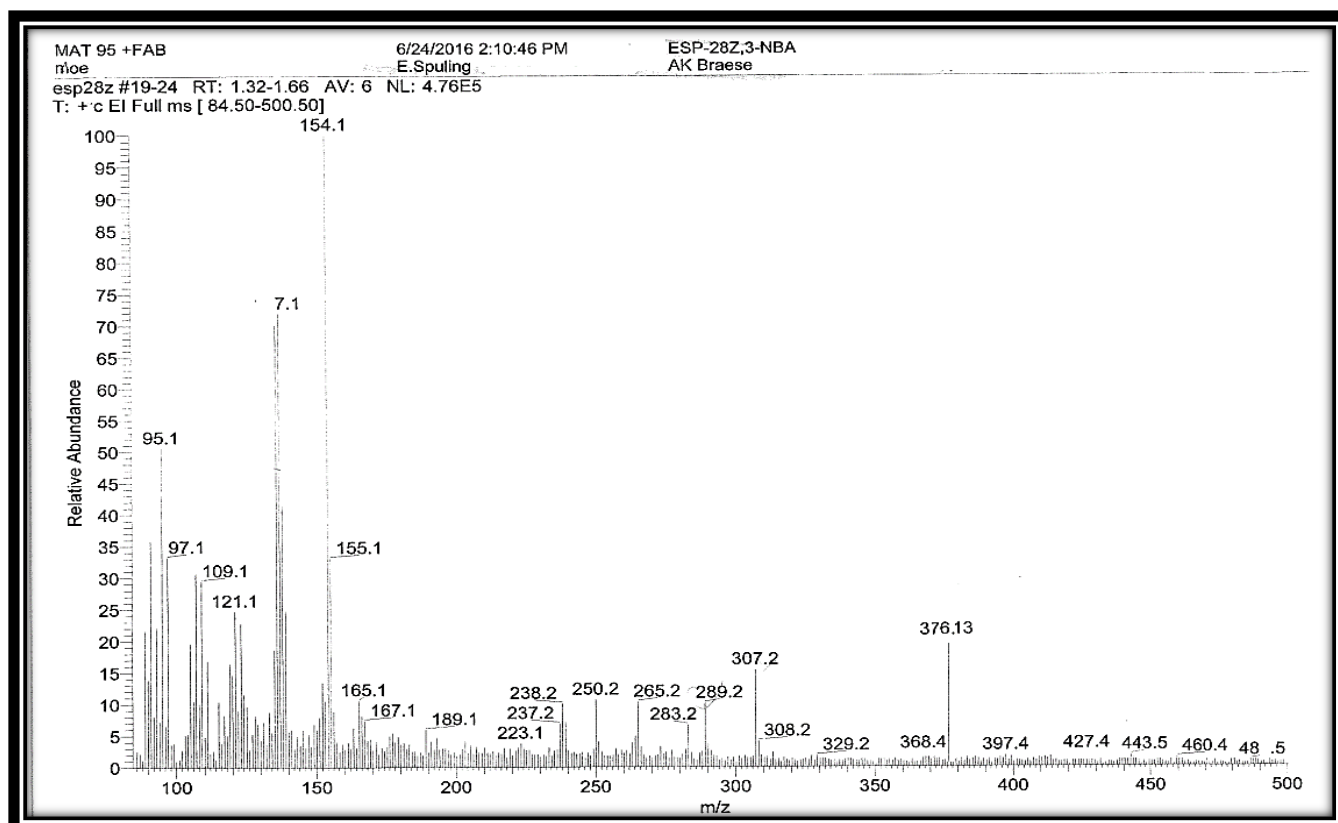


Figure 49. MS spectrum of compound 11

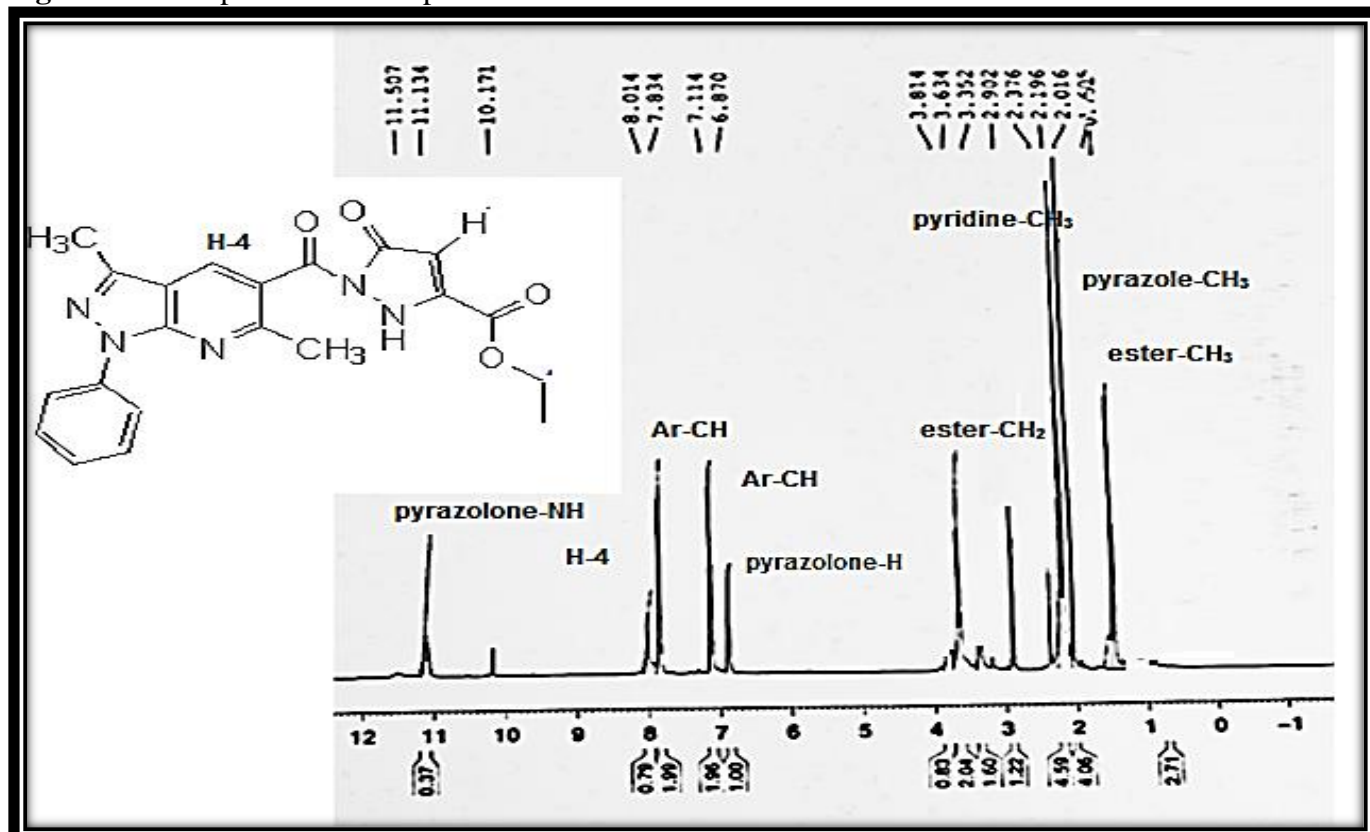


Figure 50. ¹H NMR spectrum of compound 13

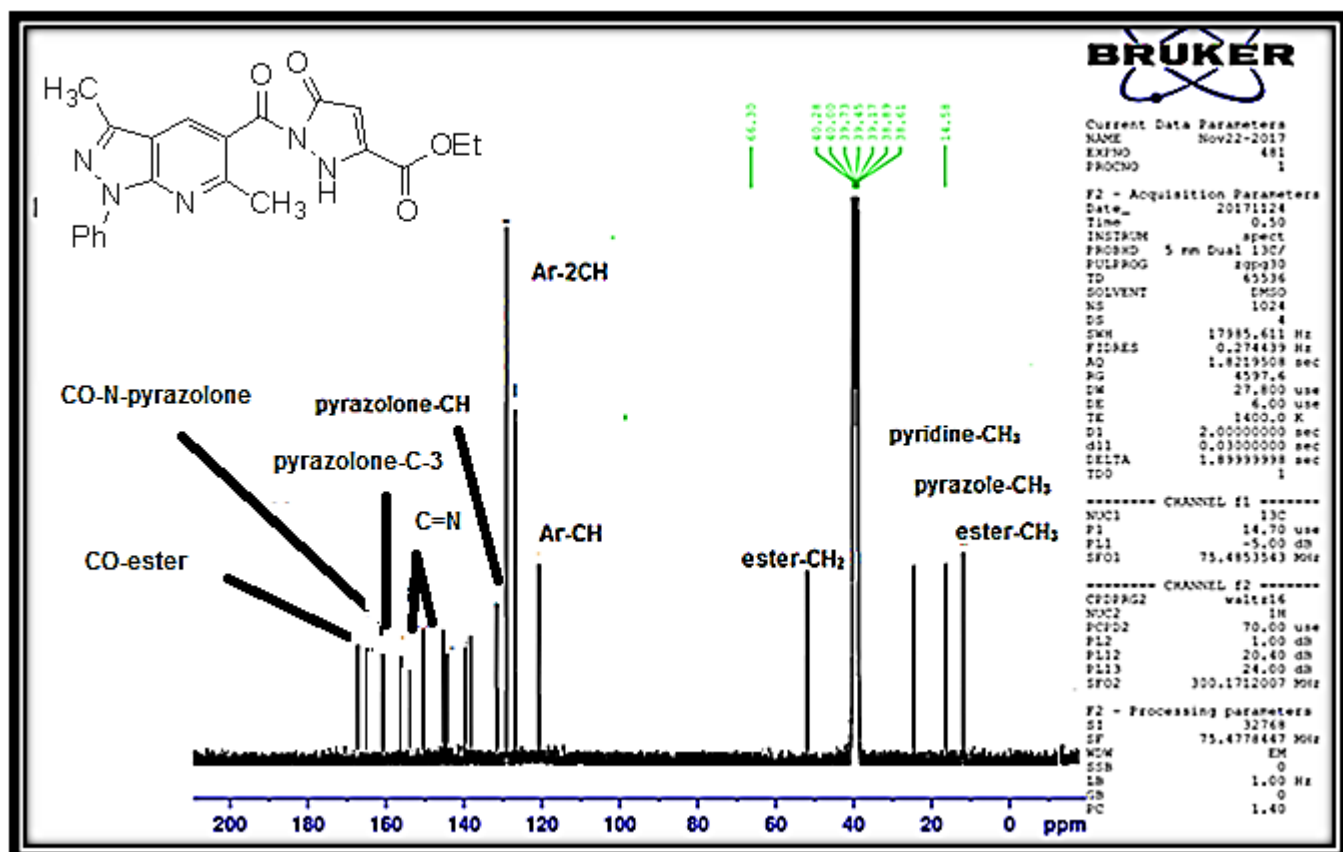


Figure 51. ¹³C NMR spectrum of compound 13

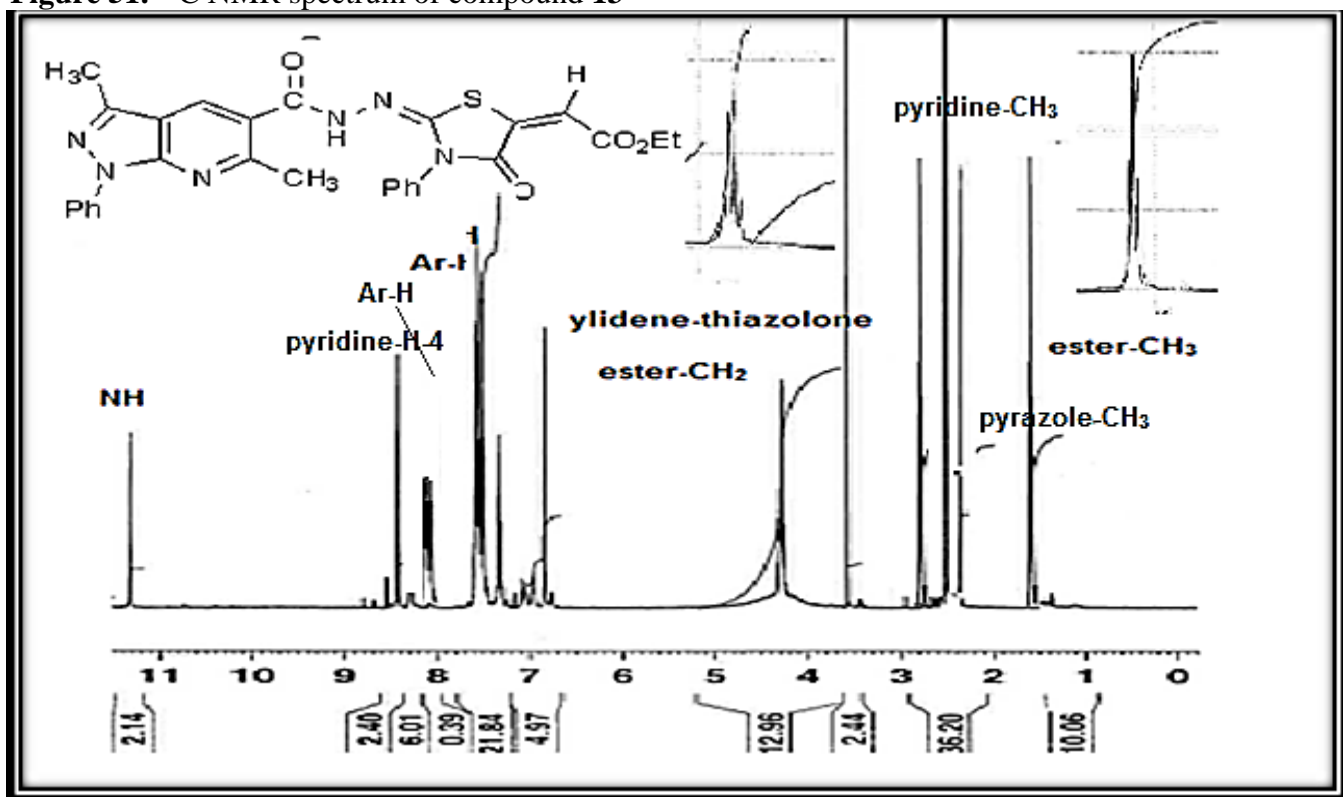


Figure 52. ¹H NMR spectrum of compound 14a

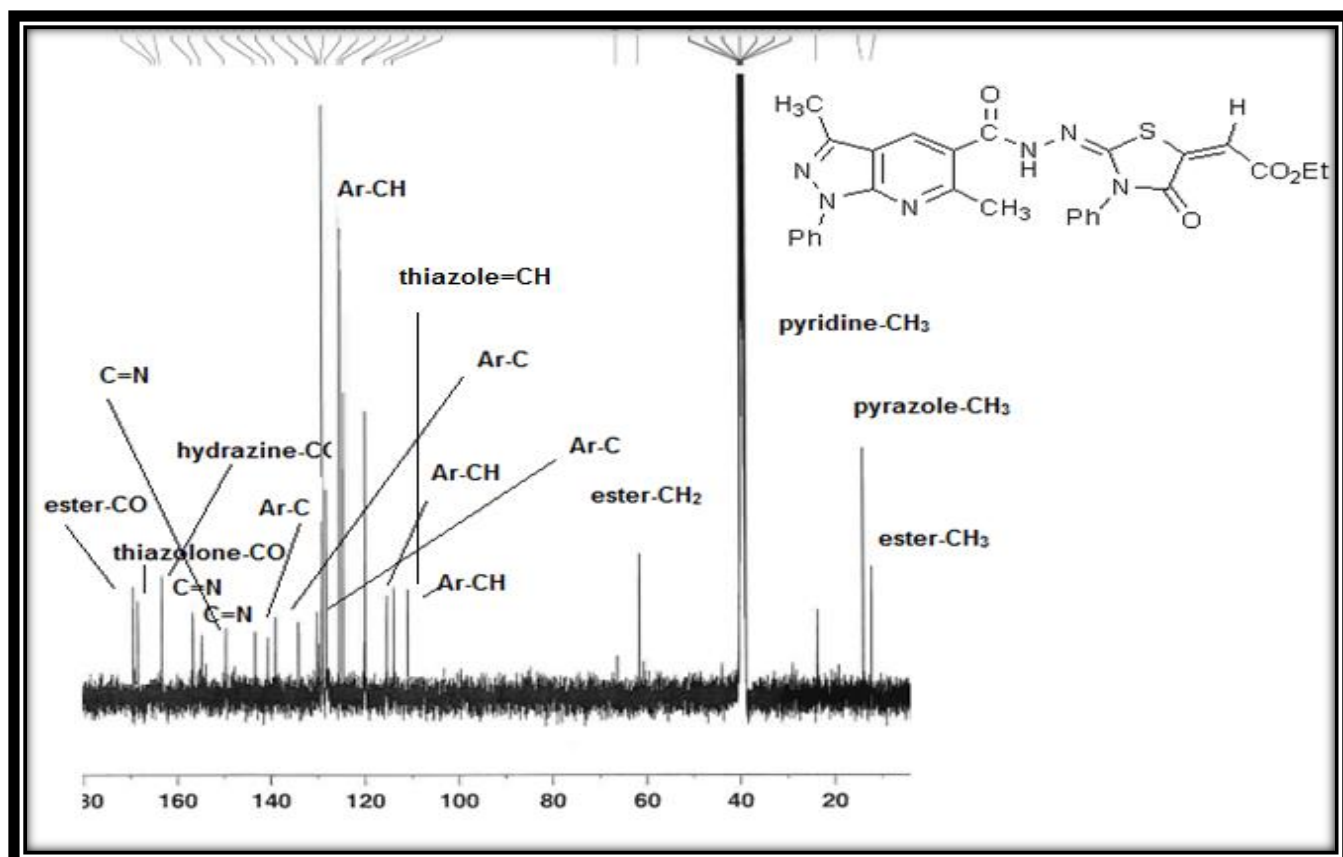


Figure 53. ^{13}C NMR spectrum of compound 14a

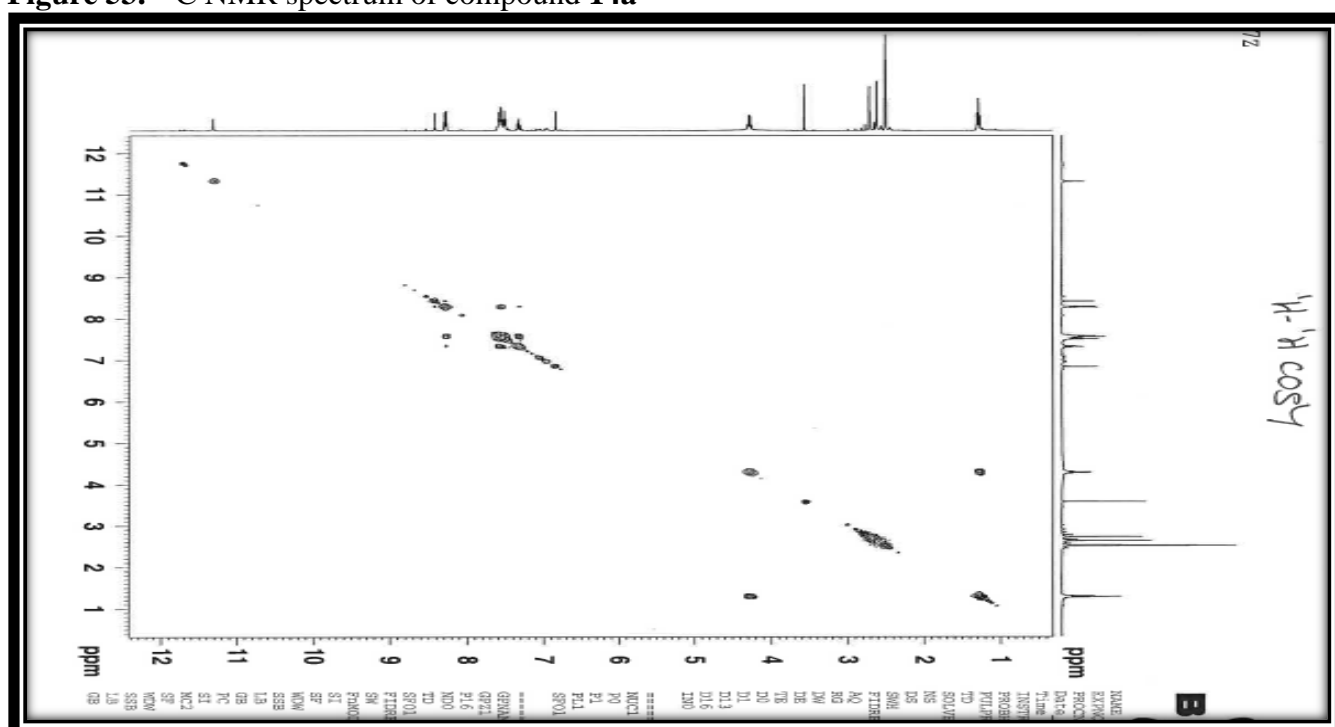


Figure 54. COSY ^1H - ^1H NMR spectrum of compound 14a

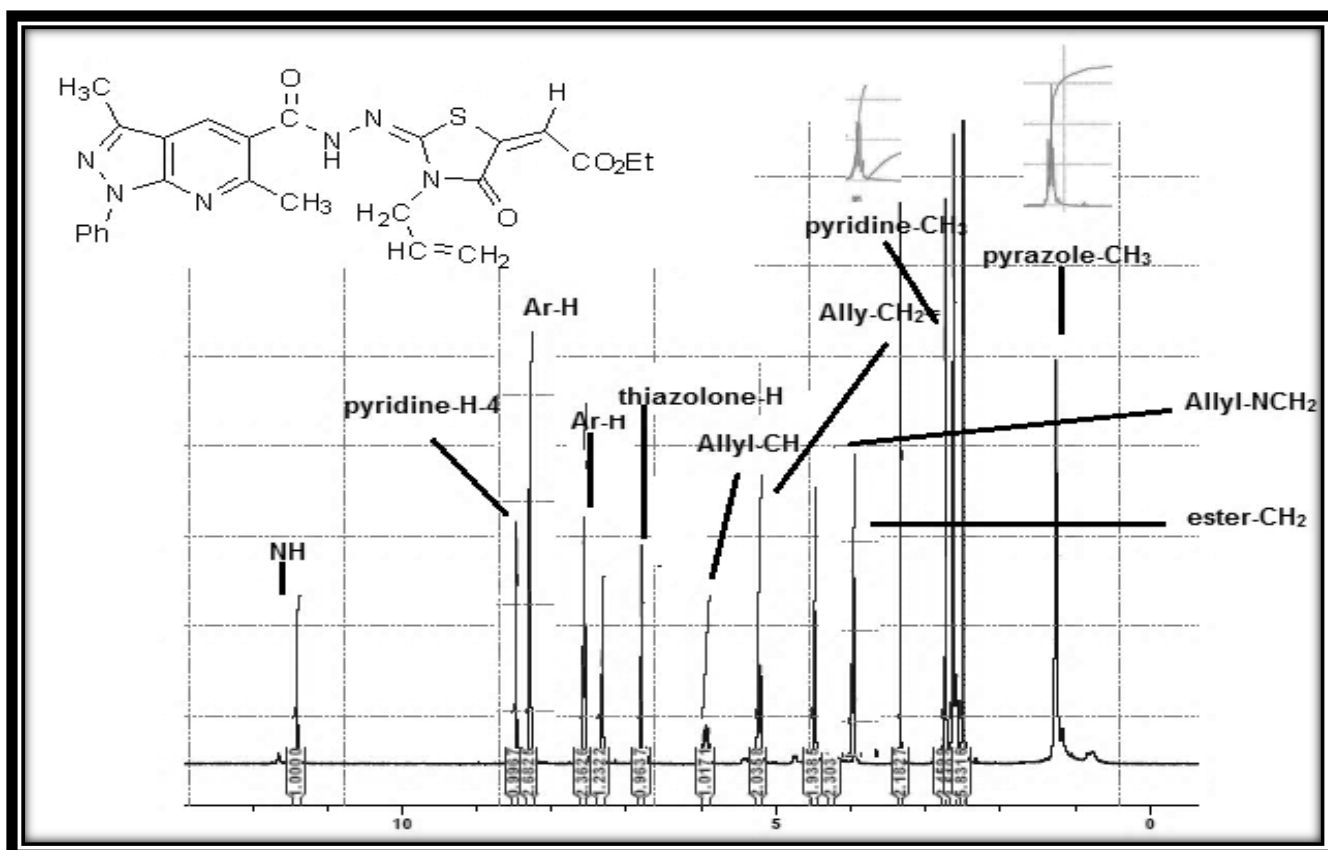


Figure 55. ^1H NMR spectrum of compound 14b

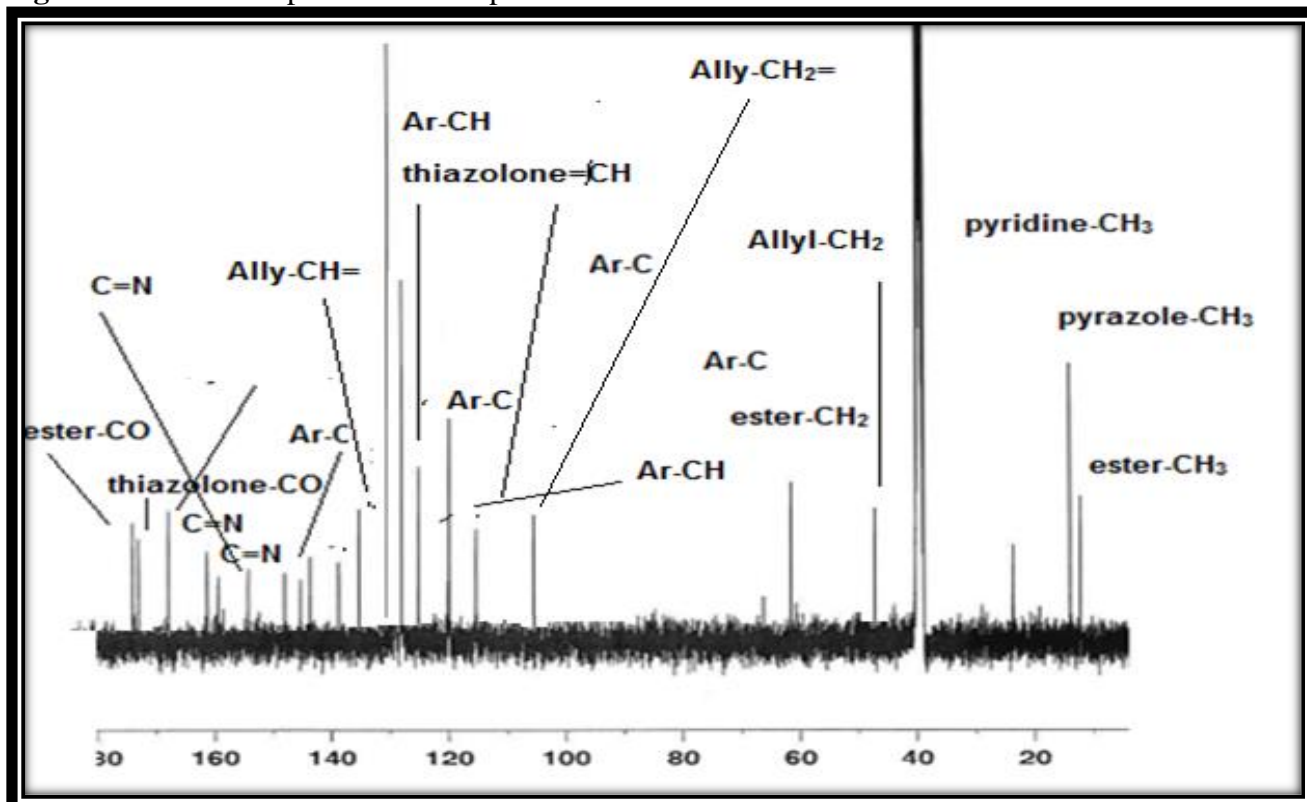


Figure 56. ^{13}C NMR spectrum of compound 14b

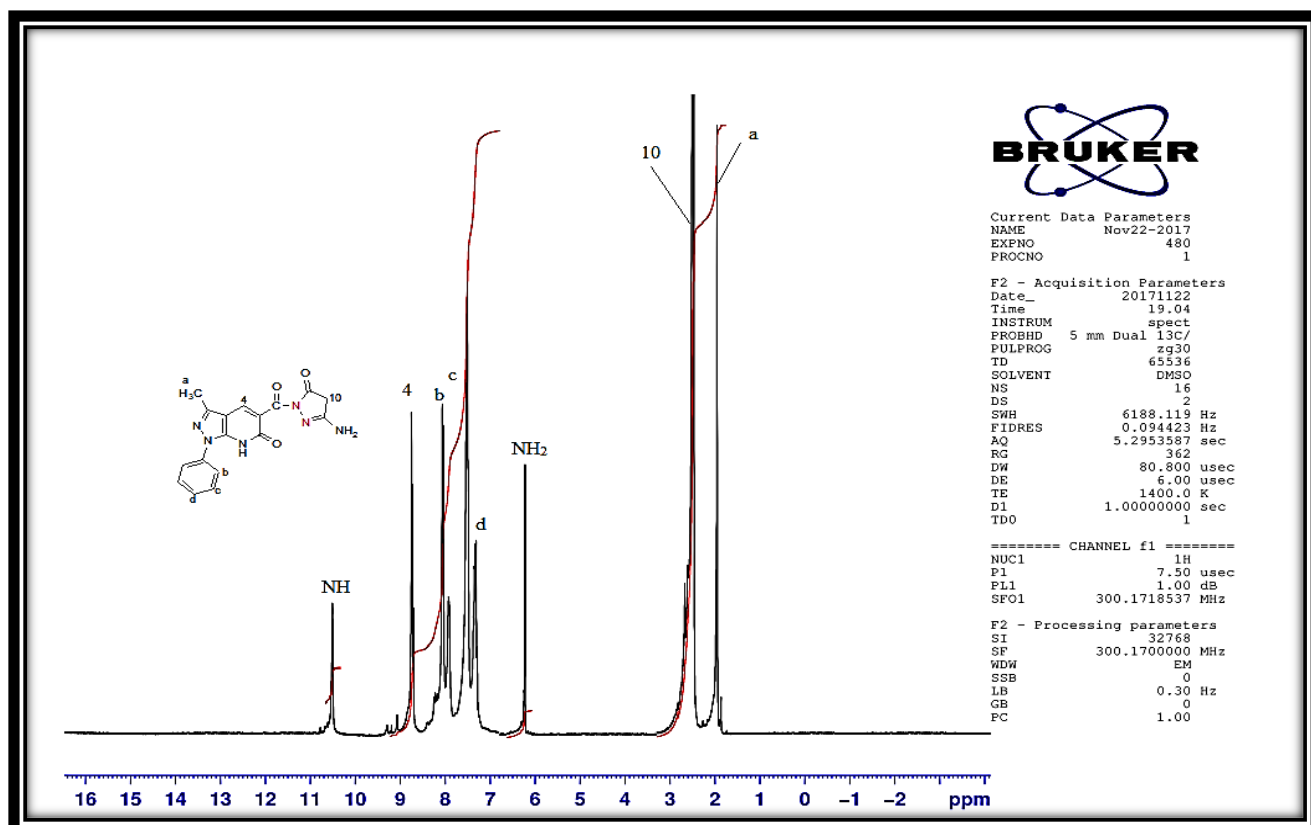


Figure 57. ^1H NMR spectrum of compound 16

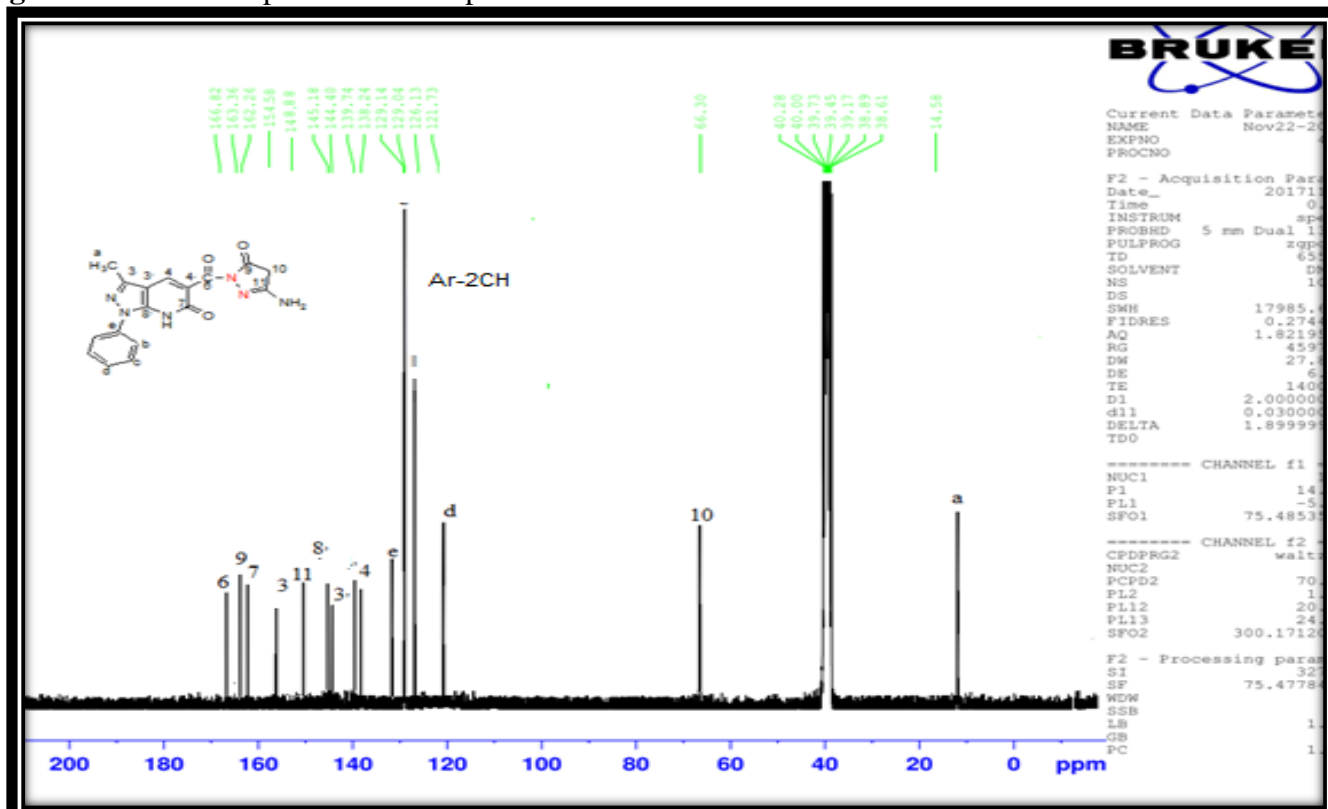


Figure 58. ^{13}C NMR spectrum of compound 16

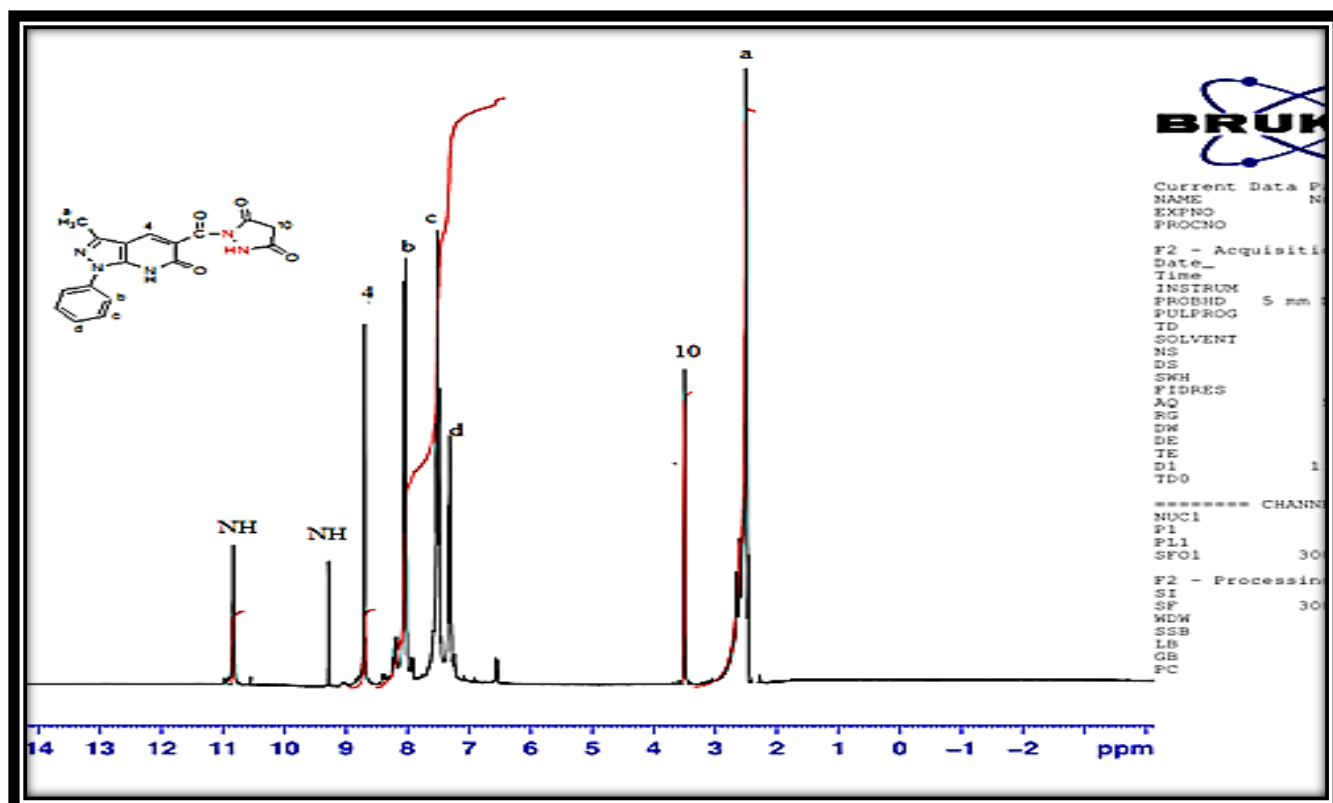


Figure 59. ^1H NMR spectrum of compound 17

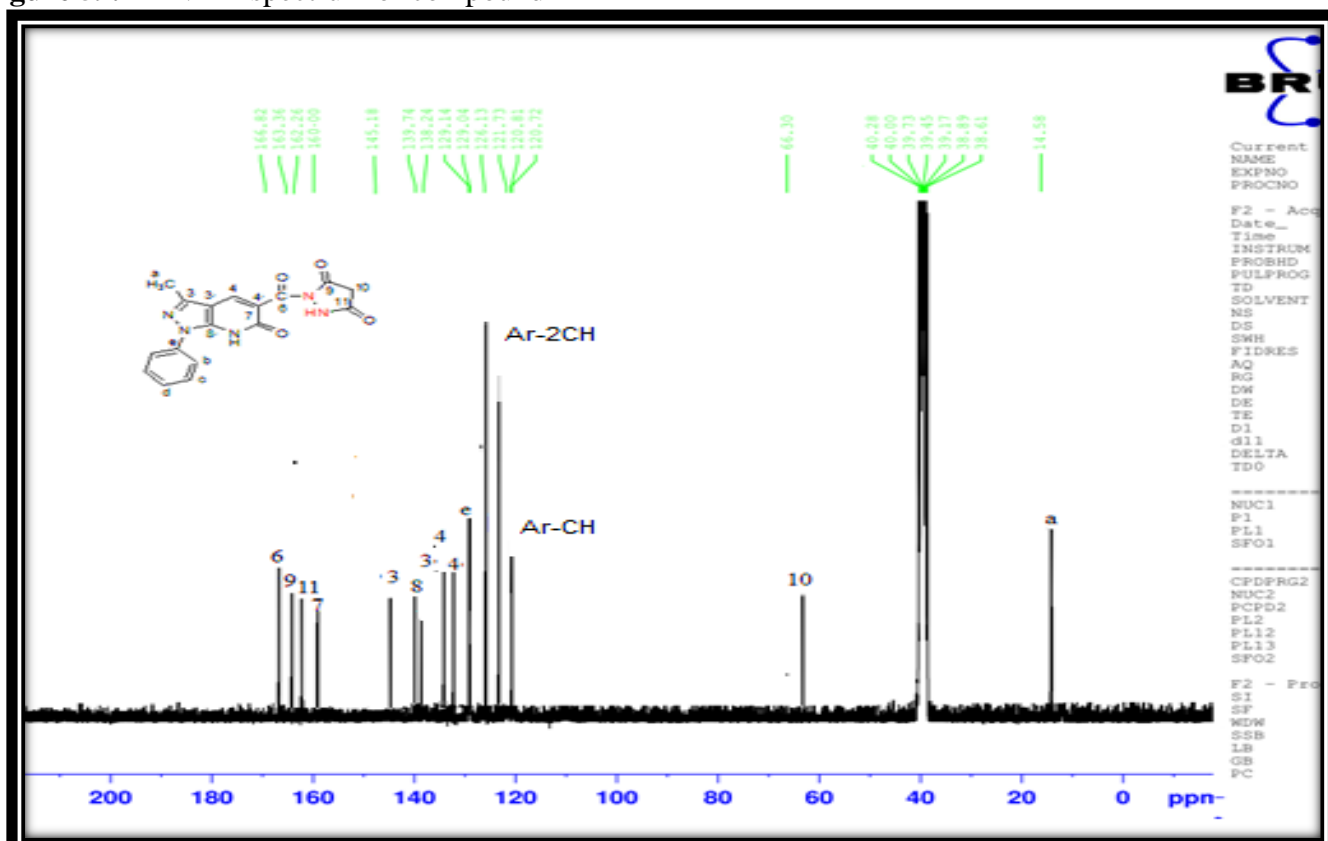


Figure 60. ^{13}C NMR spectrum of compound 17

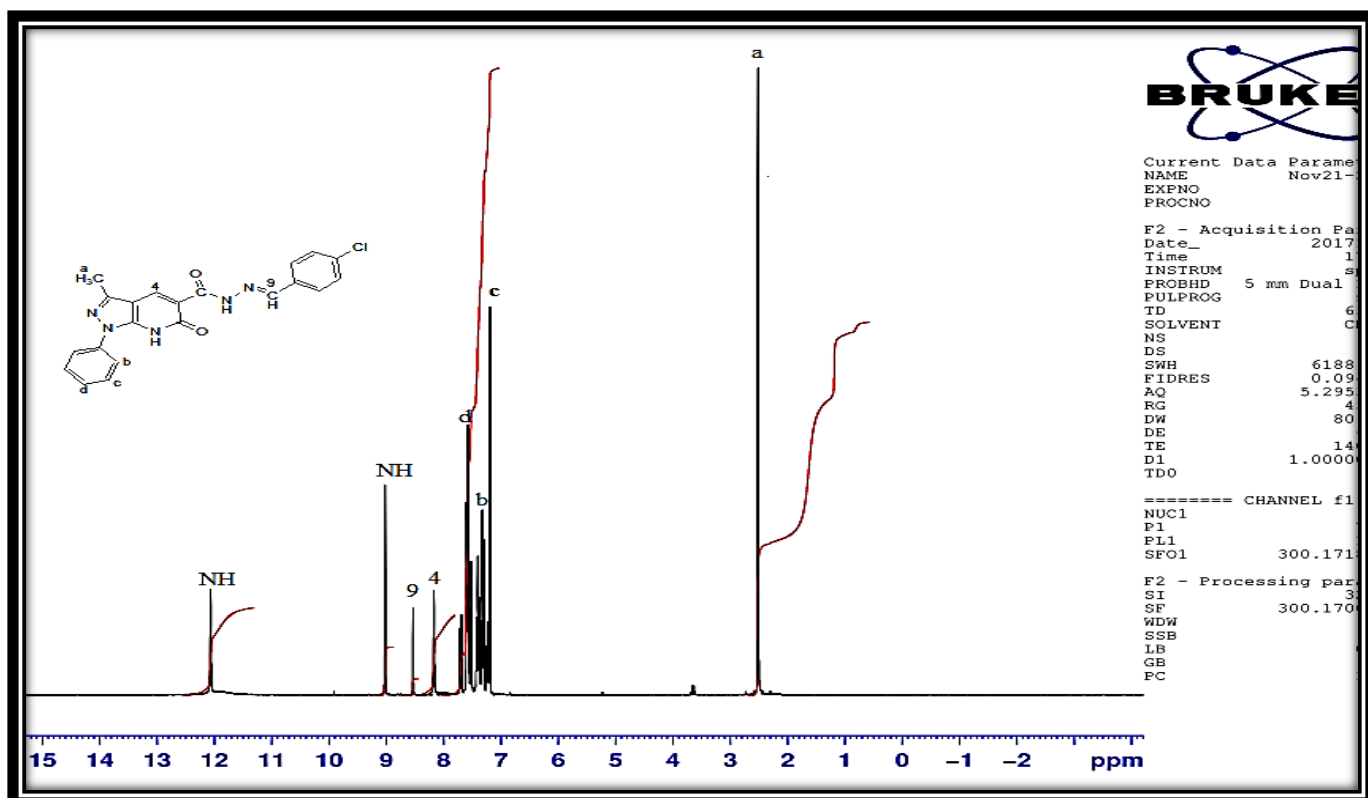


Figure 61. ^1H NMR spectrum of compound 18

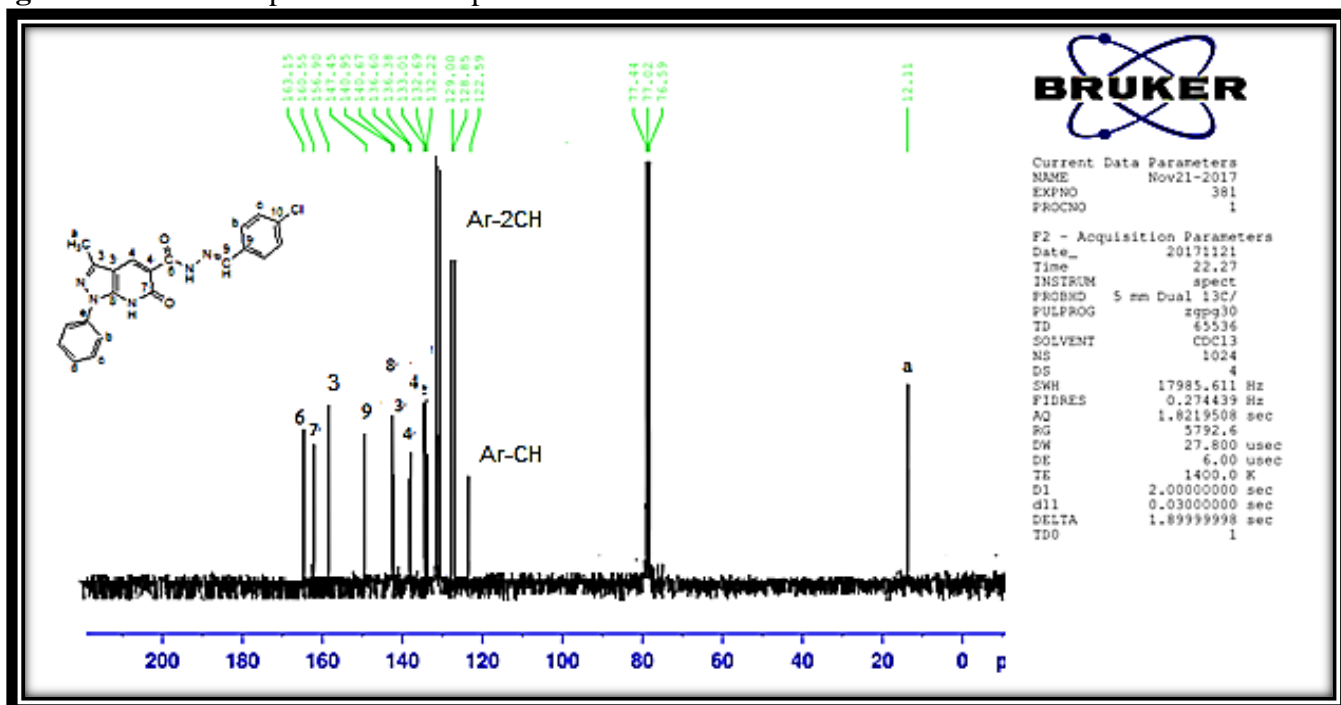


Figure 62. ^{13}C NMR spectrum of compound 18

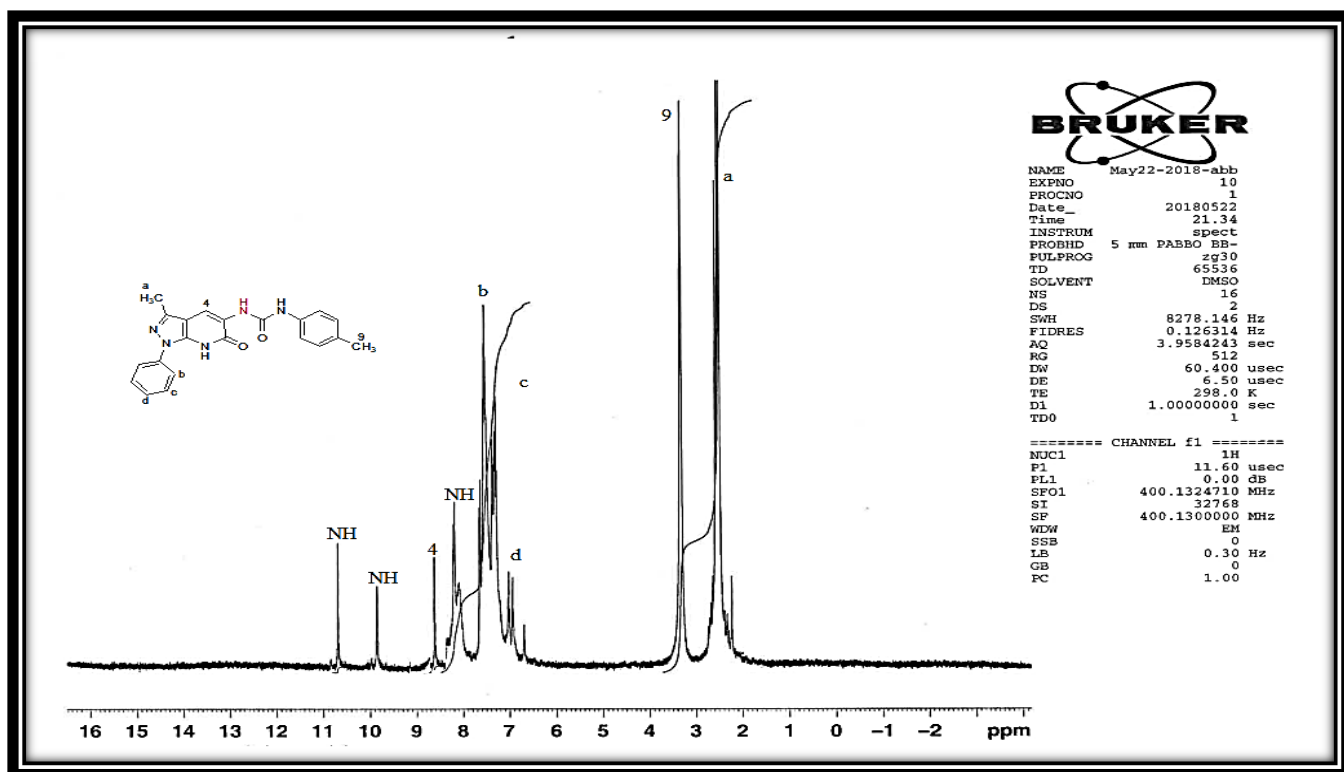


Figure 63. ¹H NMR spectrum of compound 20

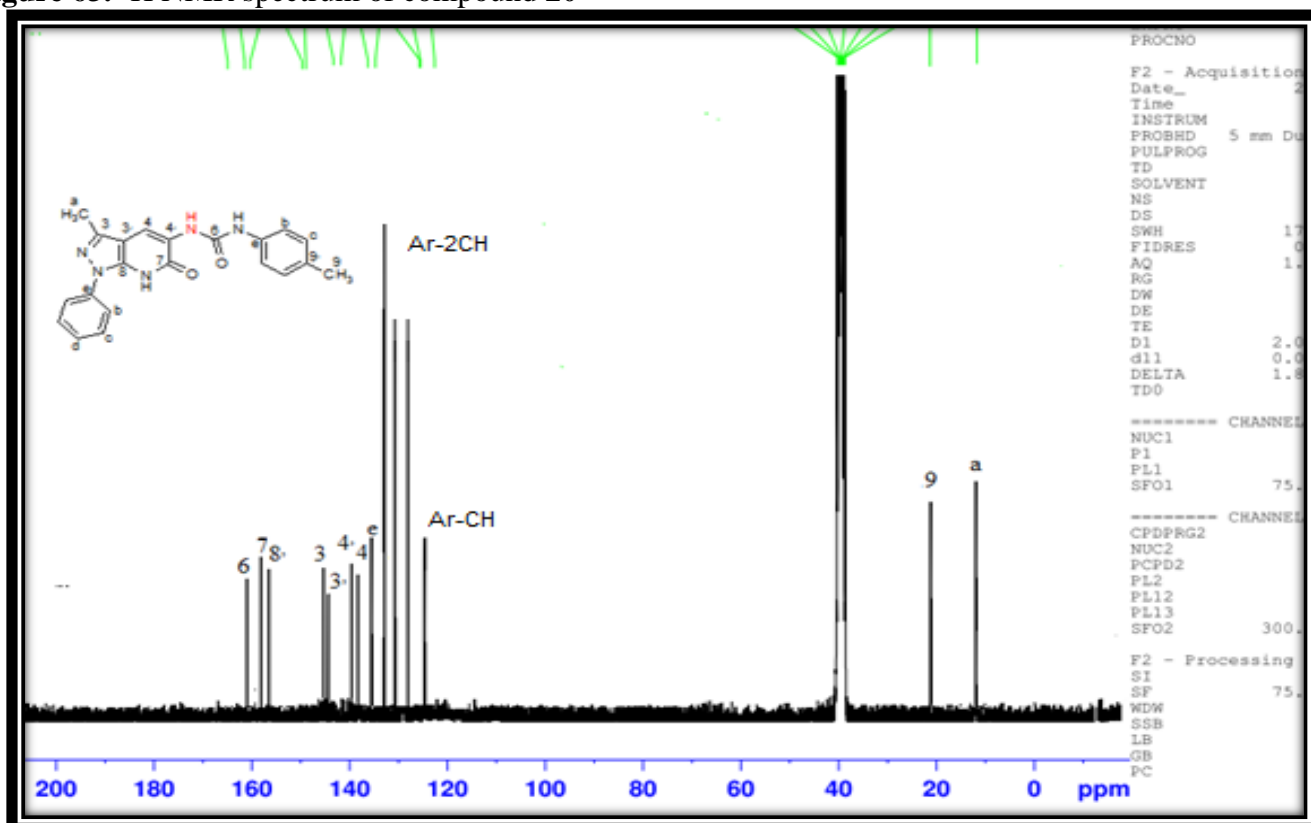


Figure 64. ¹³C NMR spectrum of compound 20

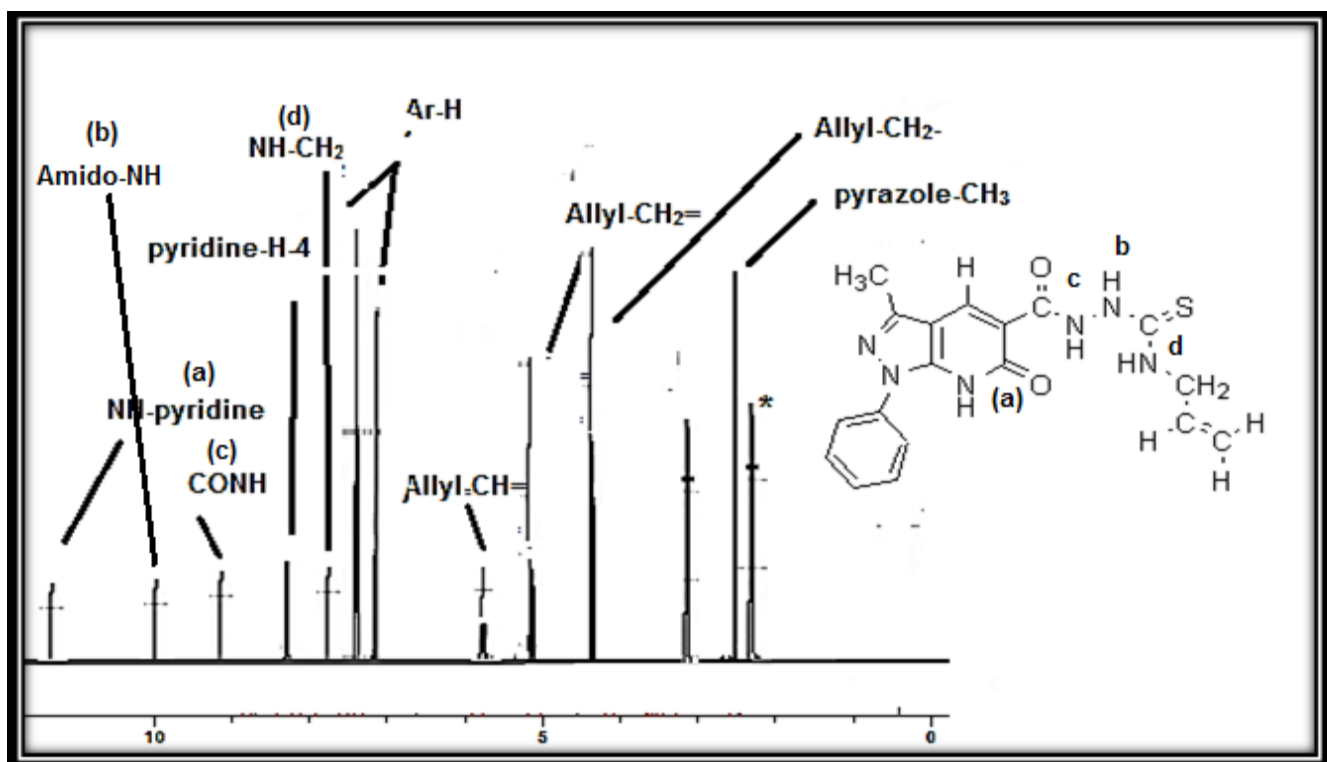


Figure 65. ^1H NMR spectrum of compound 21

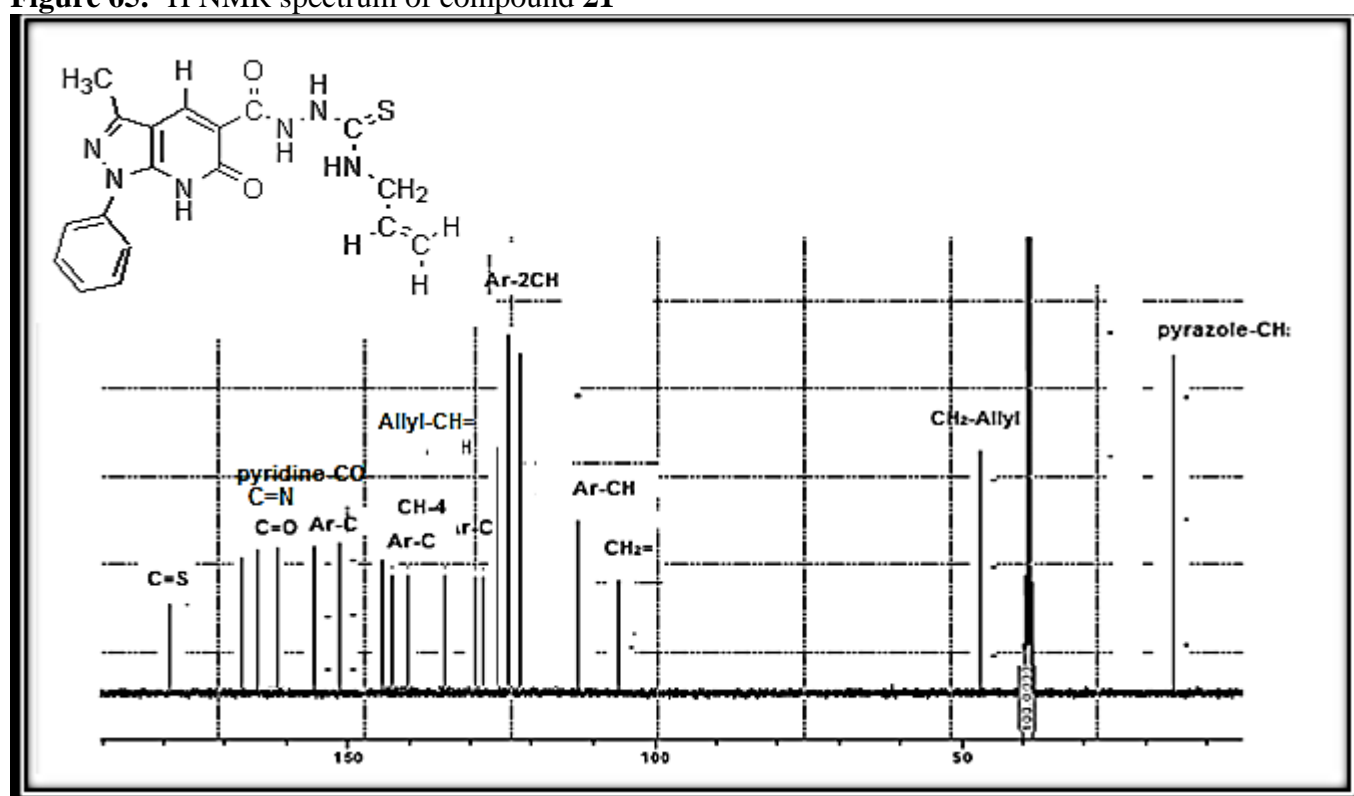


Figure 66. ^{13}C NMR spectrum of compound 21

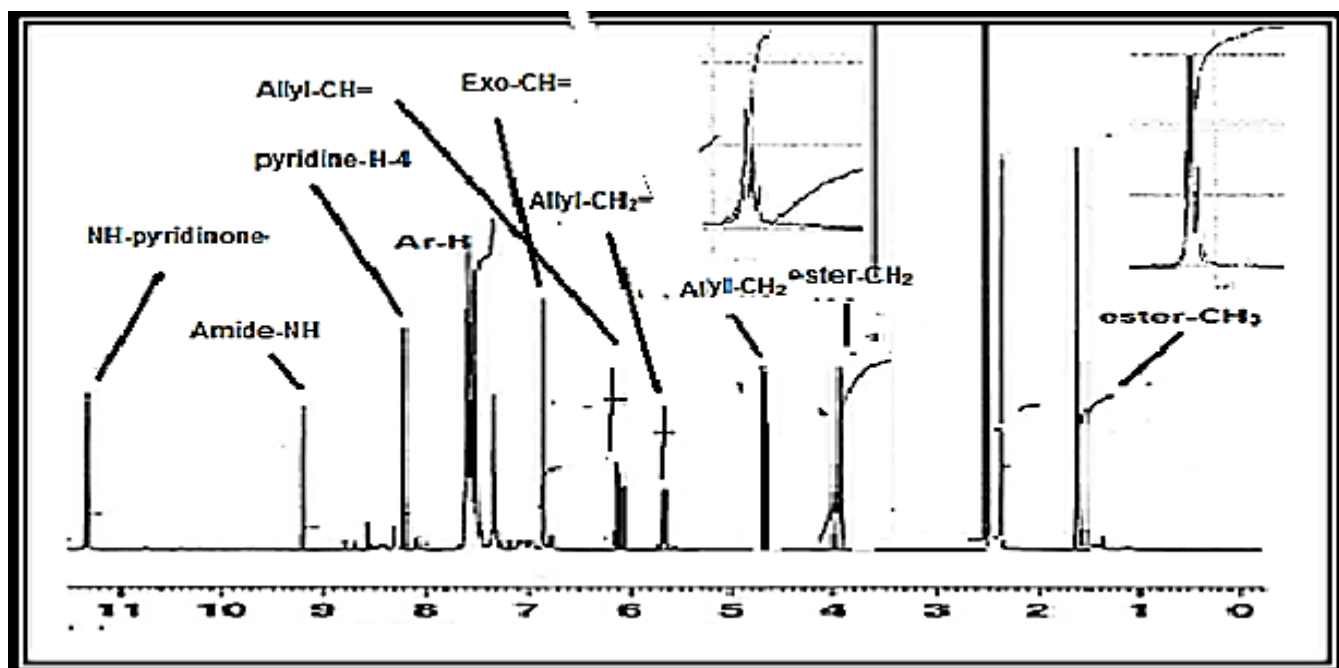


Figure 67. ^1H NMR spectrum of compound 22

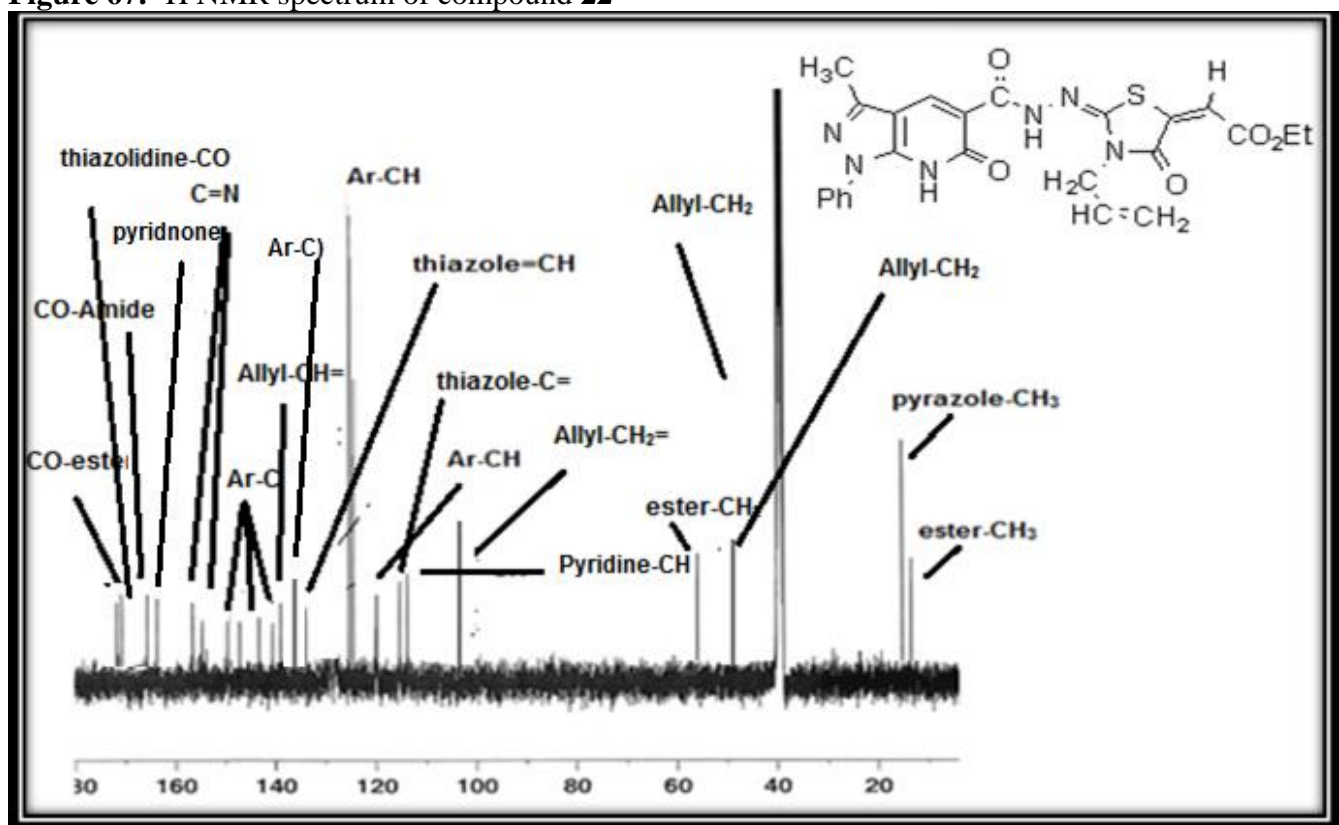


Figure 68. ^{13}C NMR spectrum of compound 22