Supplementary Material

Synthesis and antibacterial activity of furo[3,2-*b*]pyrrole derivatives

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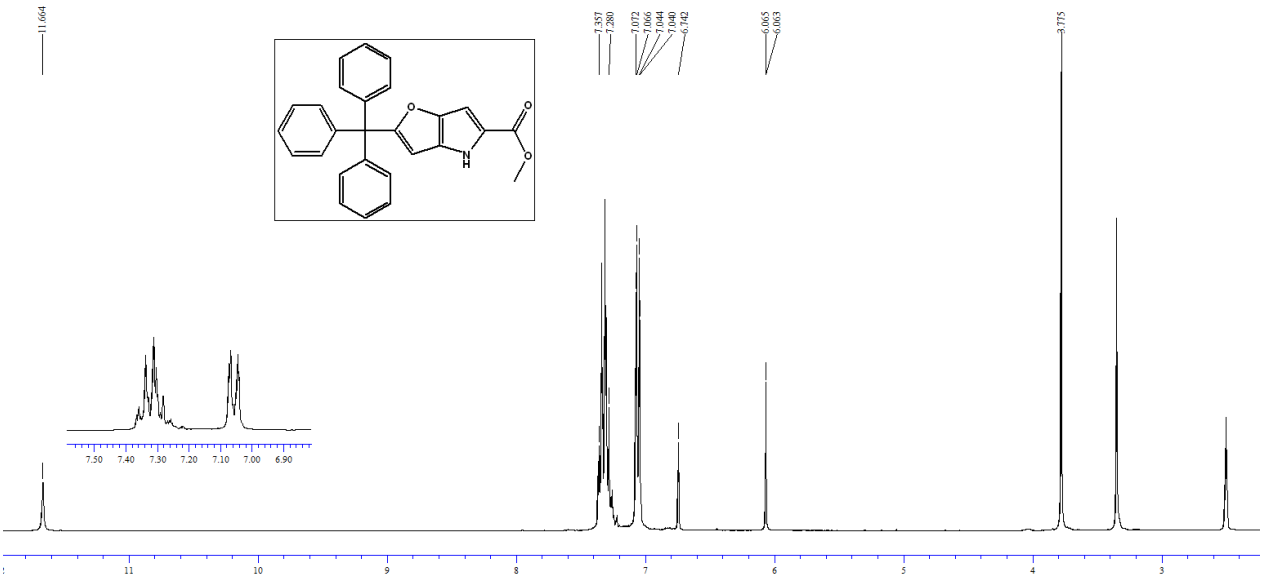

Figure S1. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **1d**

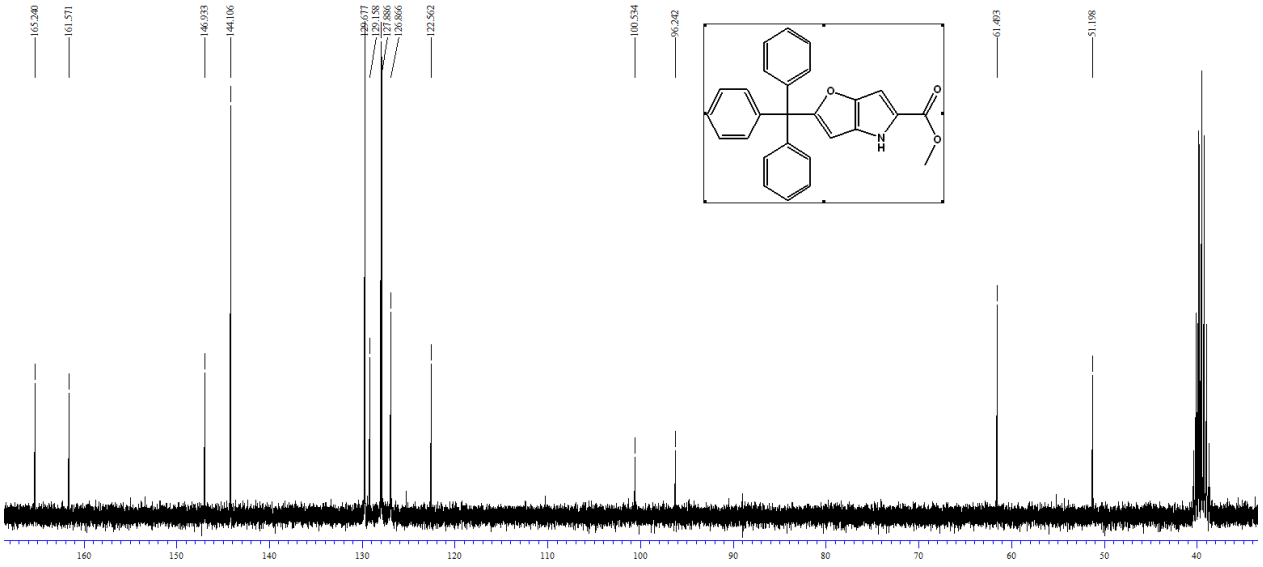

Figure S2. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **1d**

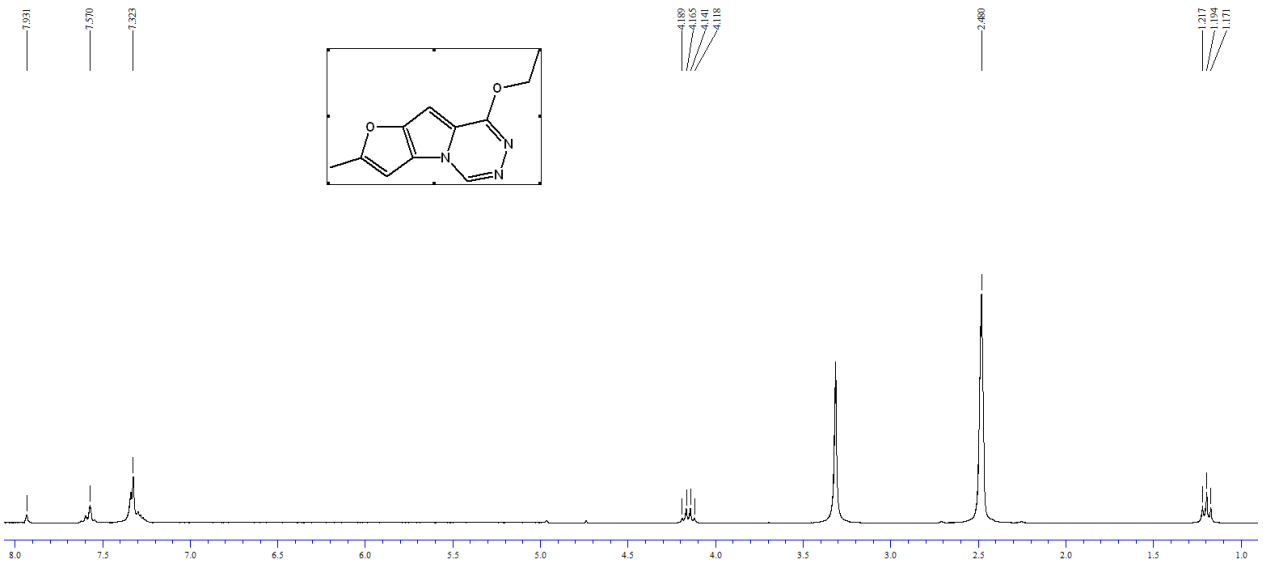

Figure S3. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **4**

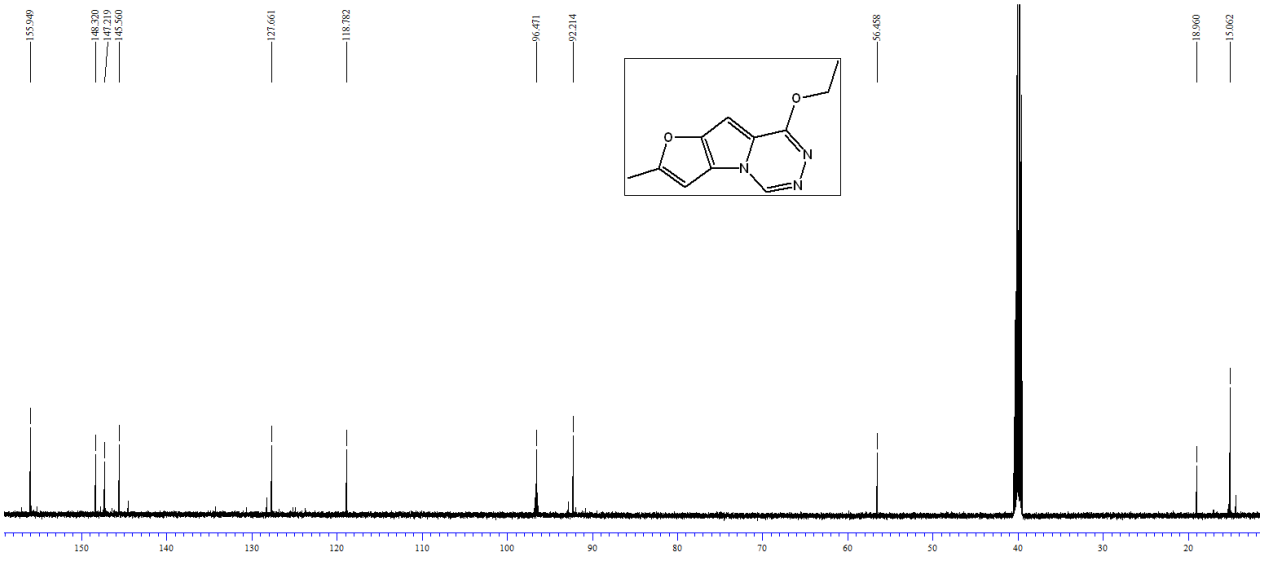

Figure S4. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **4**

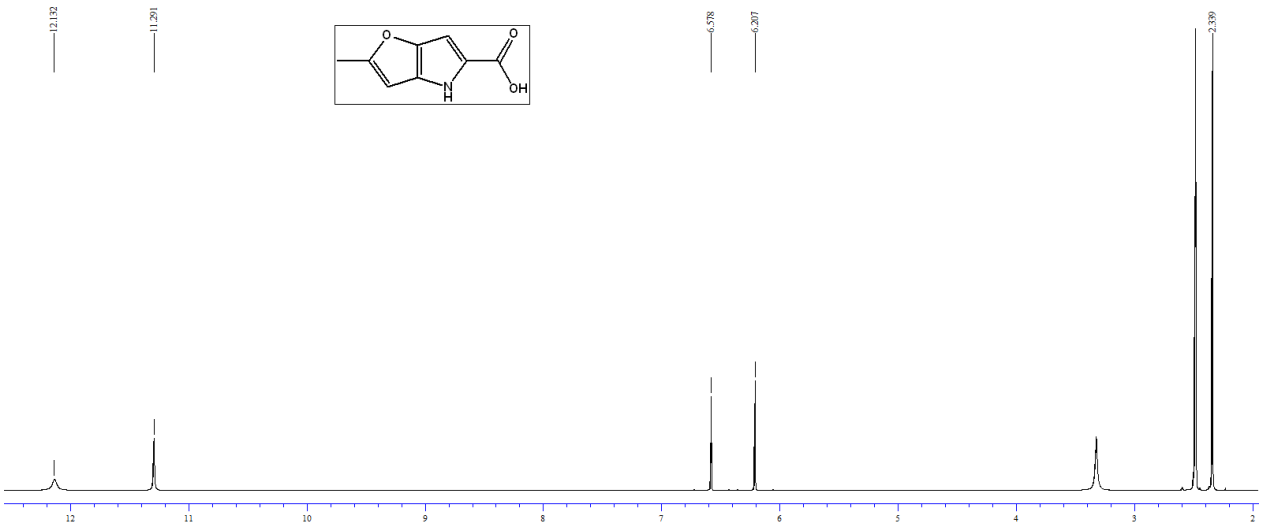

Figure S5. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **5a**

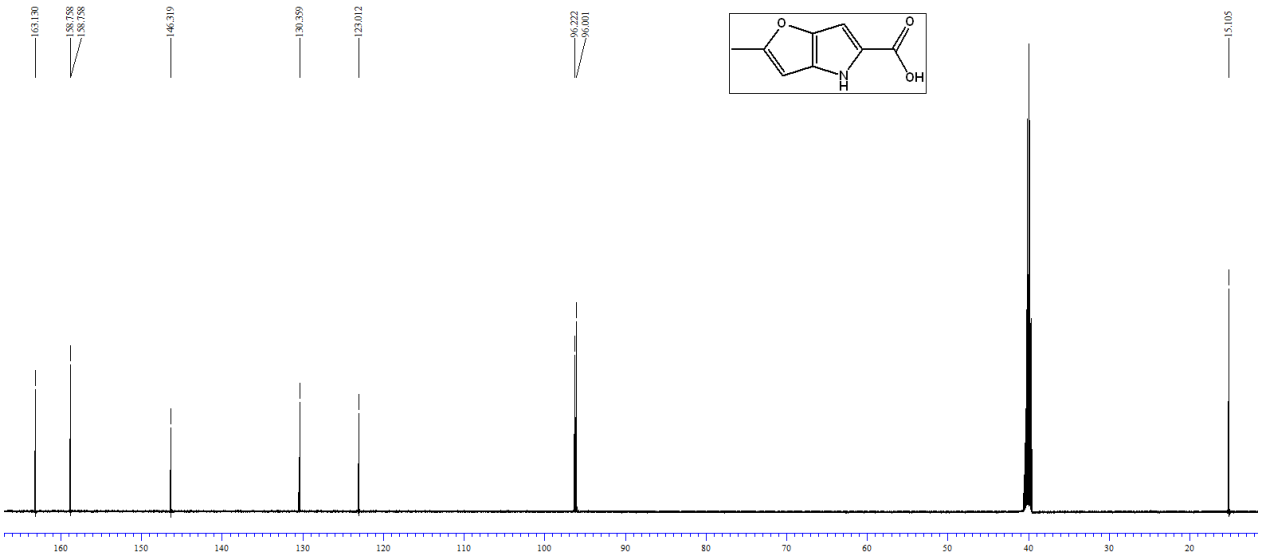

Figure S6. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **5a**

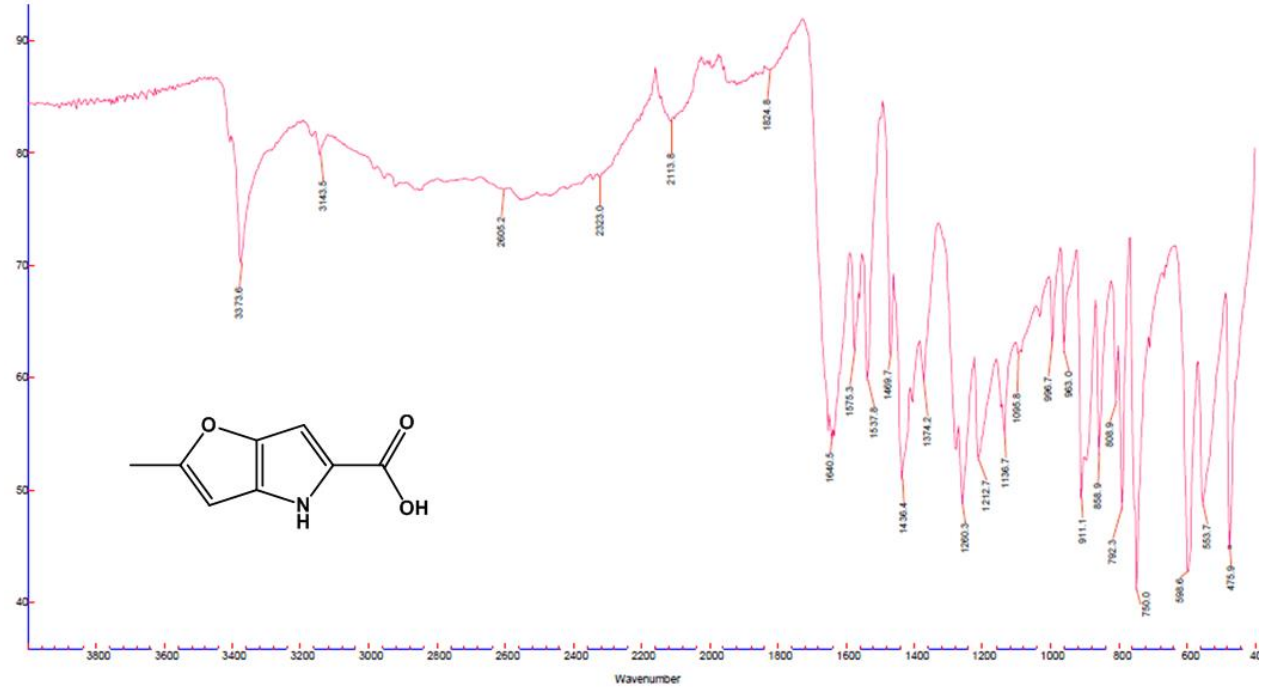

Figure S7. FTIR (ATR) spectrum of compound **5a**

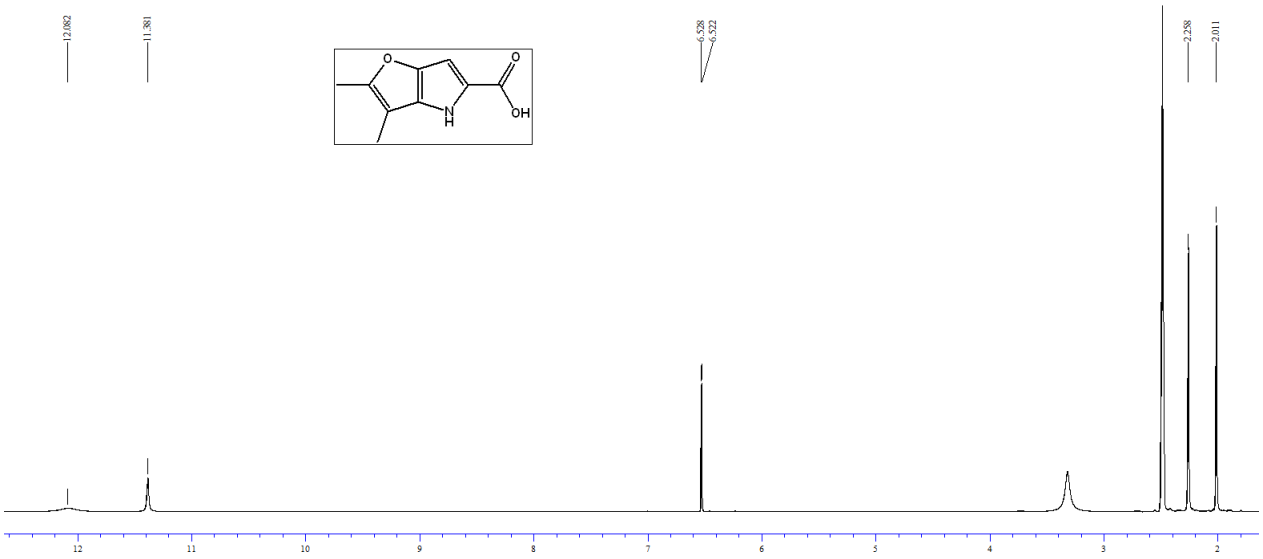

Figure S8. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **5b**

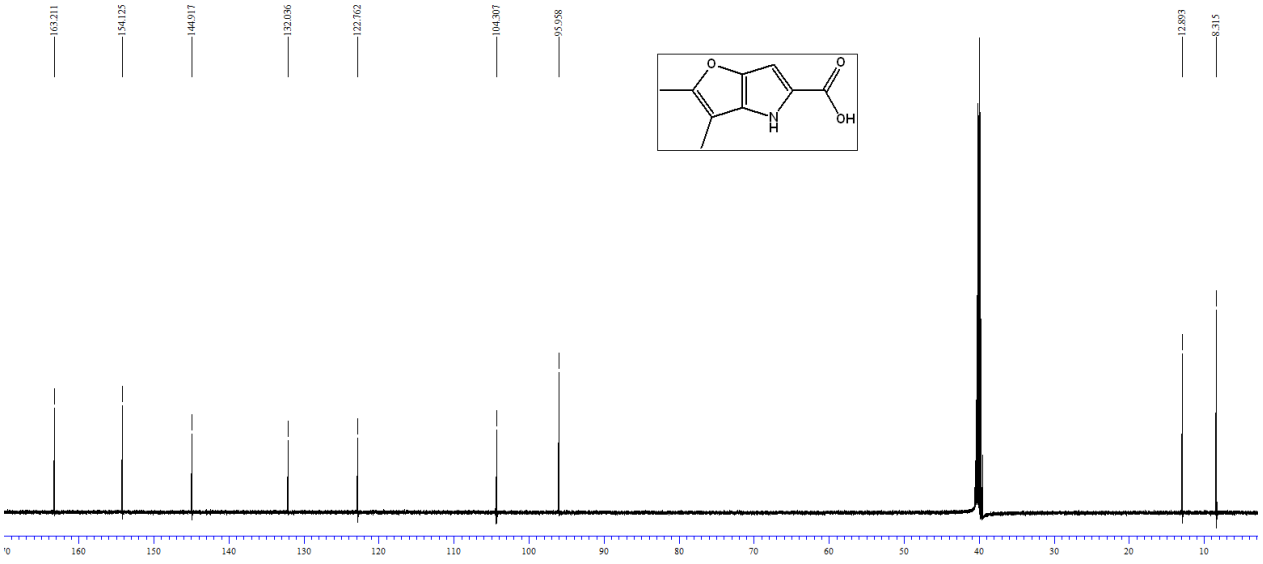

Figure S9. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **5b**

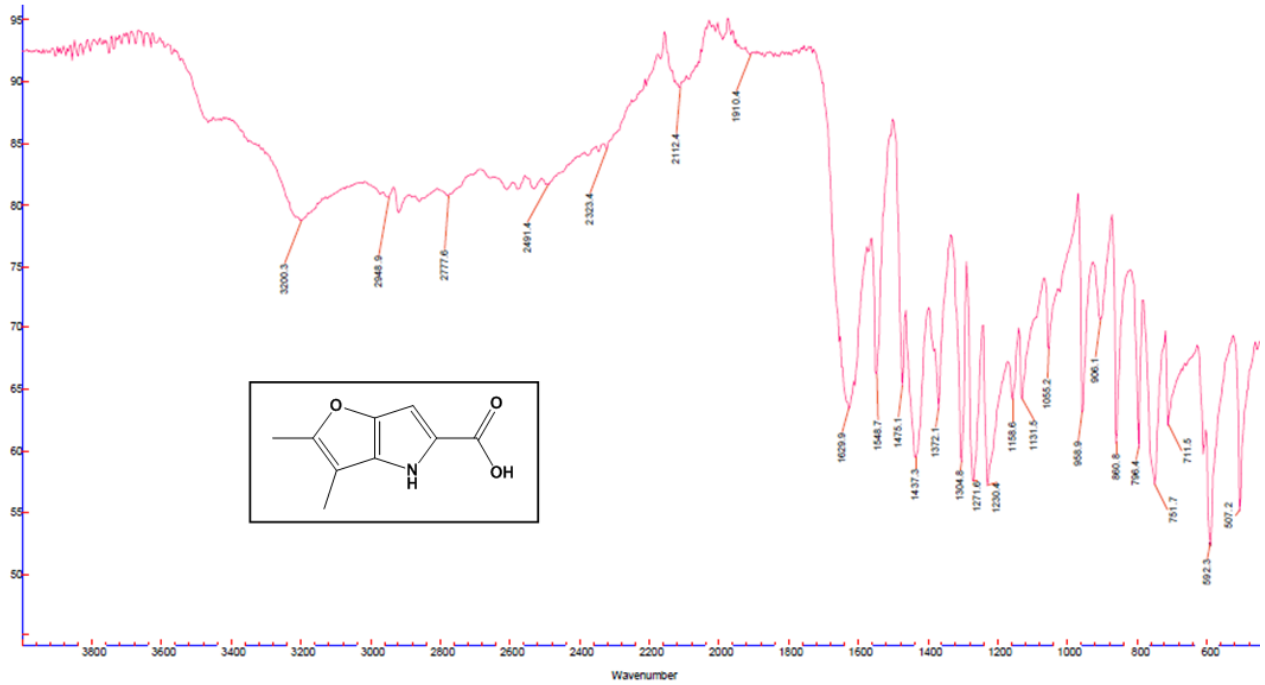

Figure S10. FTIR (ATR) spectrum of compound **5b**

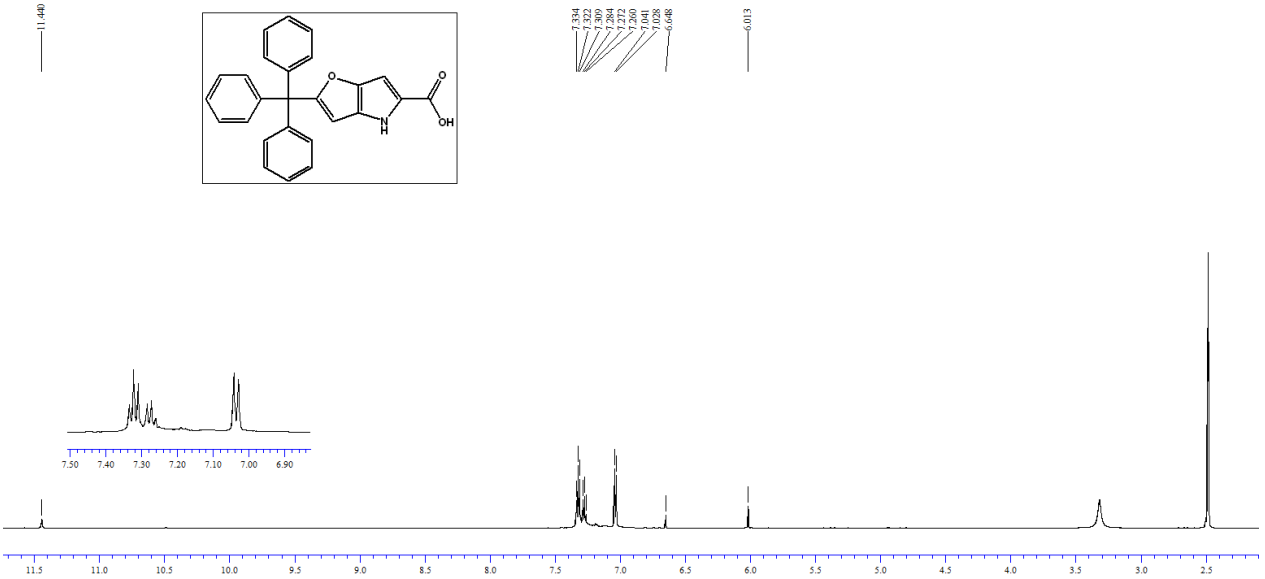

Figure S11. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **5c**

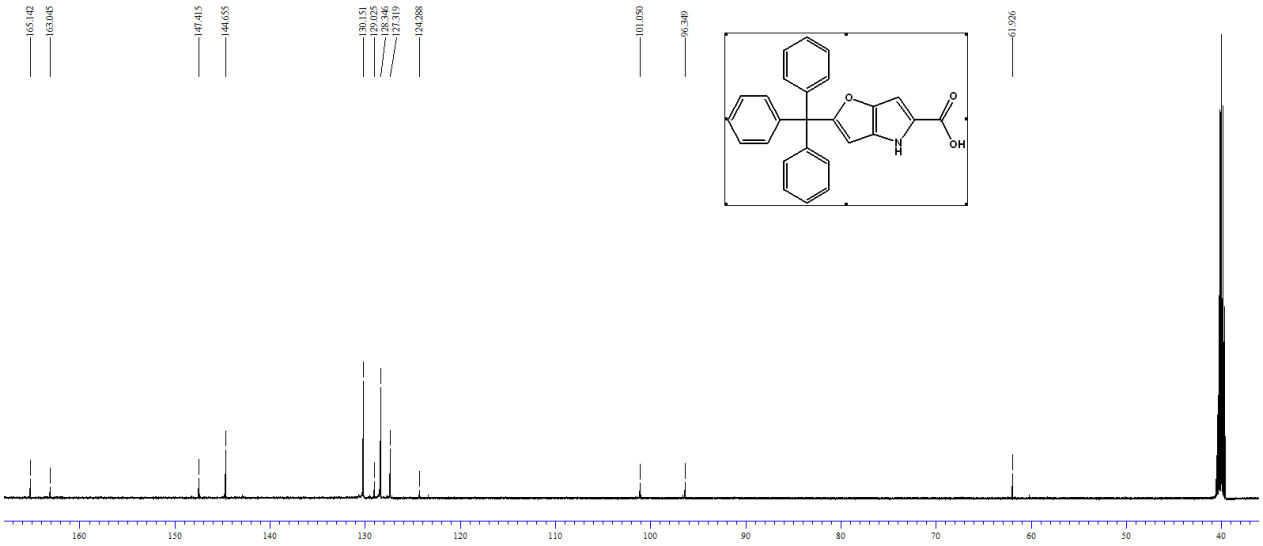

Figure S12. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **5c**

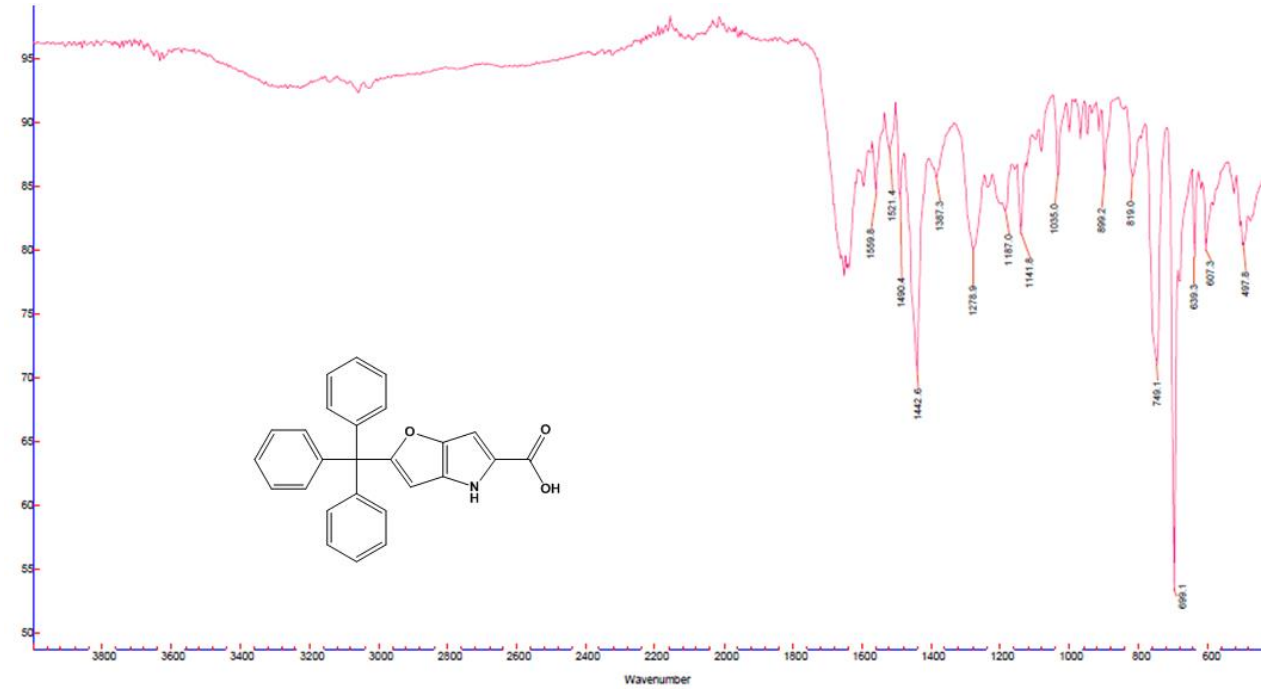

Figure S13. FTIR (ATR) spectrum of compound **5c**

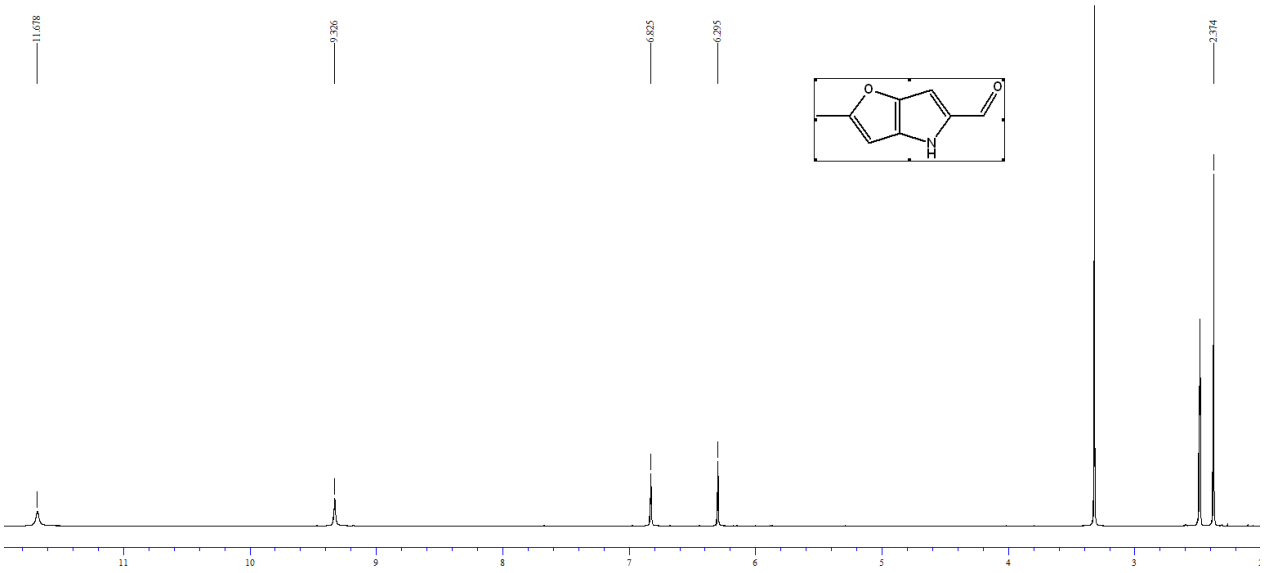

Figure S14. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **6a**

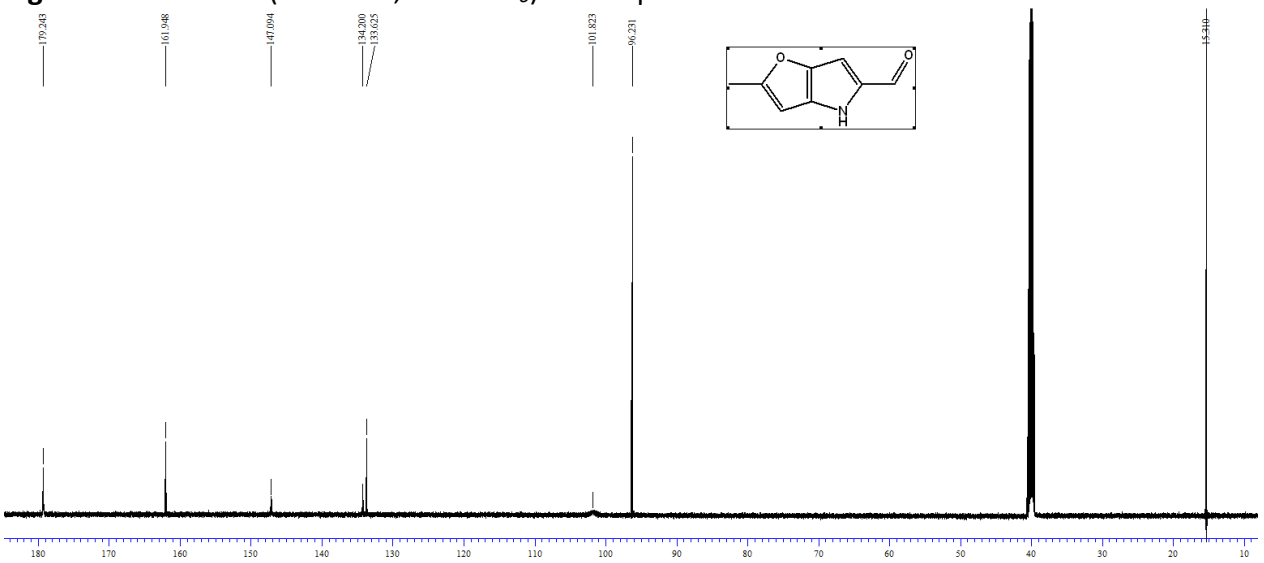

Figure S15. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **6a**

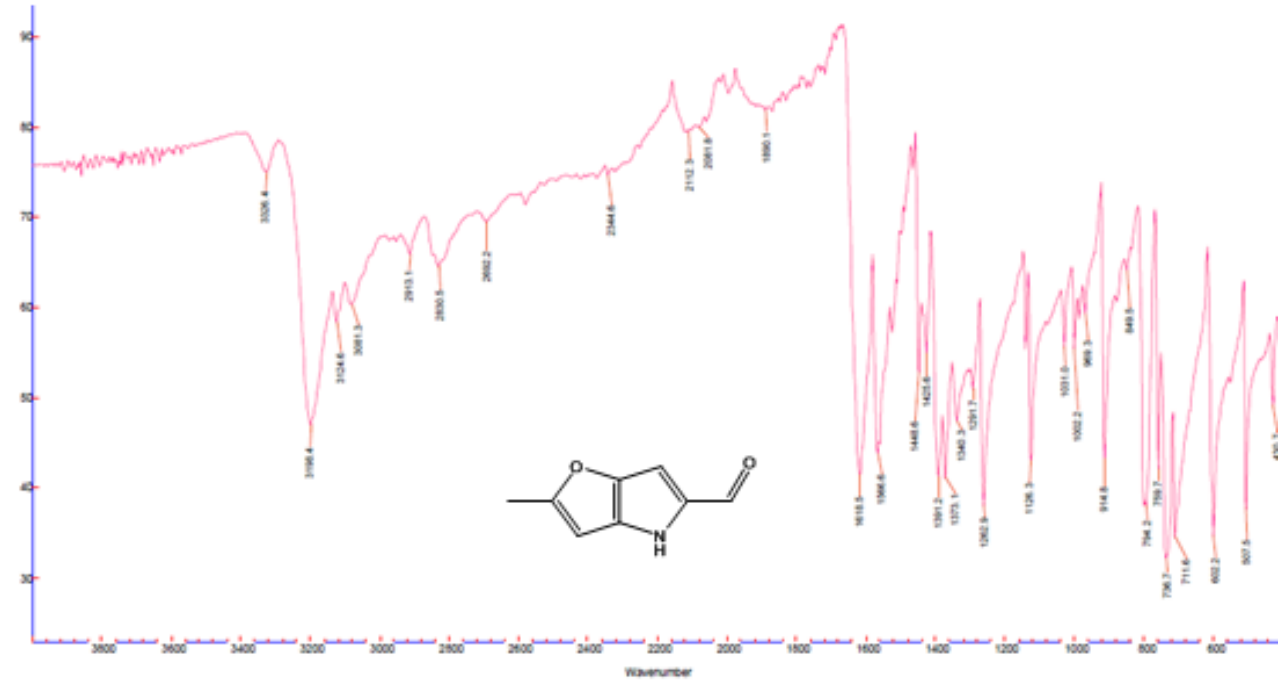

Figure S16. FTIR (ATR) spectrum of compound **6a**

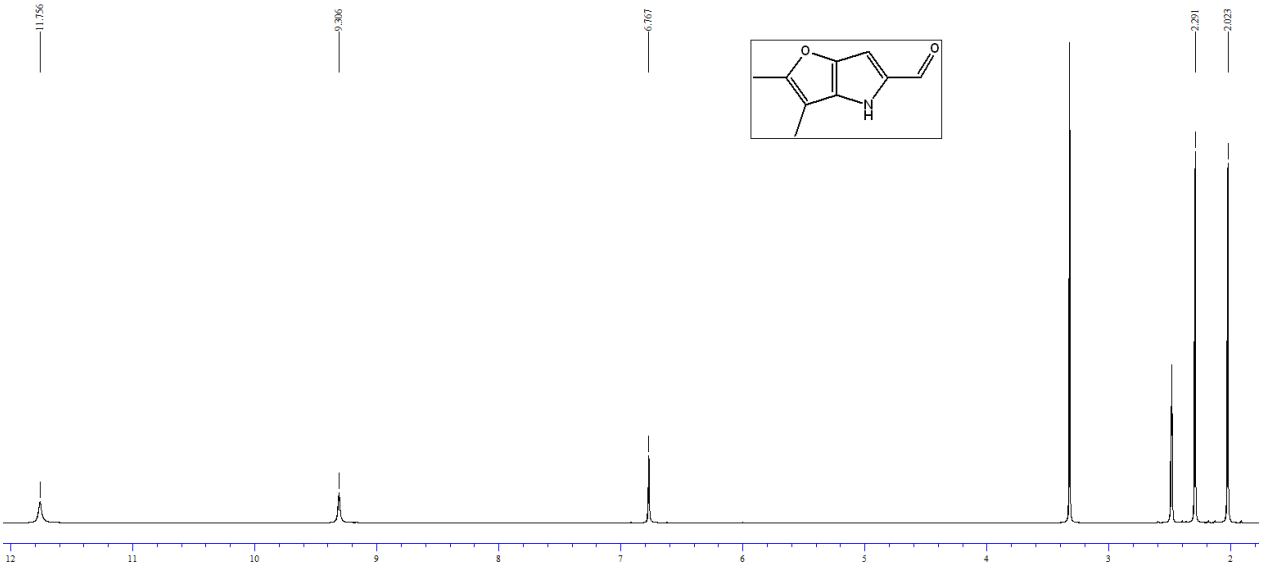

Figure S17. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **6b**

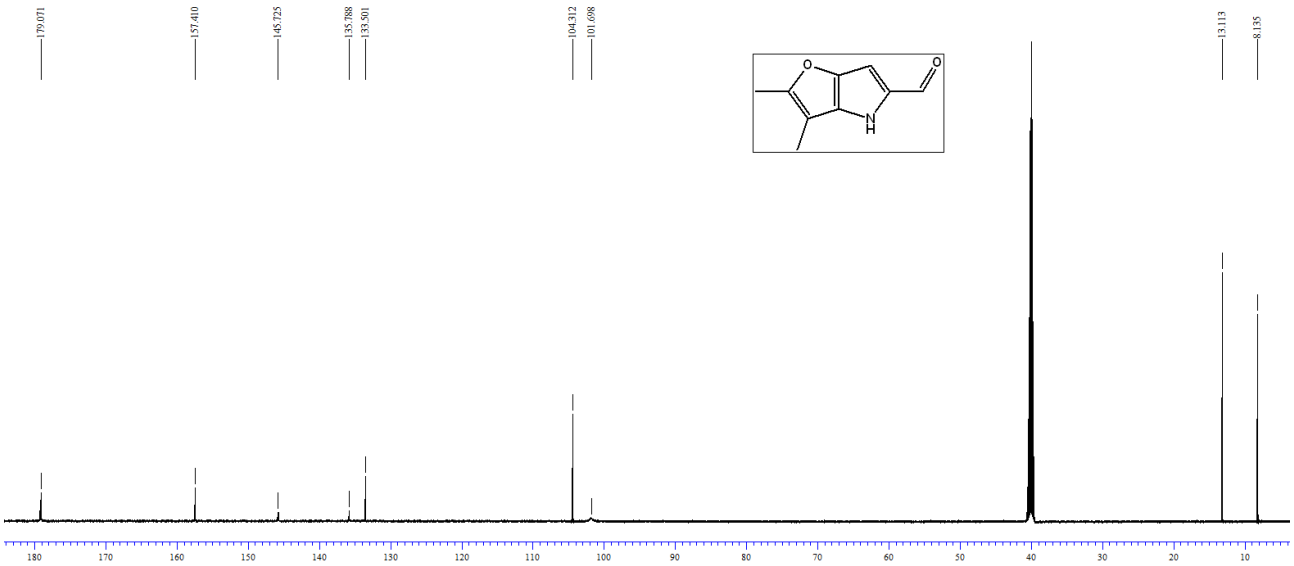

Figure S18. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **6b**

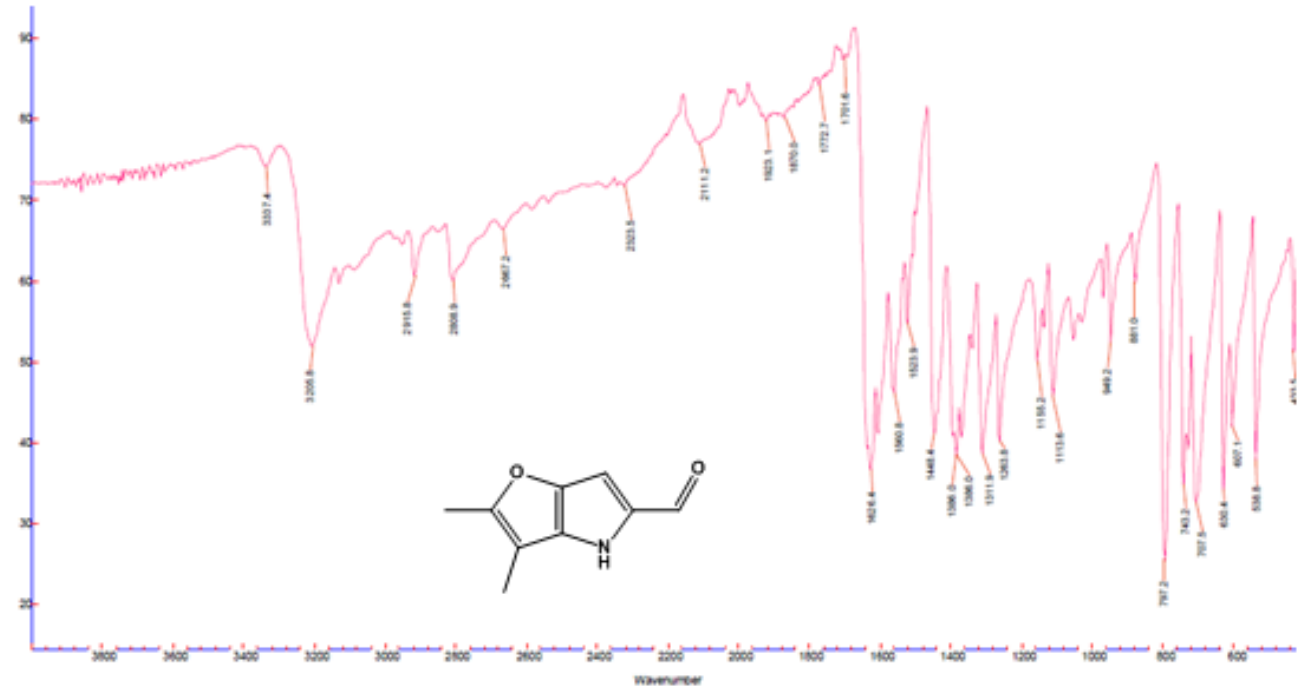

Figure S19. FTIR (ATR) spectrum of compound **6b**

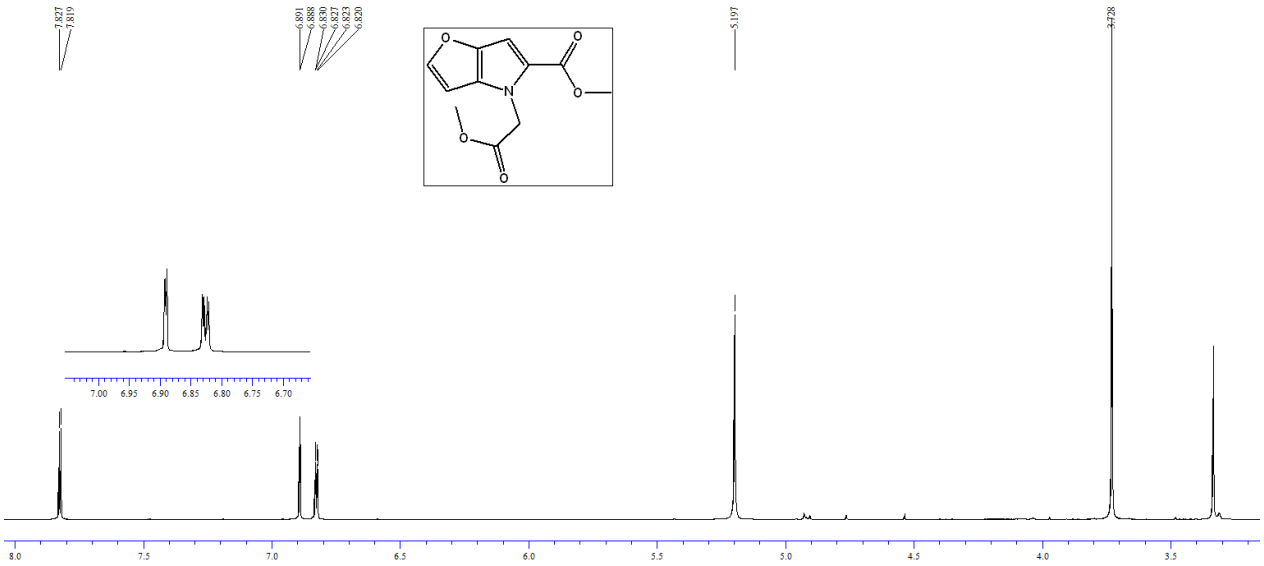

Figure S20. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **7a**

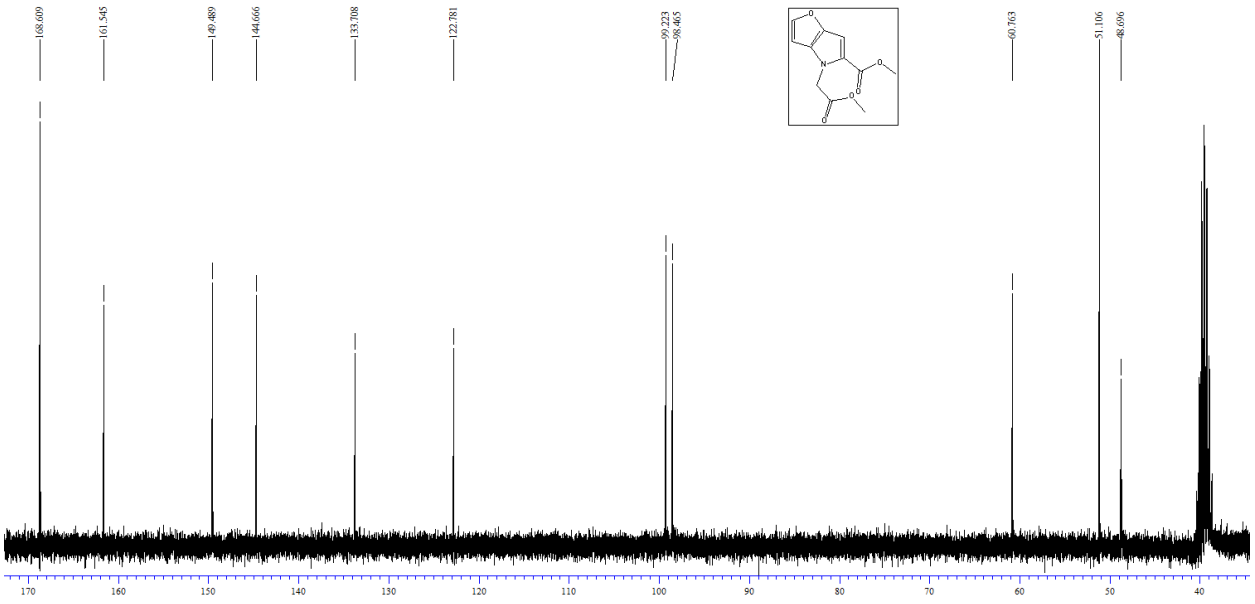

Figure S21. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **7a**

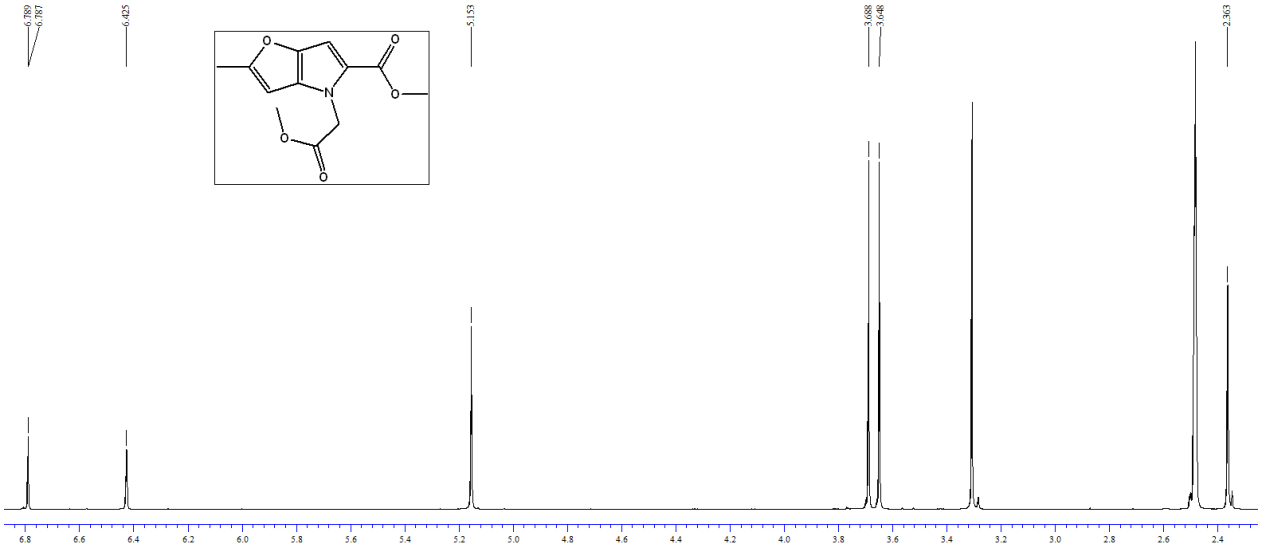

Figure S22. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **7b**

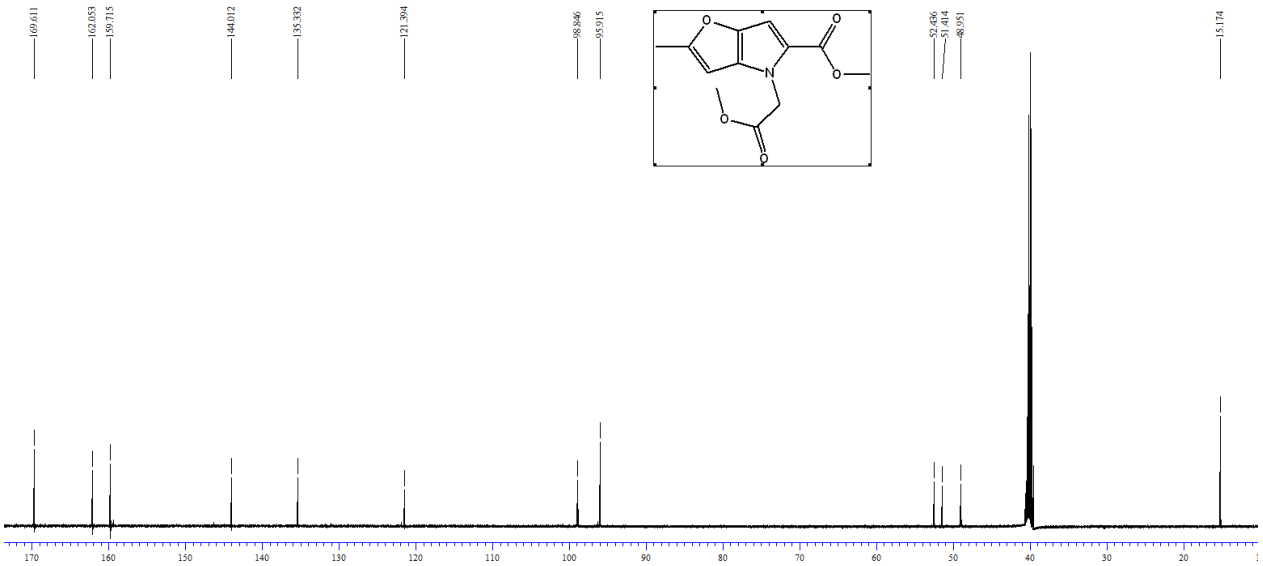

Figure S23. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **7b**

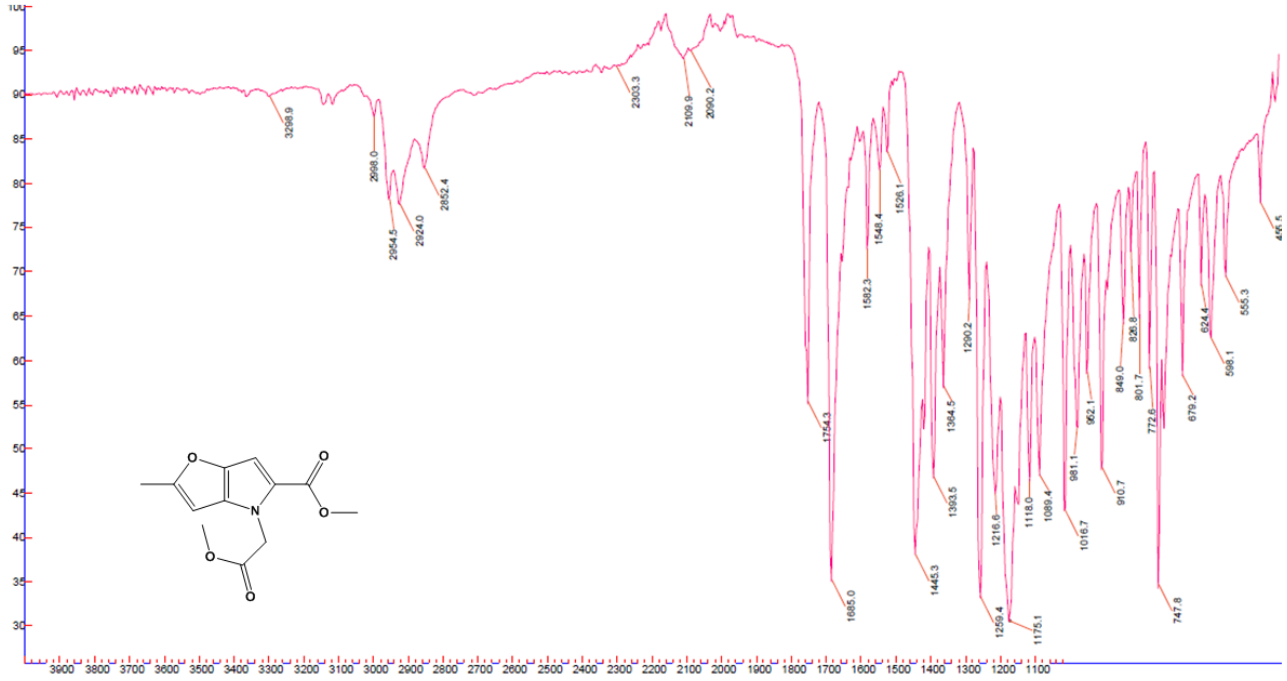

Figure S24. FTIR (ATR) spectrum of compound **7b**

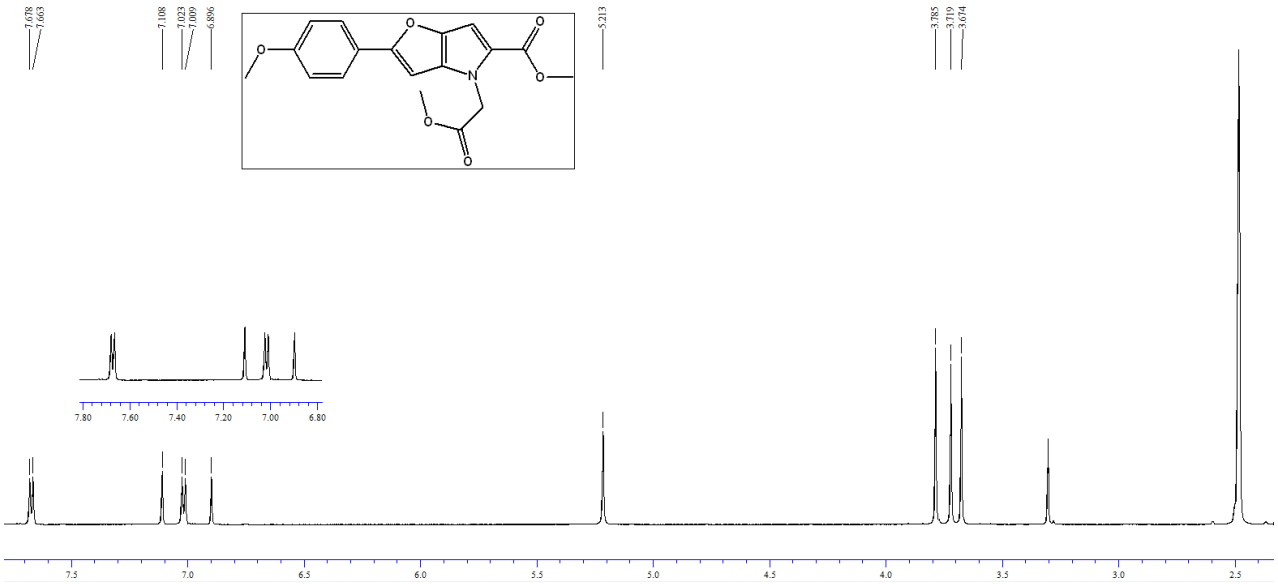

Figure S25. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **7c**

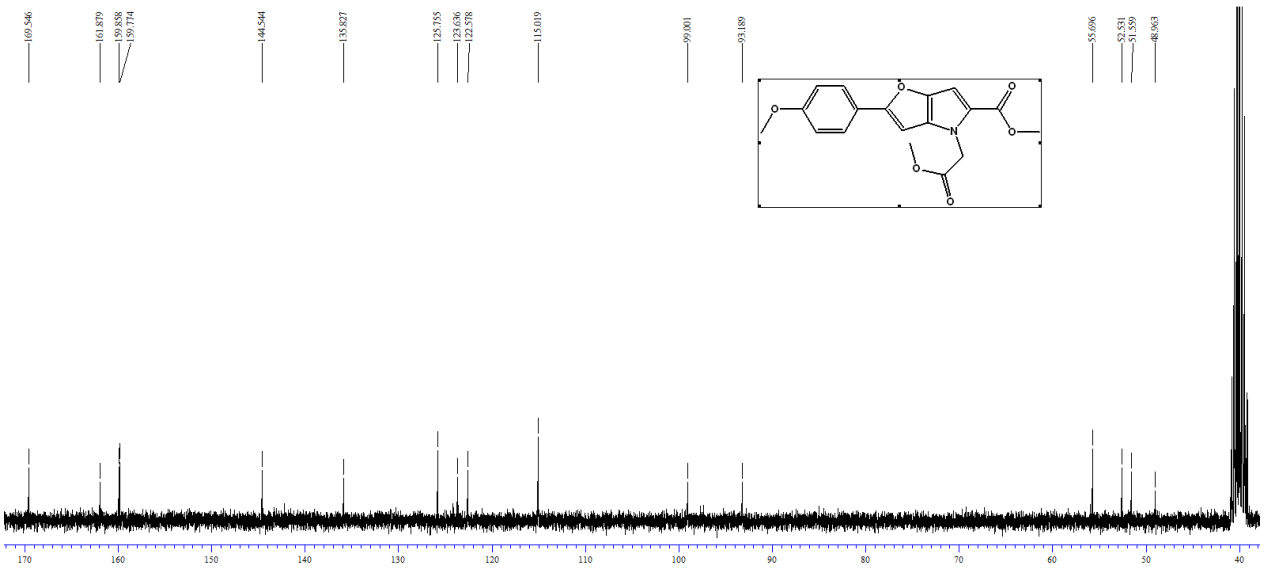

Figure S26. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **7c**

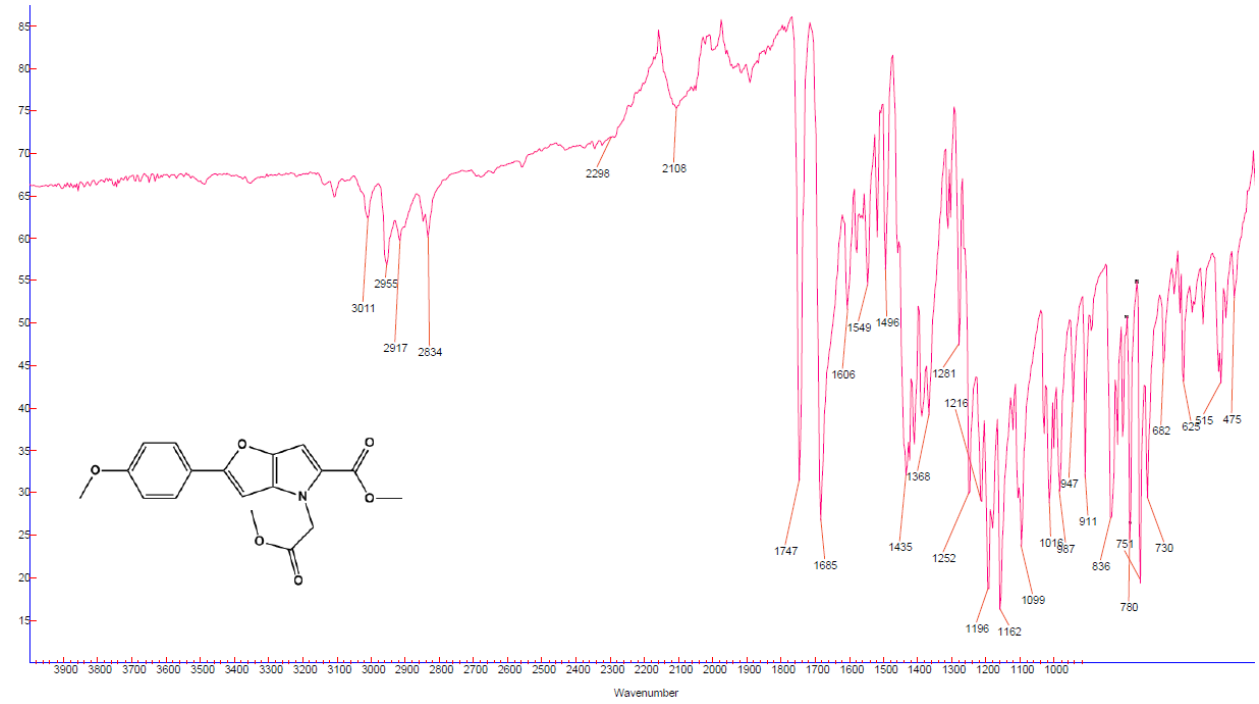

Figure S27. FTIR (ATR) spectrum of compound **7c**

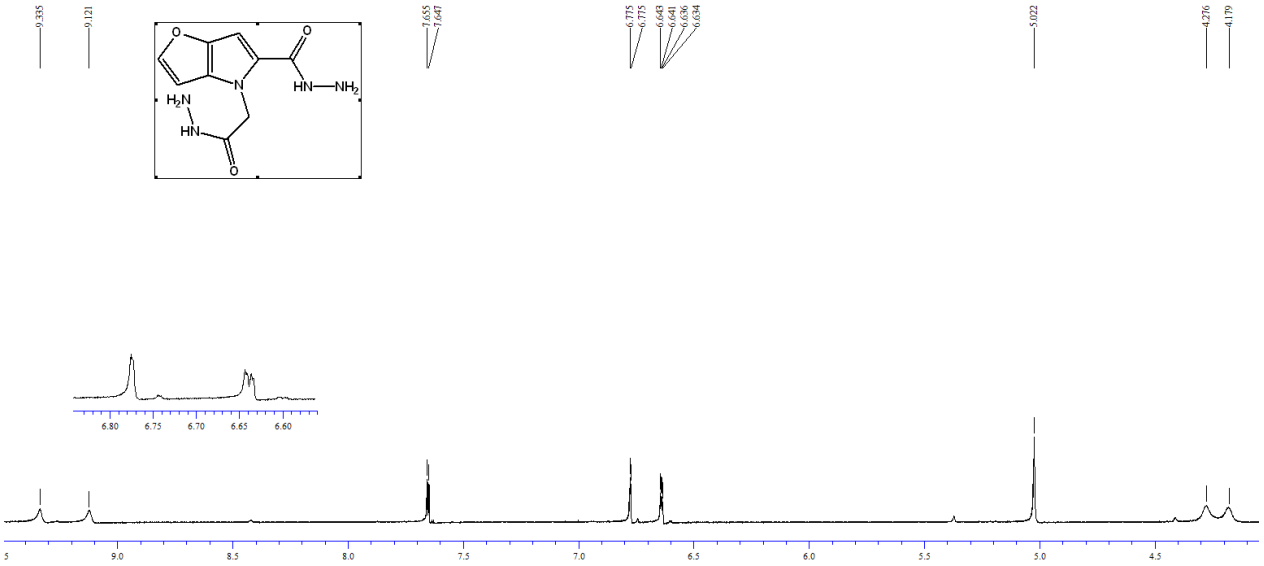

Figure S28. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **8a**

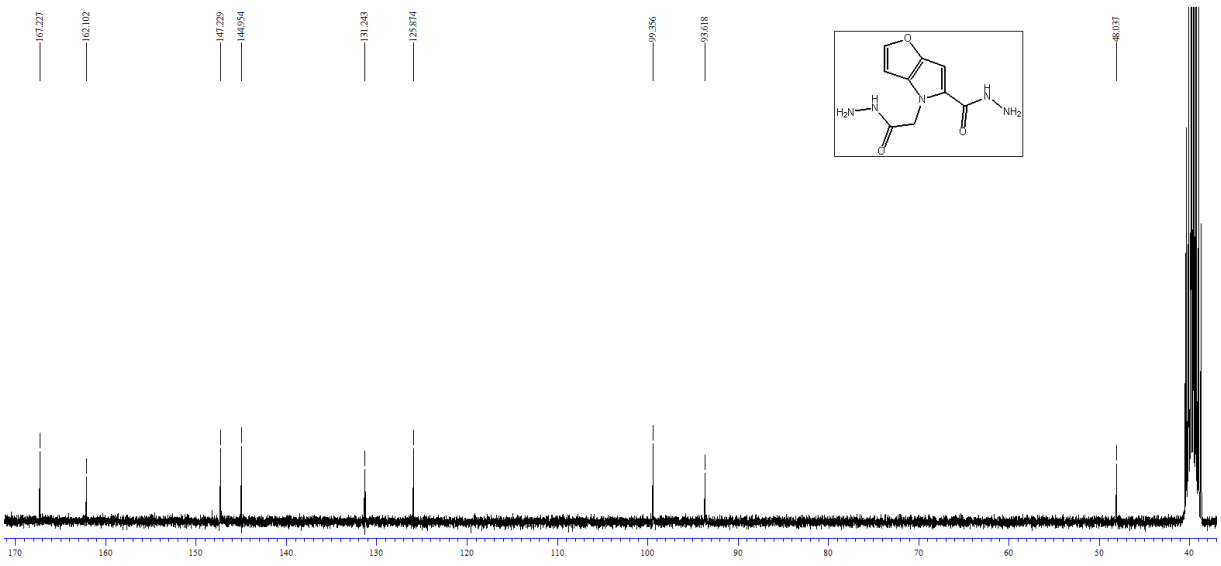

Figure S29. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **8a**

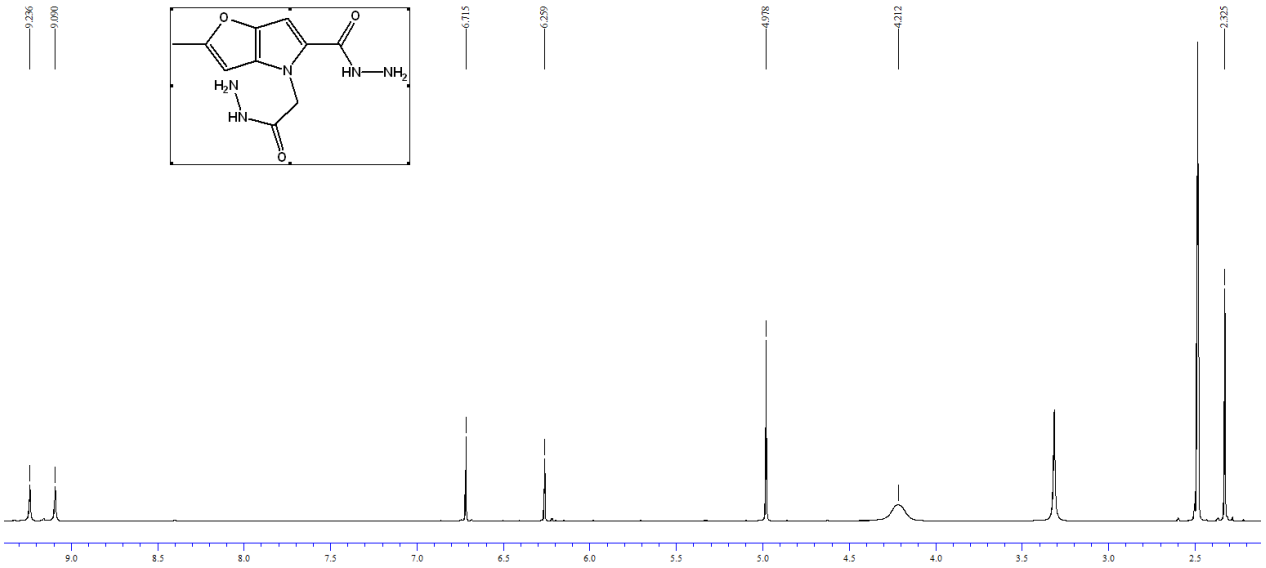

Figure S30. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **8b**

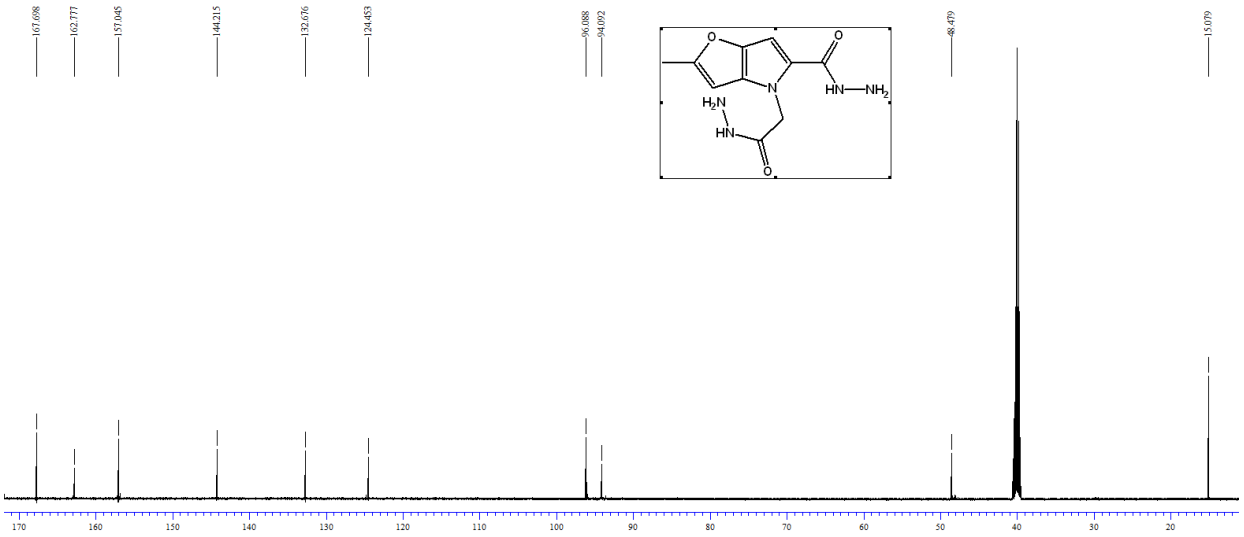

Figure S31. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **8b**

Figure S32. FTIR (ATR) spectrum of compound **8b**

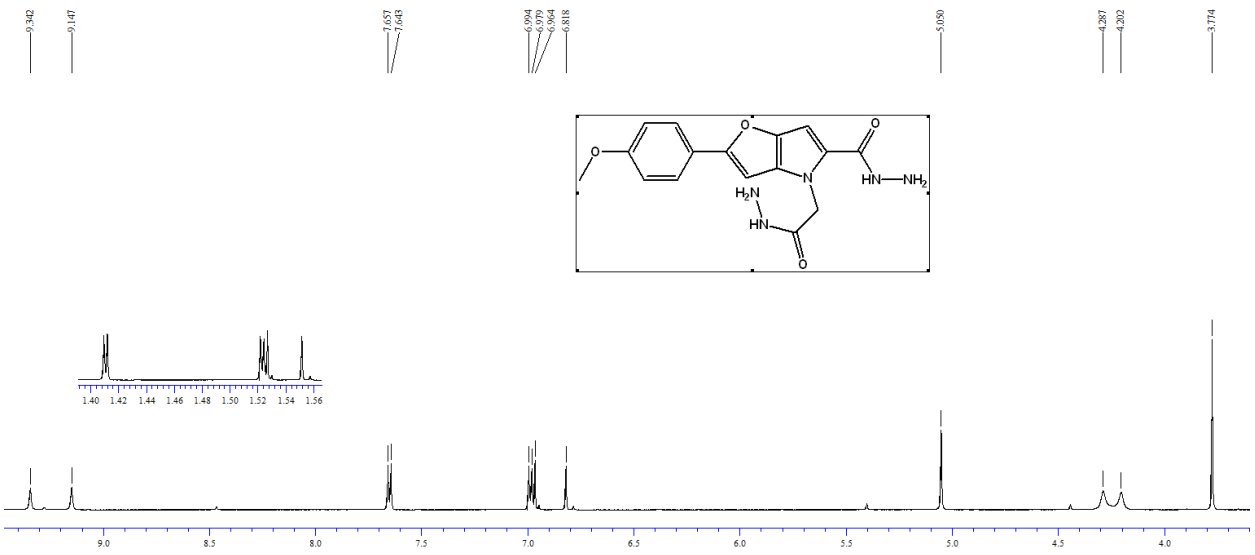

Figure S33. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **8c**

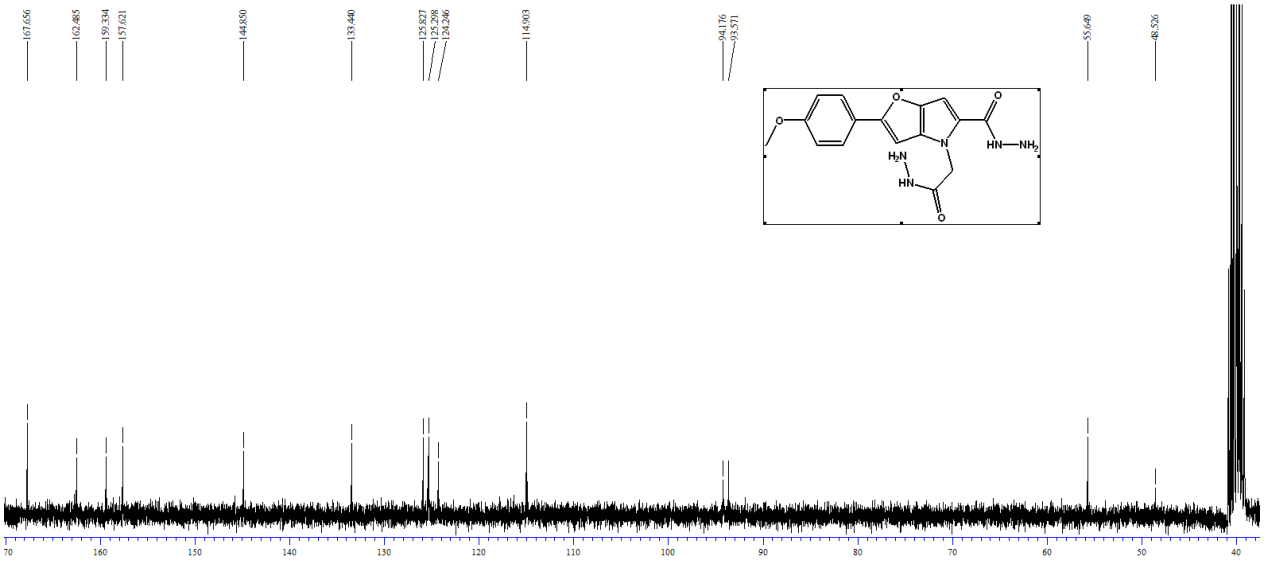

Figure S34. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **8c**

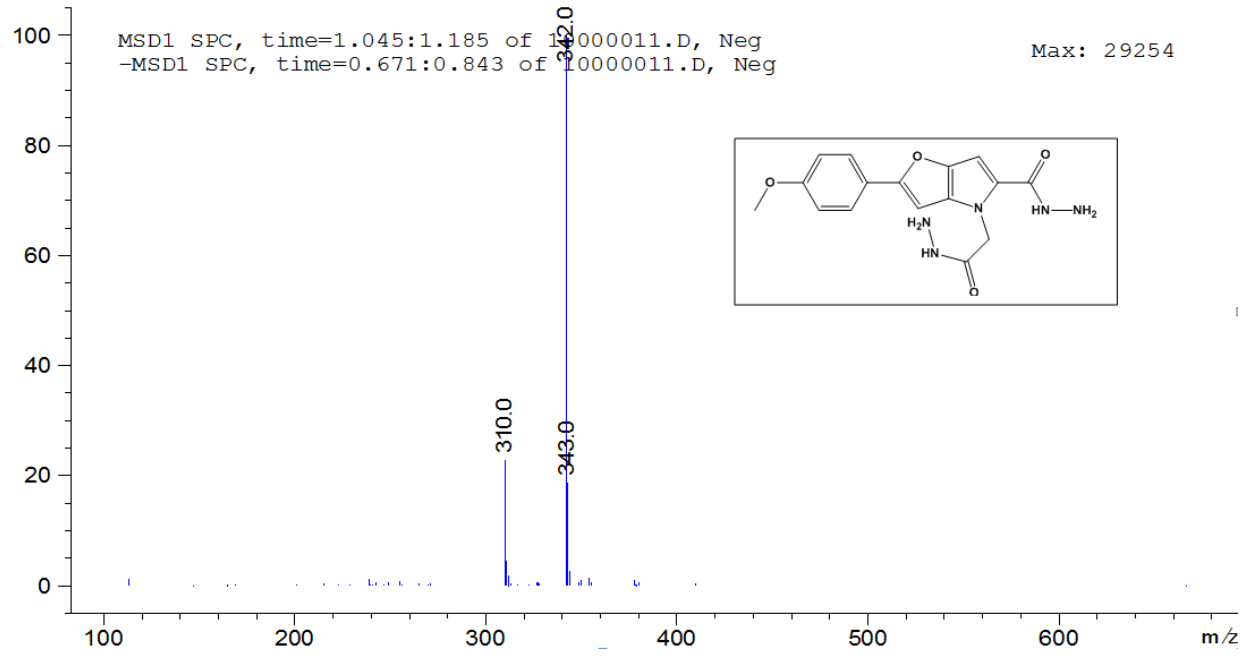

Figure S35. MS (ESI-) spectrum of compound **8c**

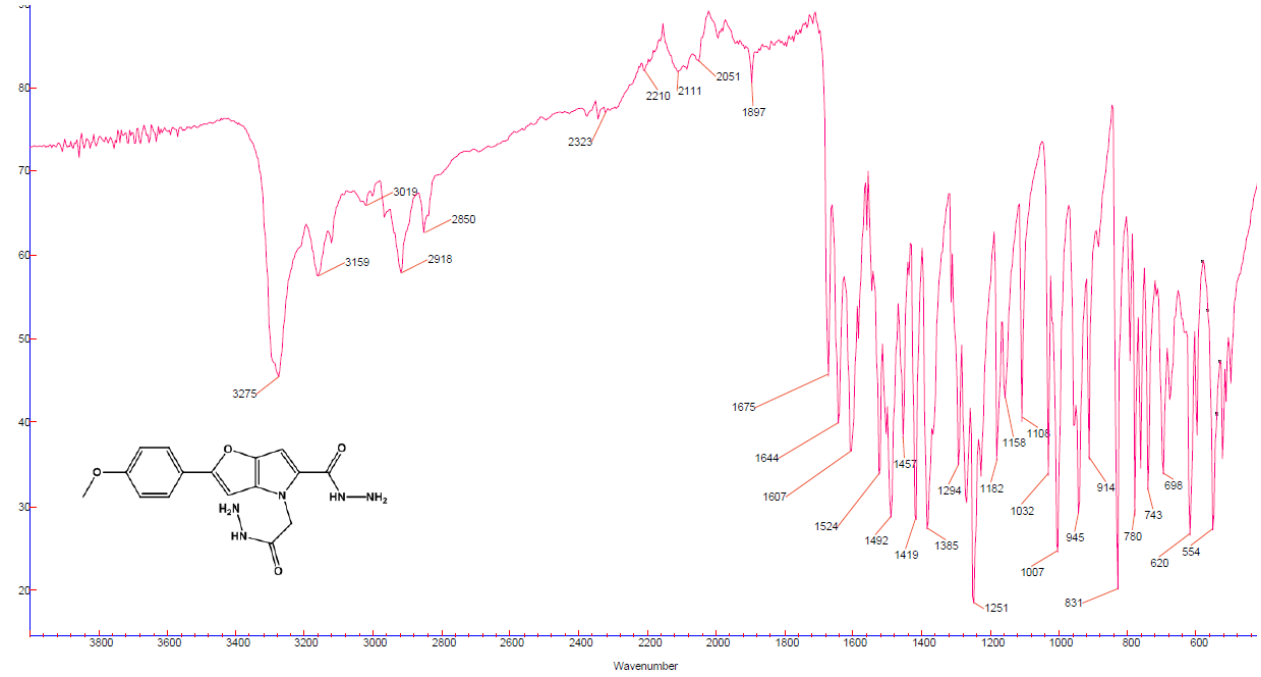

Figure S36. FTIR (ATR) spectrum of compound **8c**

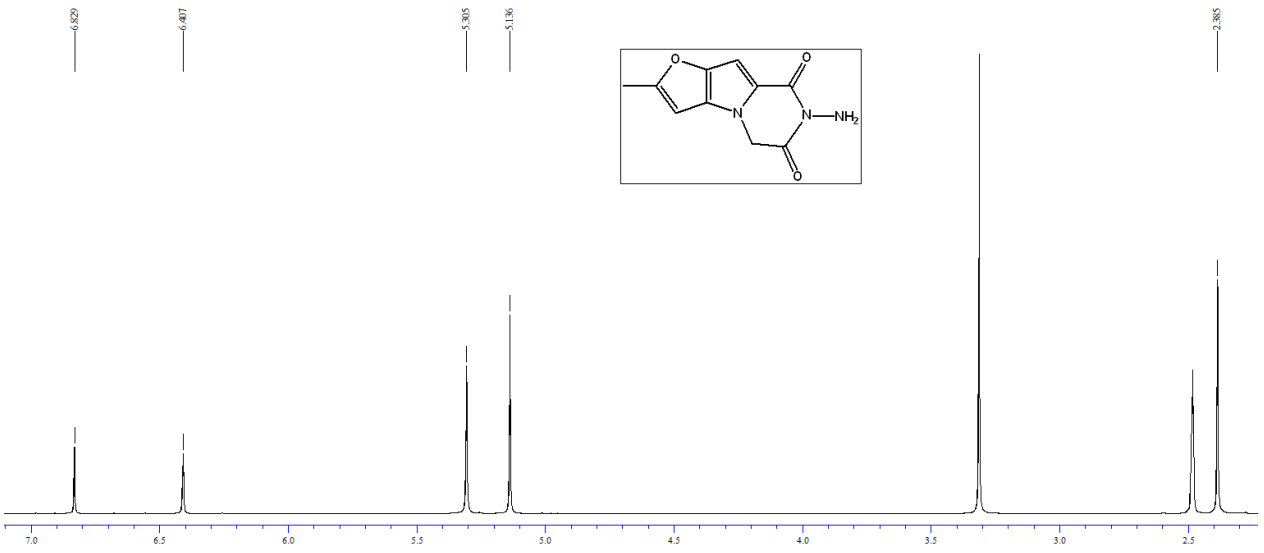

Figure S37. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **9**

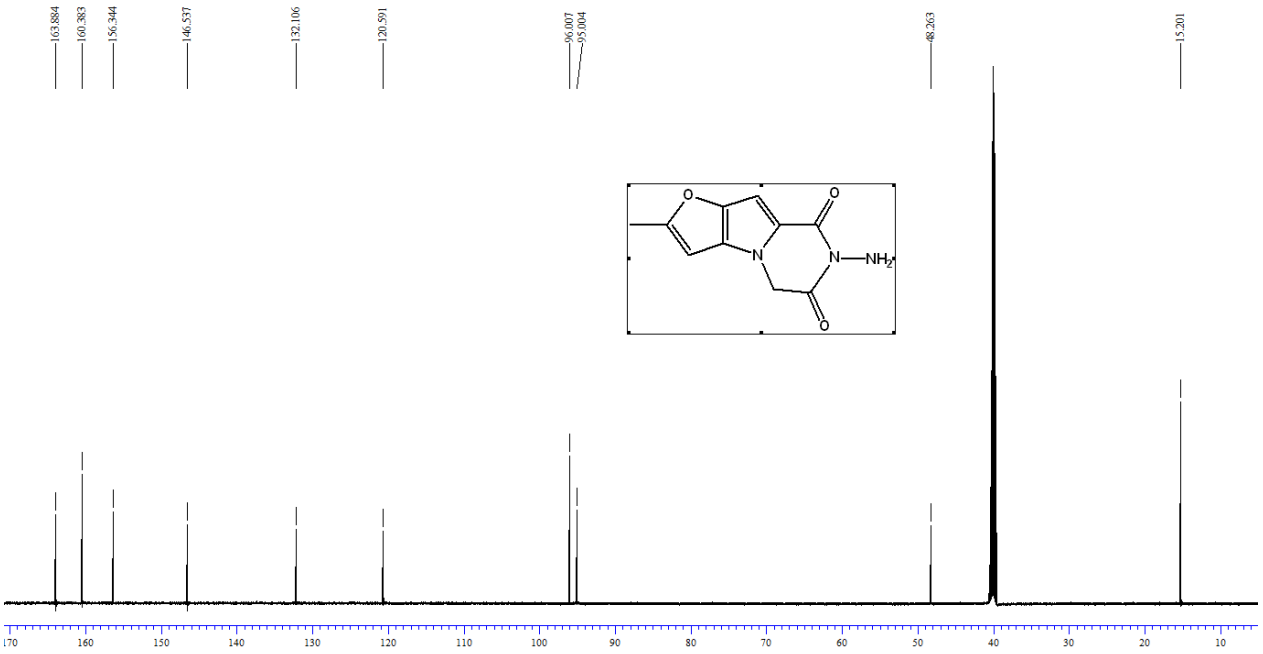

Figure S38. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **9**

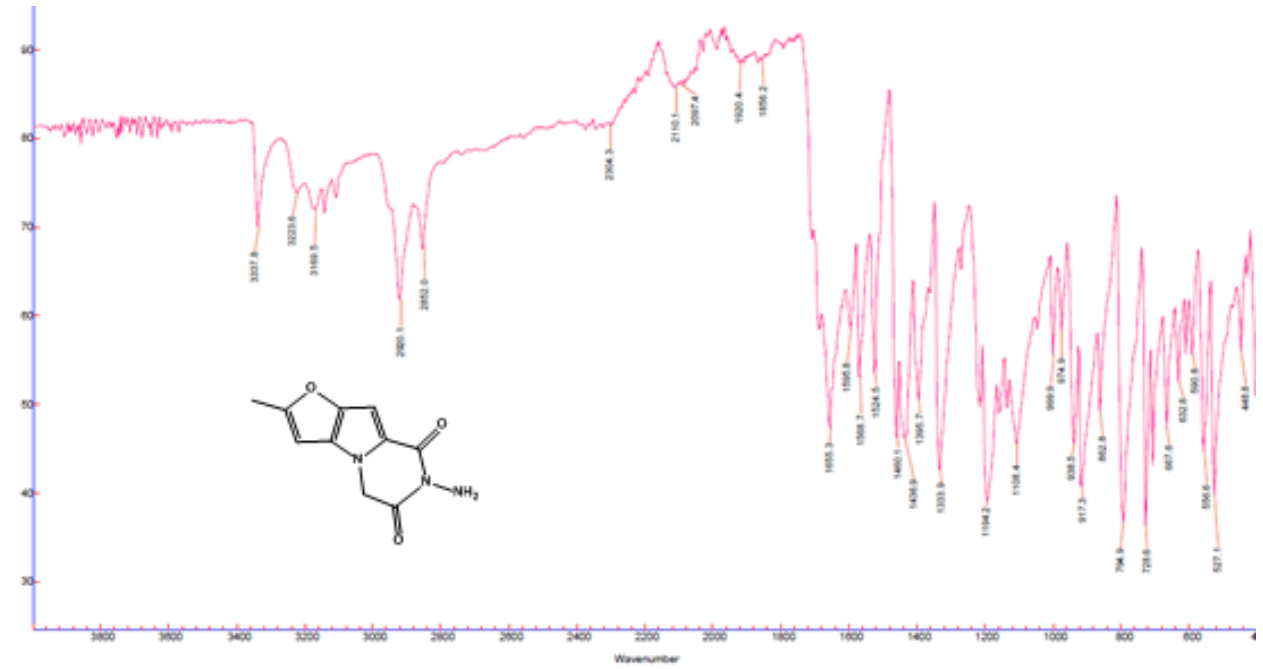

Figure S39. FTIR (ATR) spectrum of compound **9**

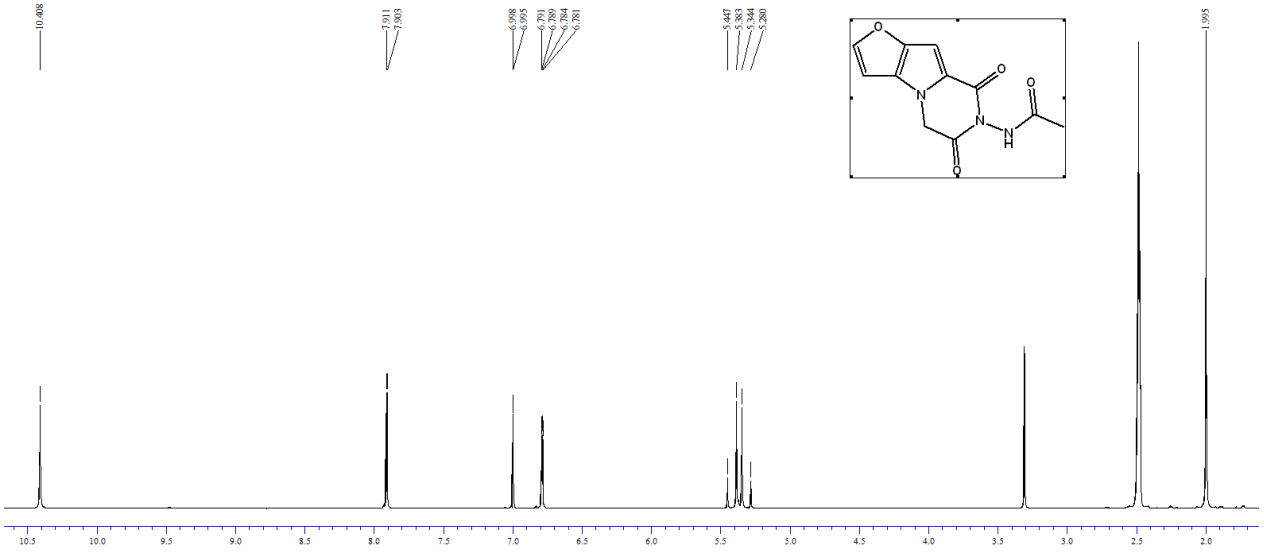

Figure S40. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **10a**

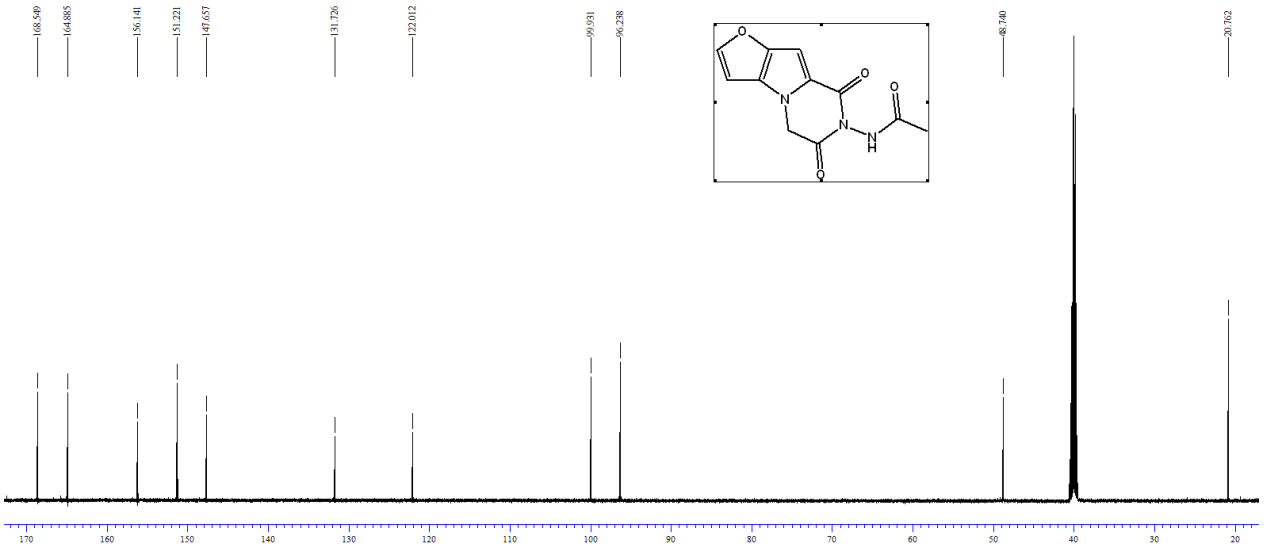

Figure S41. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **10a**

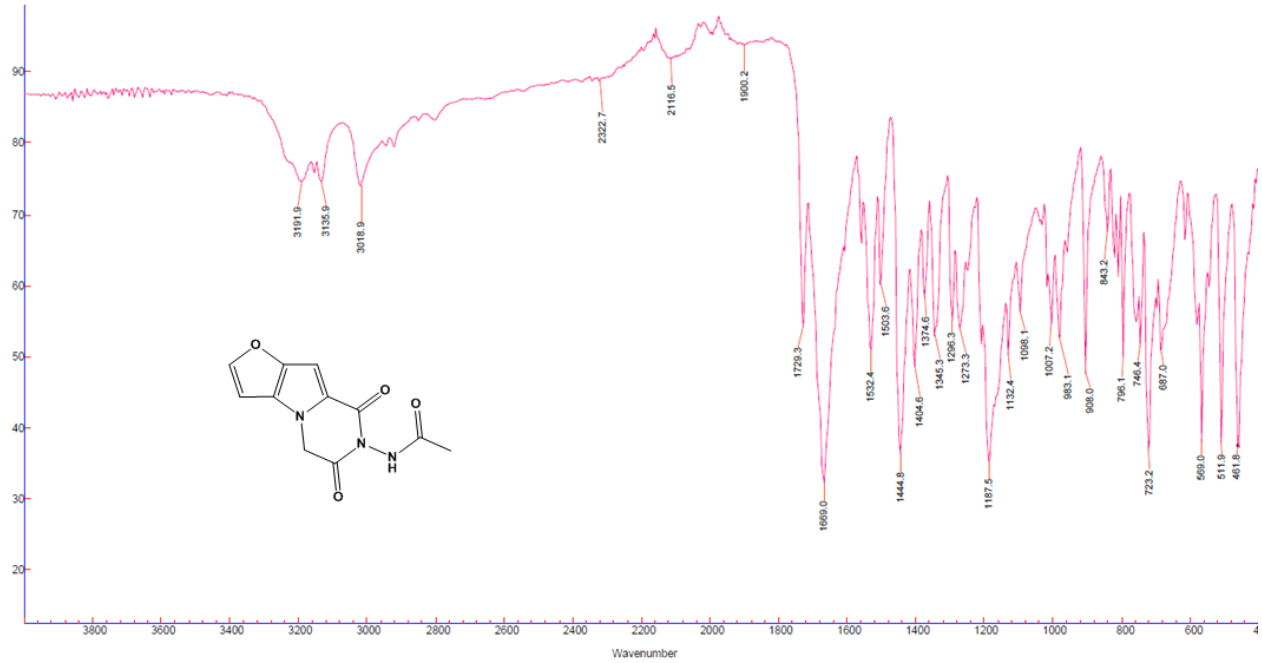

Figure S42. FTIR (ATR) spectrum of compound **10a**

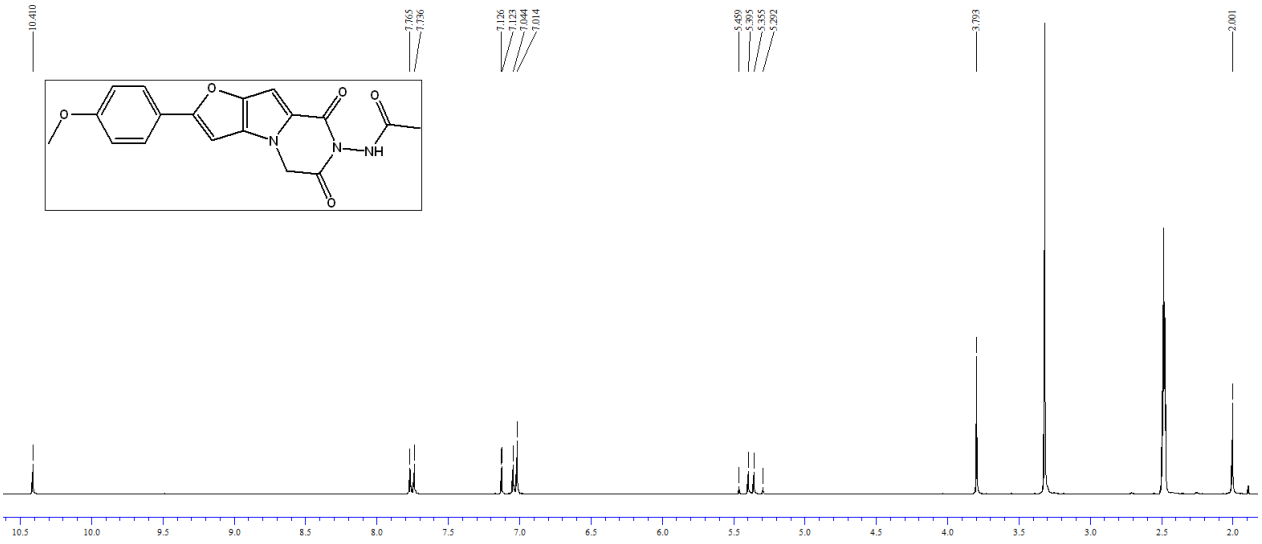

Figure S43. ^{1}H NMR (300 MHz, DMSO-d_6) of compound **10b**

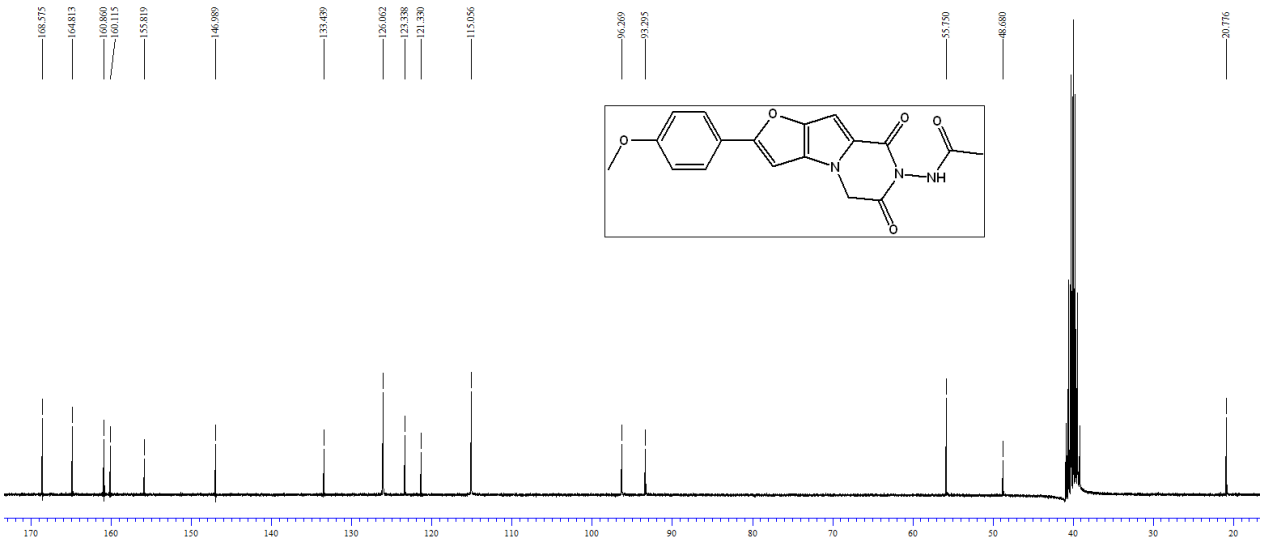

Figure S44. ^{13}C NMR spectrum (75 MHz, DMSO-d_6) of compound **10b**

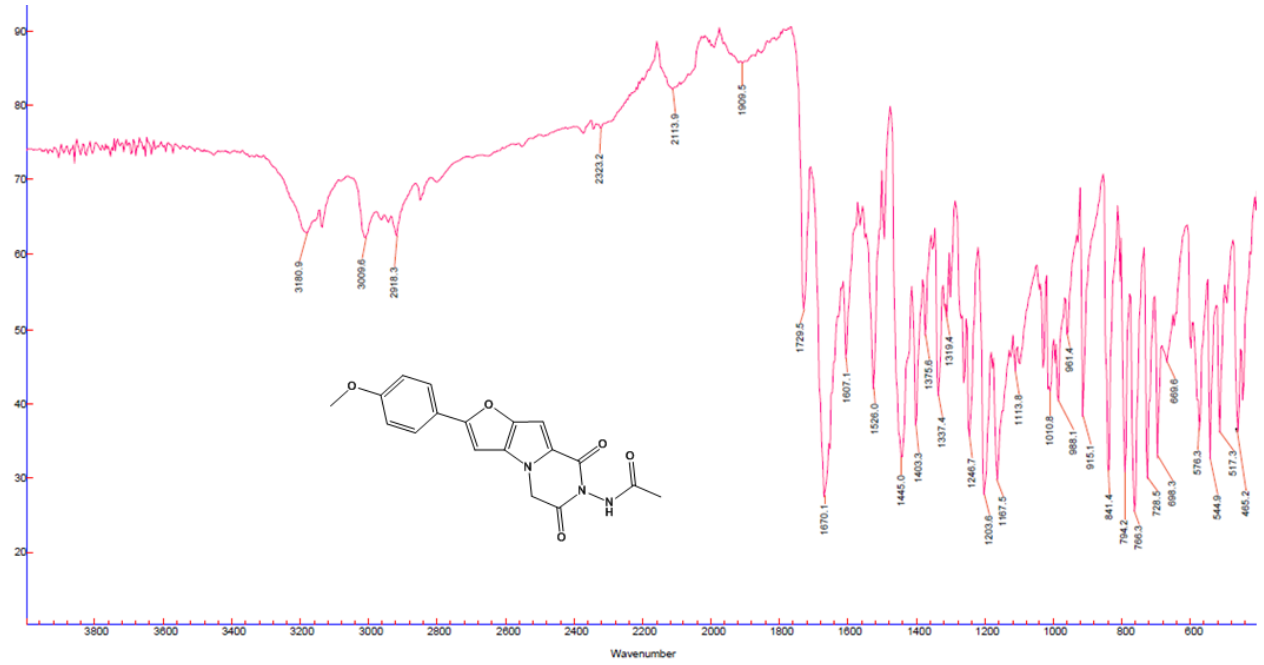

Figure S45. FTIR (ATR) spectrum of compound **10b**

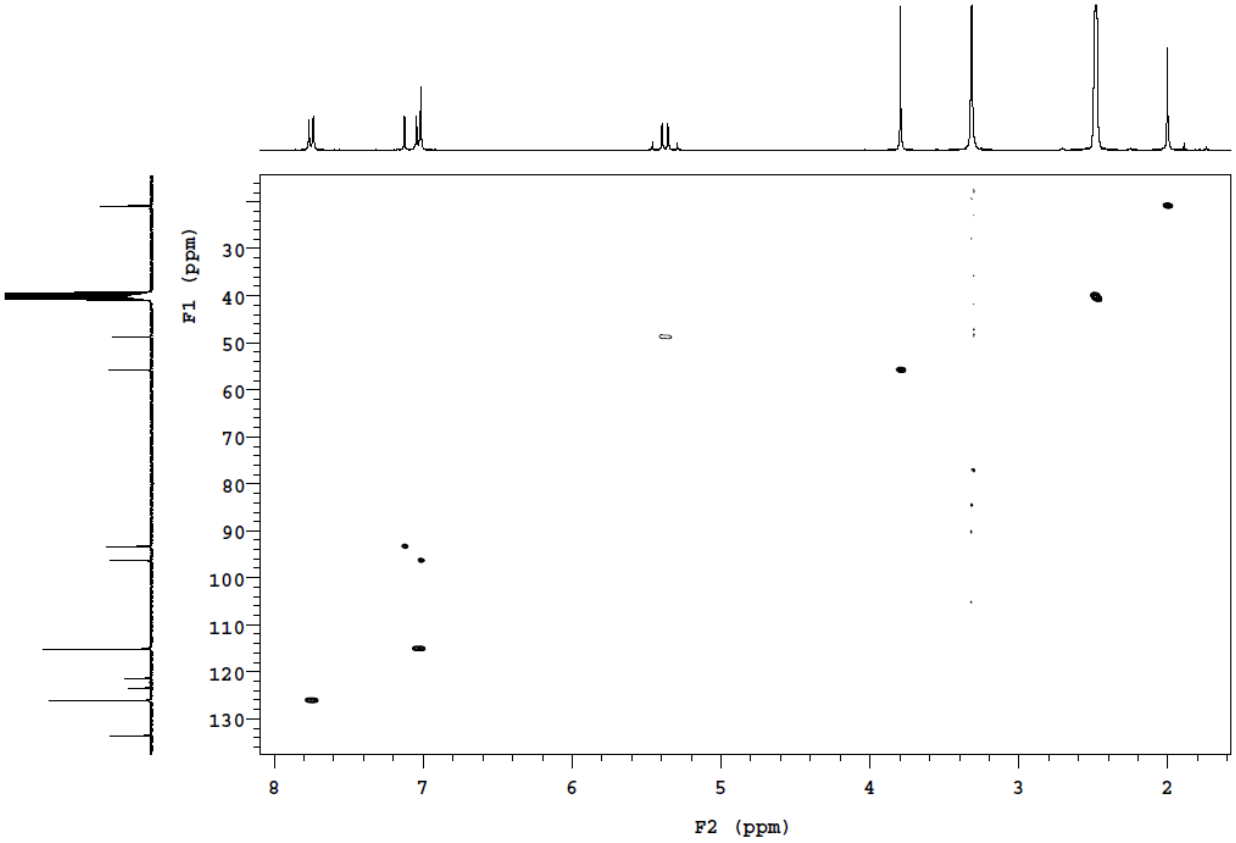

Figure S46. HSQC spectrum (DMSO-d6) of compound **10b**

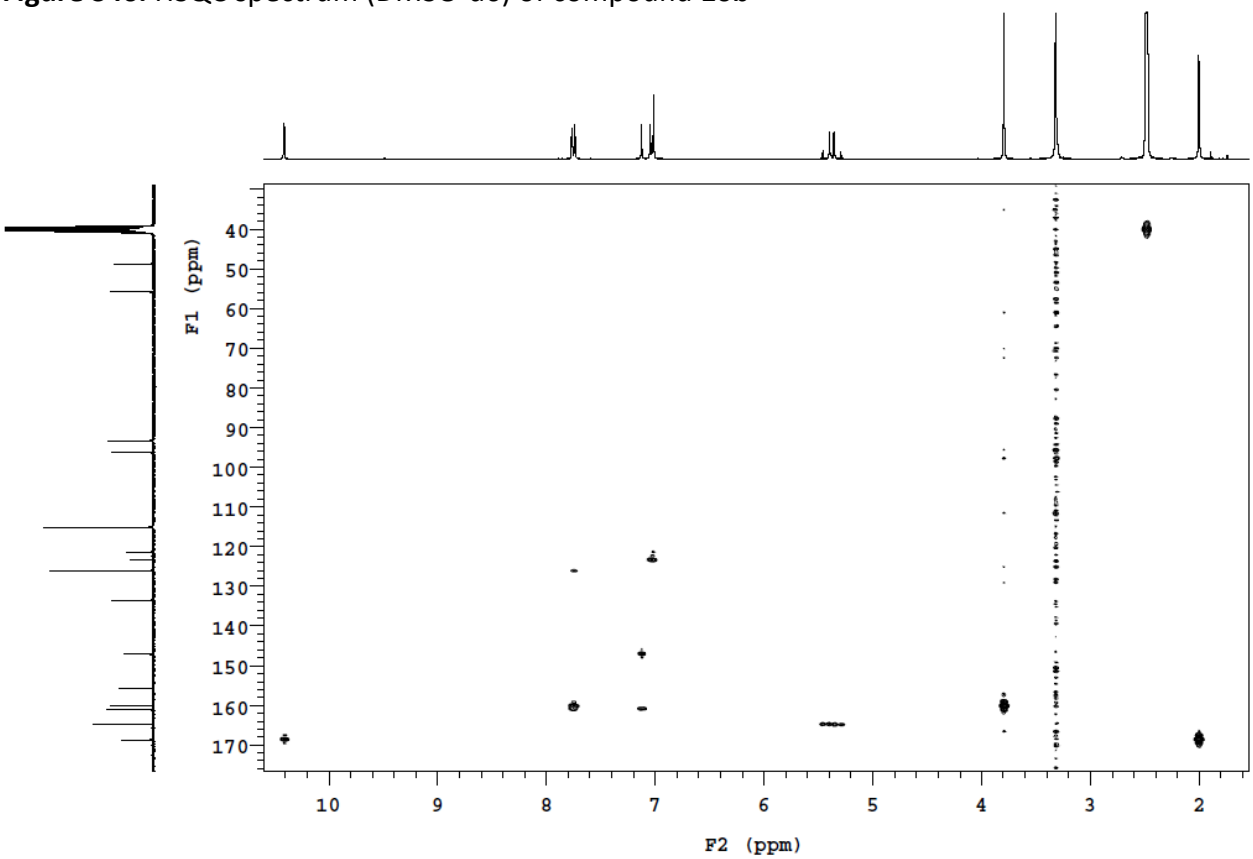

Figure S47. HMBC spectrum (DMSO-d6) of compound **10b**

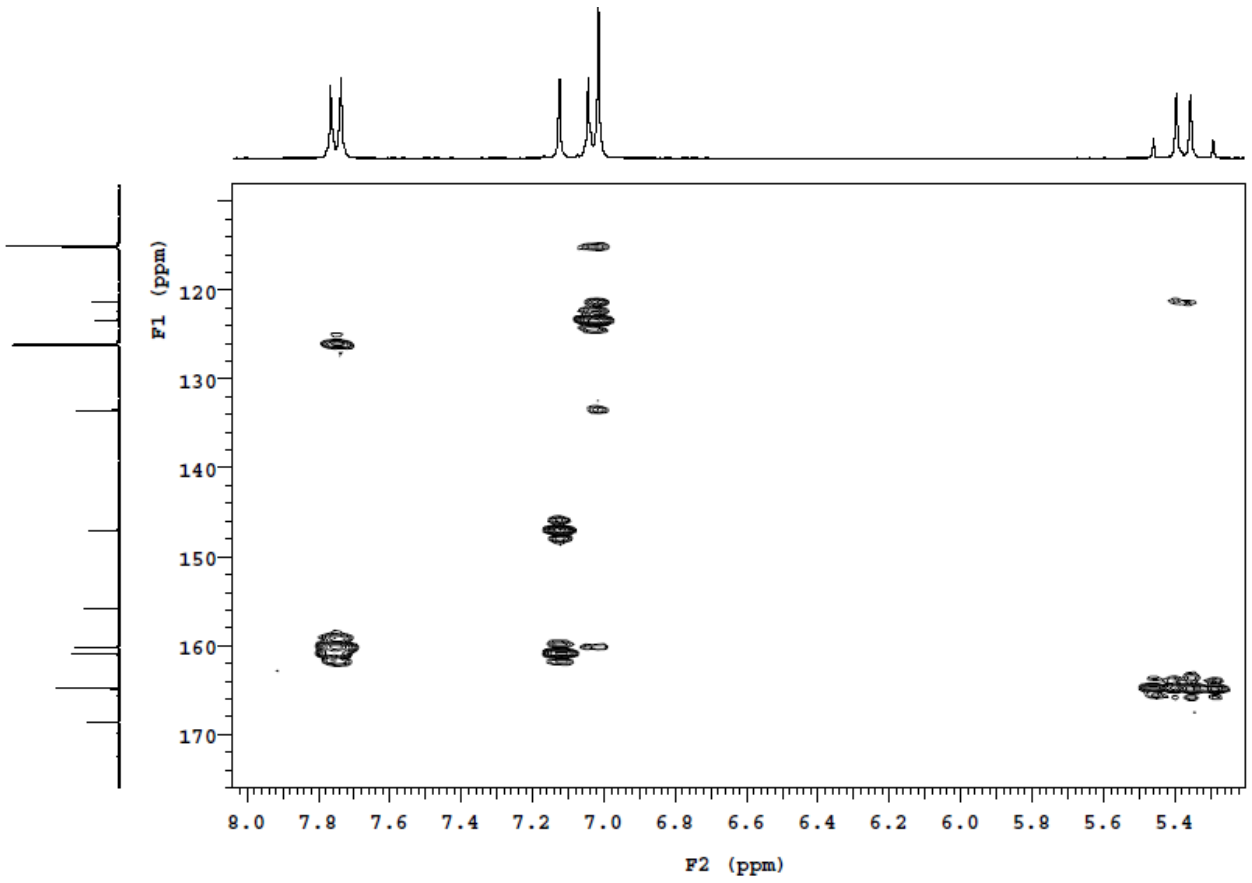

Figure S48. HMBC spectrum (DMSO-d_6) of compound **10b**

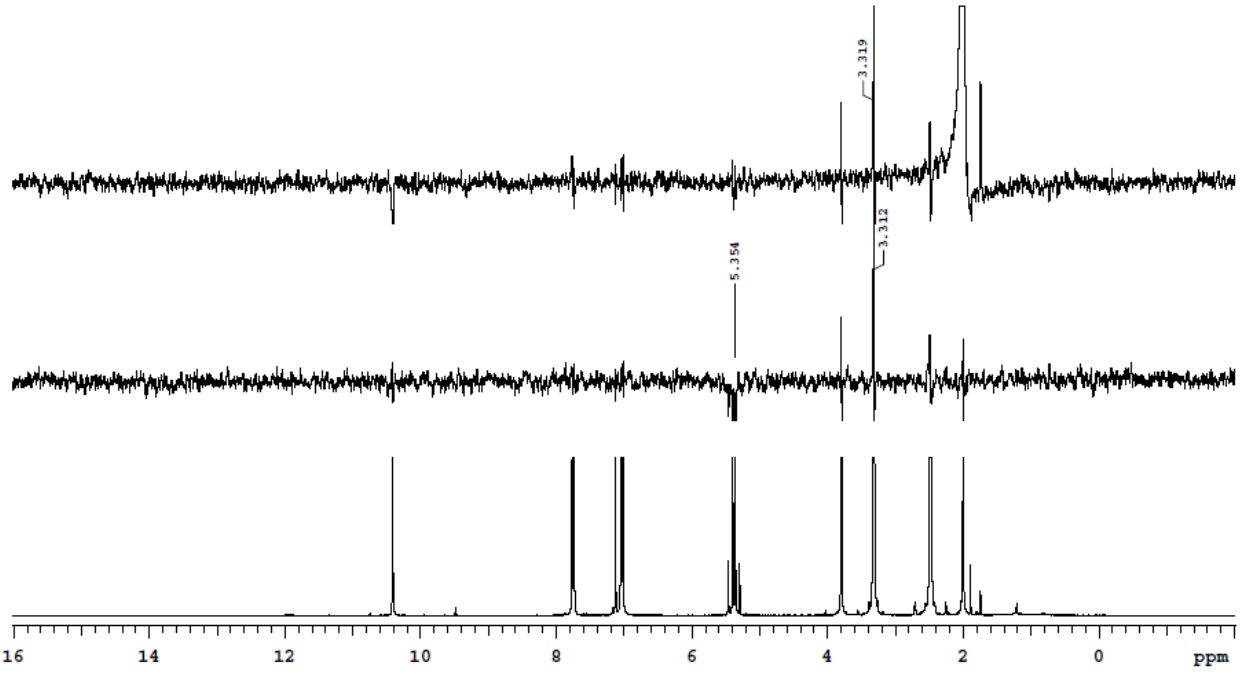

Figure S49. NOESY1D spectrum (DMSO-d_6) of compound **10b**