

Figure S1. ^{13}C NMR spectrum of [1,2,5]selenadiazolo[3,4-*b*]pyrazine **4** (DMSO-d₆).

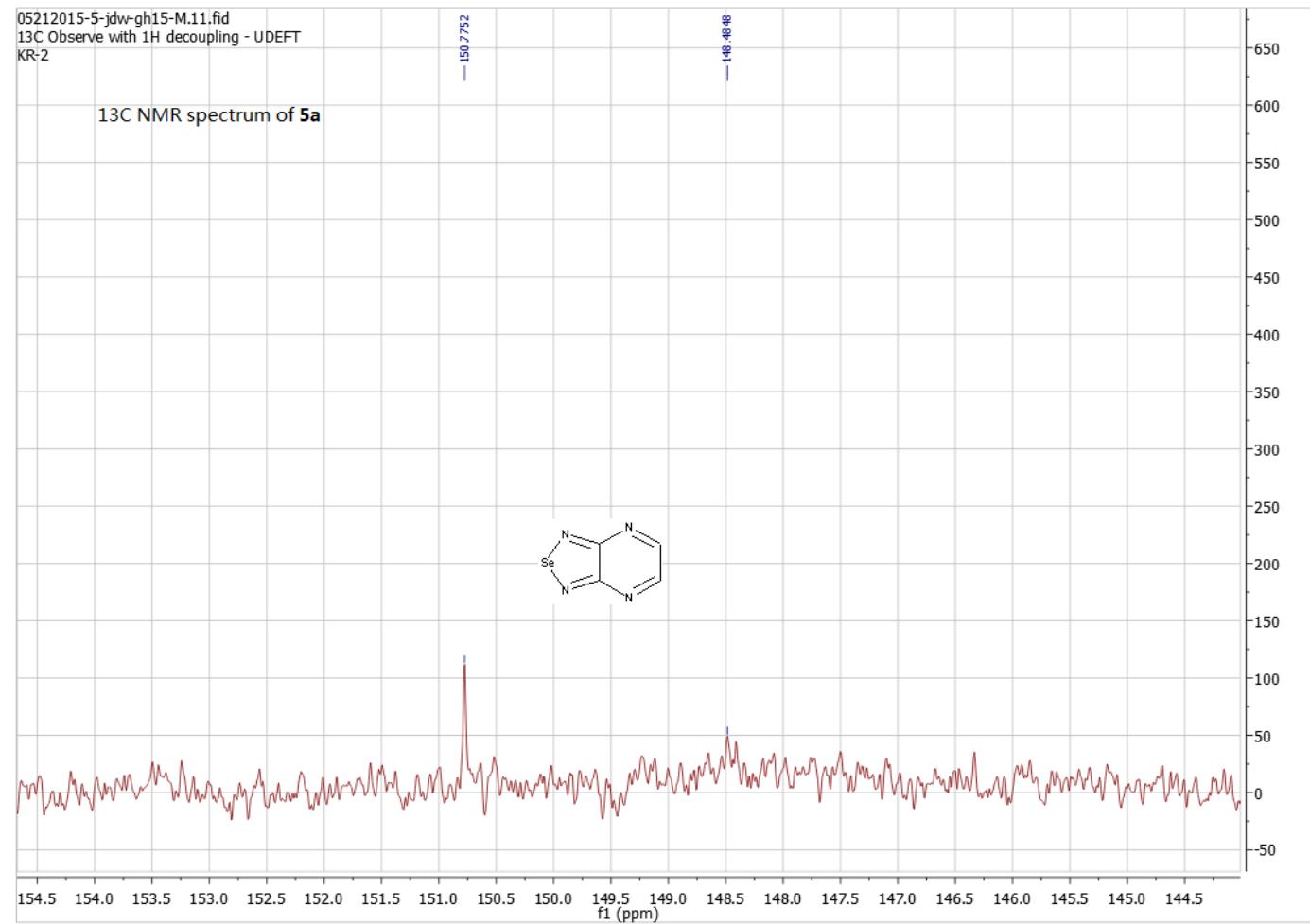


Figure S2. ^1H NMR spectrum of 5-phenyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5a** (DMSO-d₆).

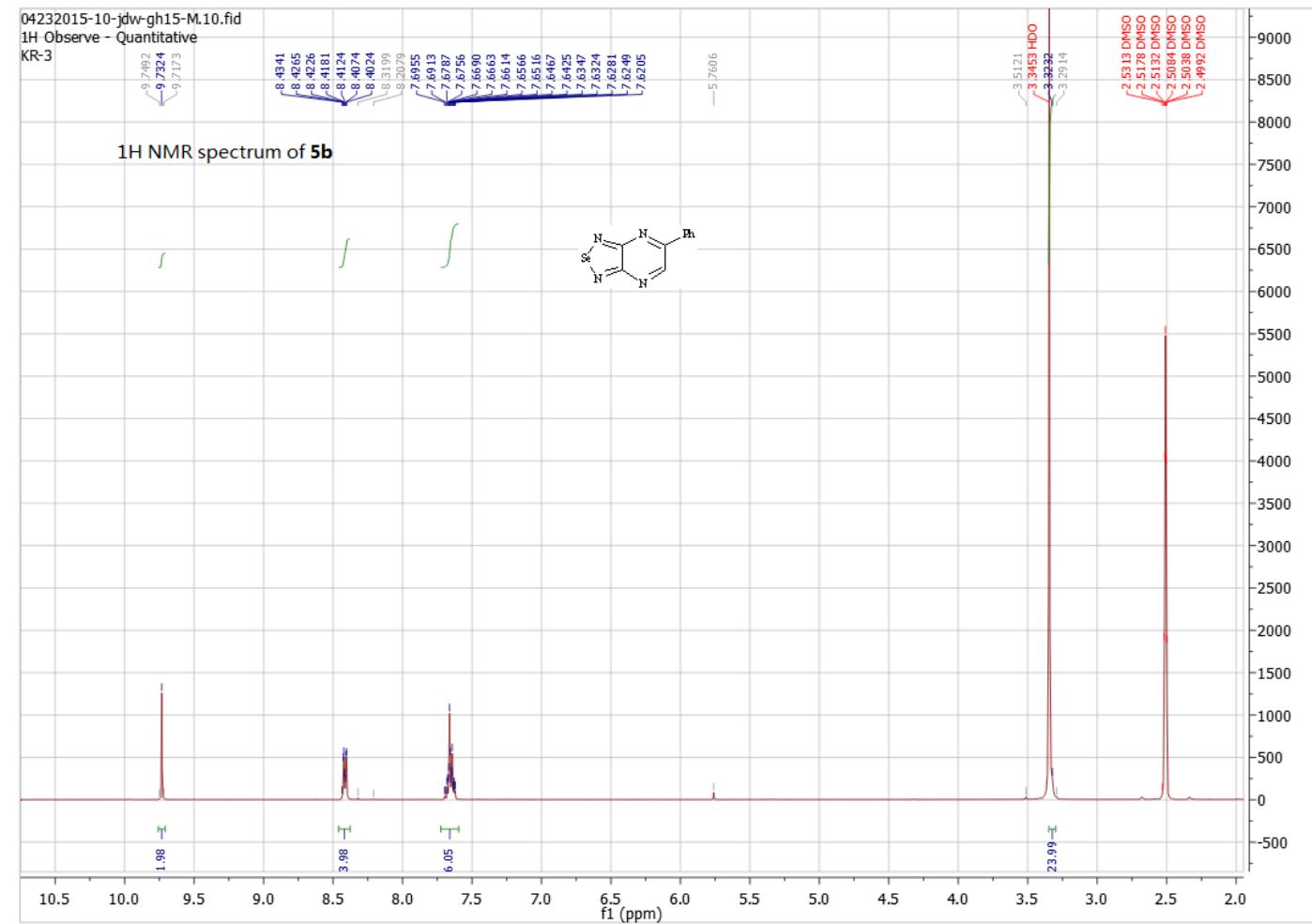


Figure S3. ^{13}C NMR spectrum of 5-phenyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5a** (DMSO-d₆).

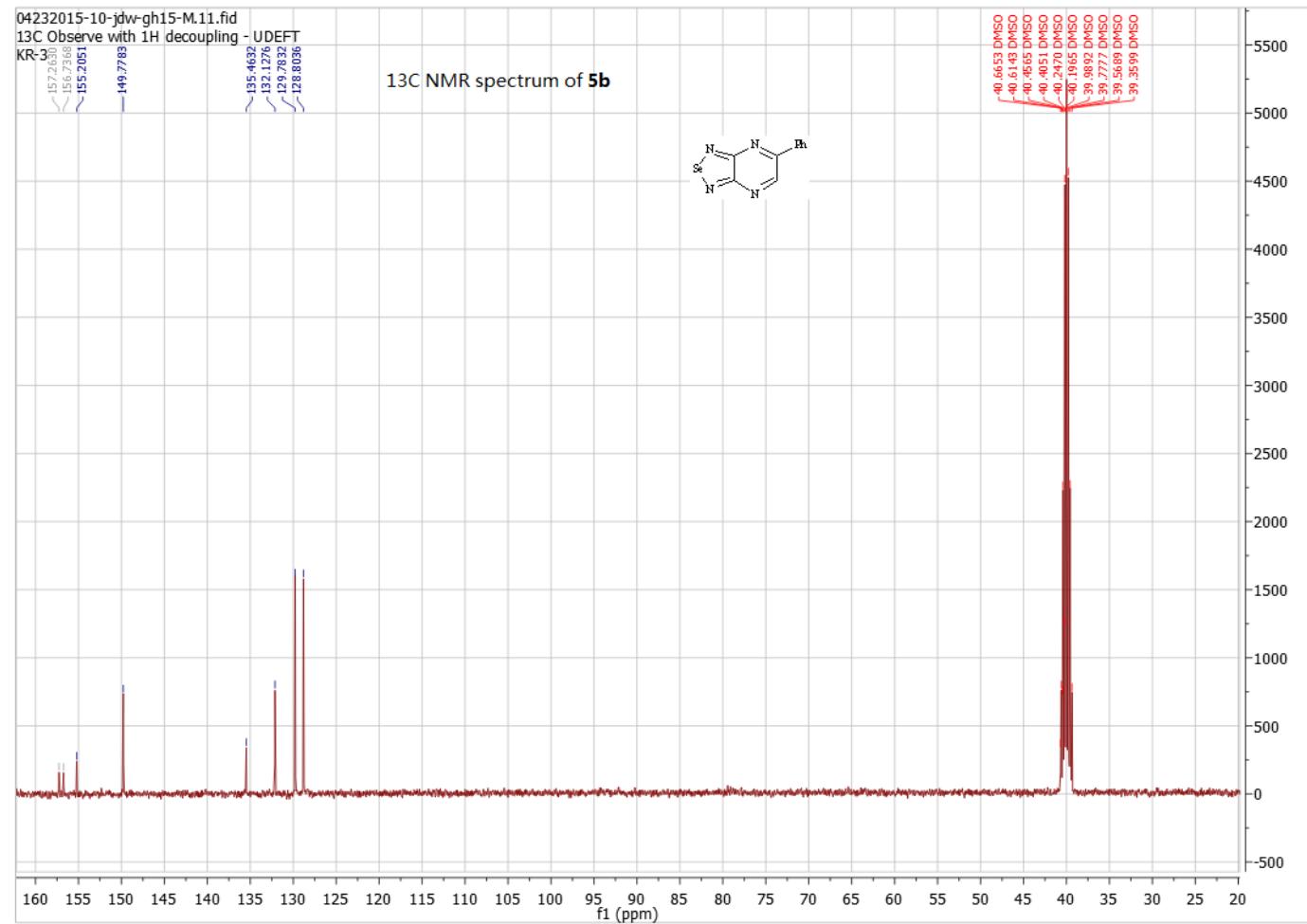


Figure S4. ^{77}Se NMR spectrum of 5-phenyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5a** (DMSO-d₆).

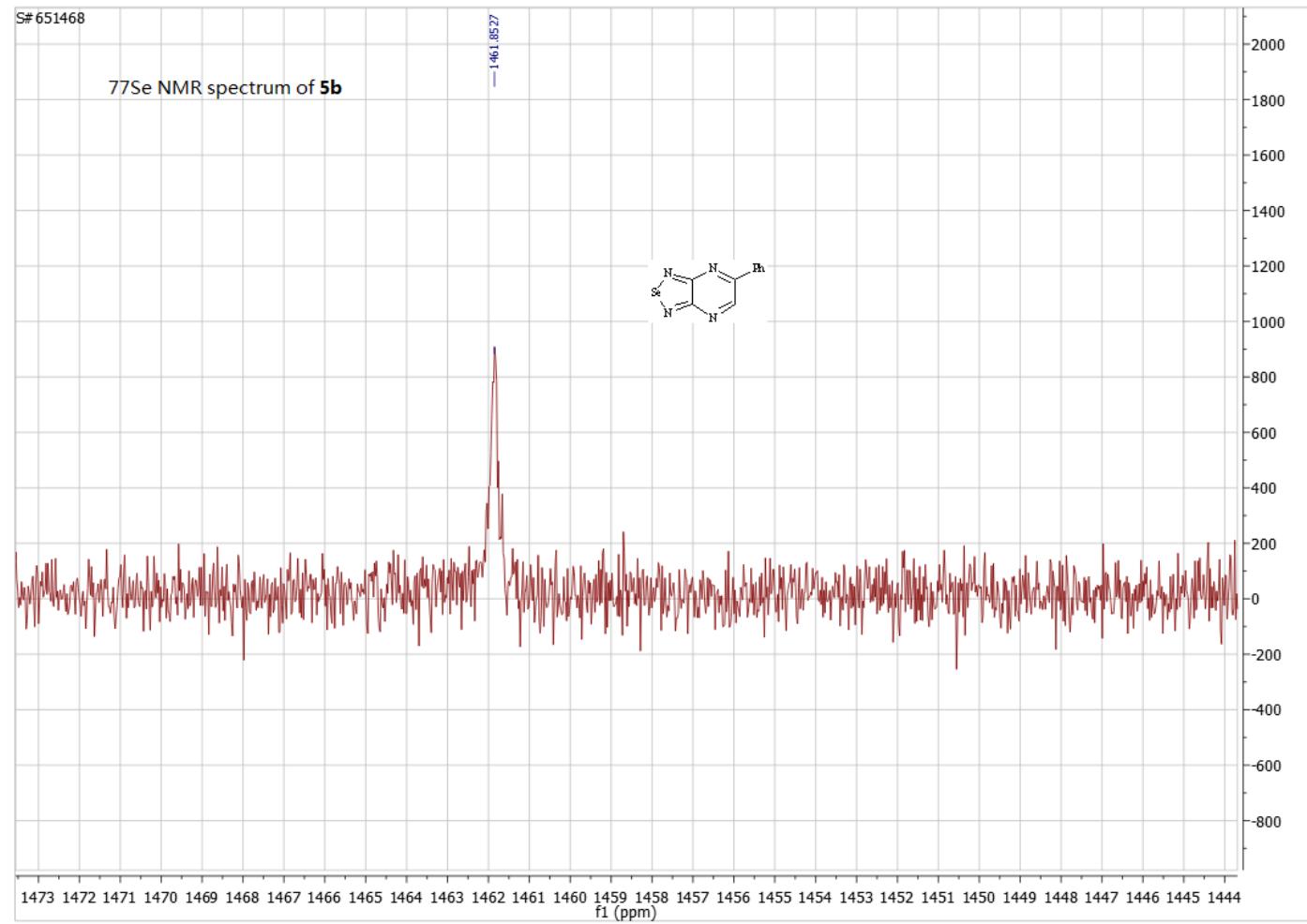


Figure S5. ^1H NMR spectrum of 9*H*-inden[1,2-*e*][1,2,5]selenadiazolo[3,4-*b*]pyrazin-9-one **5b** (DMSO-d₆).

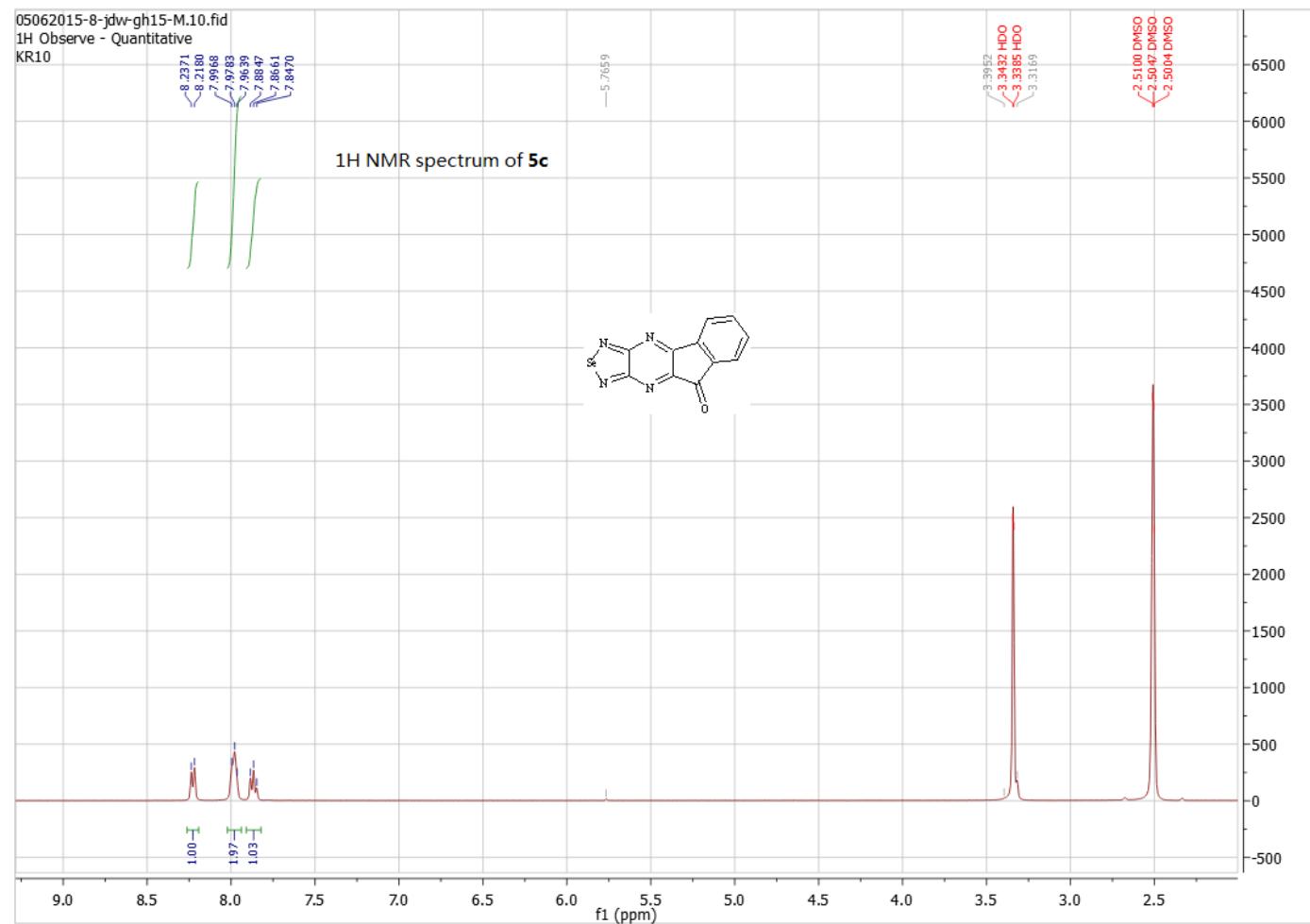


Figure S6. 9*H*-inden[1,2-*e*][1,2,5]selenadiazolo[3,4-*b*]pyrazin-9-one **5b** (DMSO-d₆).

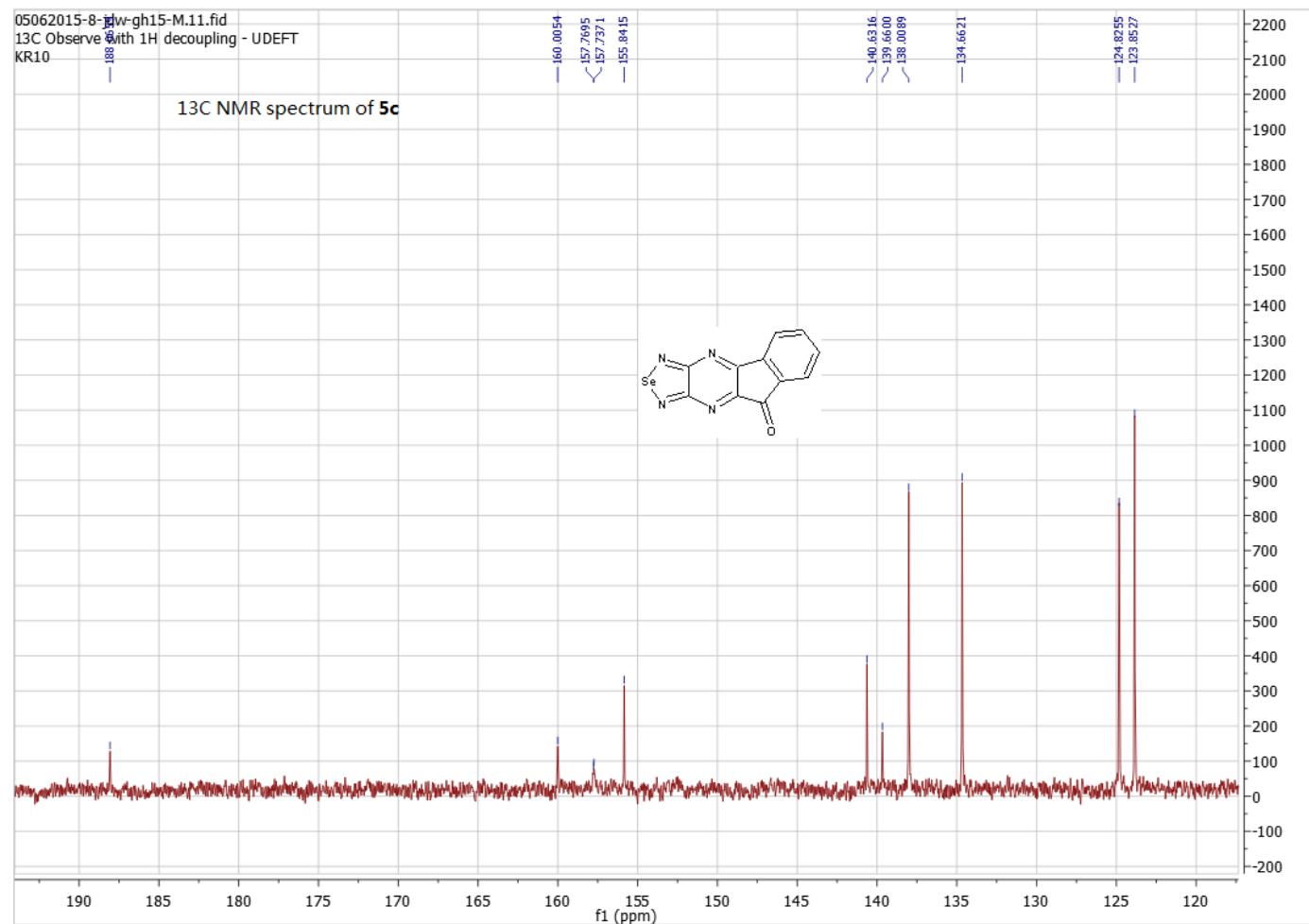


Figure S7. ^{77}Se NMR spectrum of 9*H*-inden[1,2-*e*][1,2,5]selenadiazolo[3,4-*b*]pyrazin-9-one **5b** (DMSO-d₆).

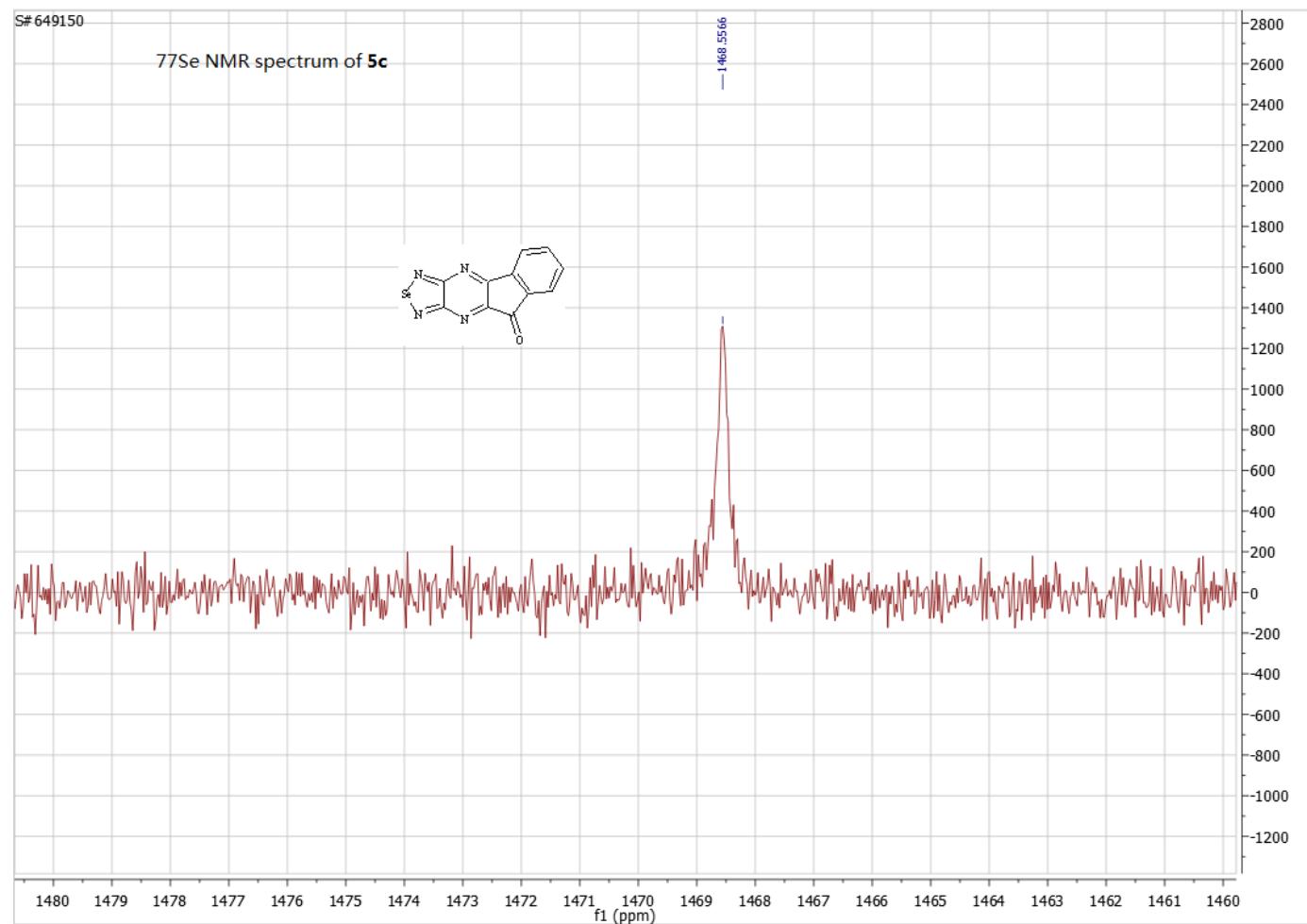


Figure S8. ^1H NMR spectrum of 5,6-diphenyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5c** (DMSO- d_6).

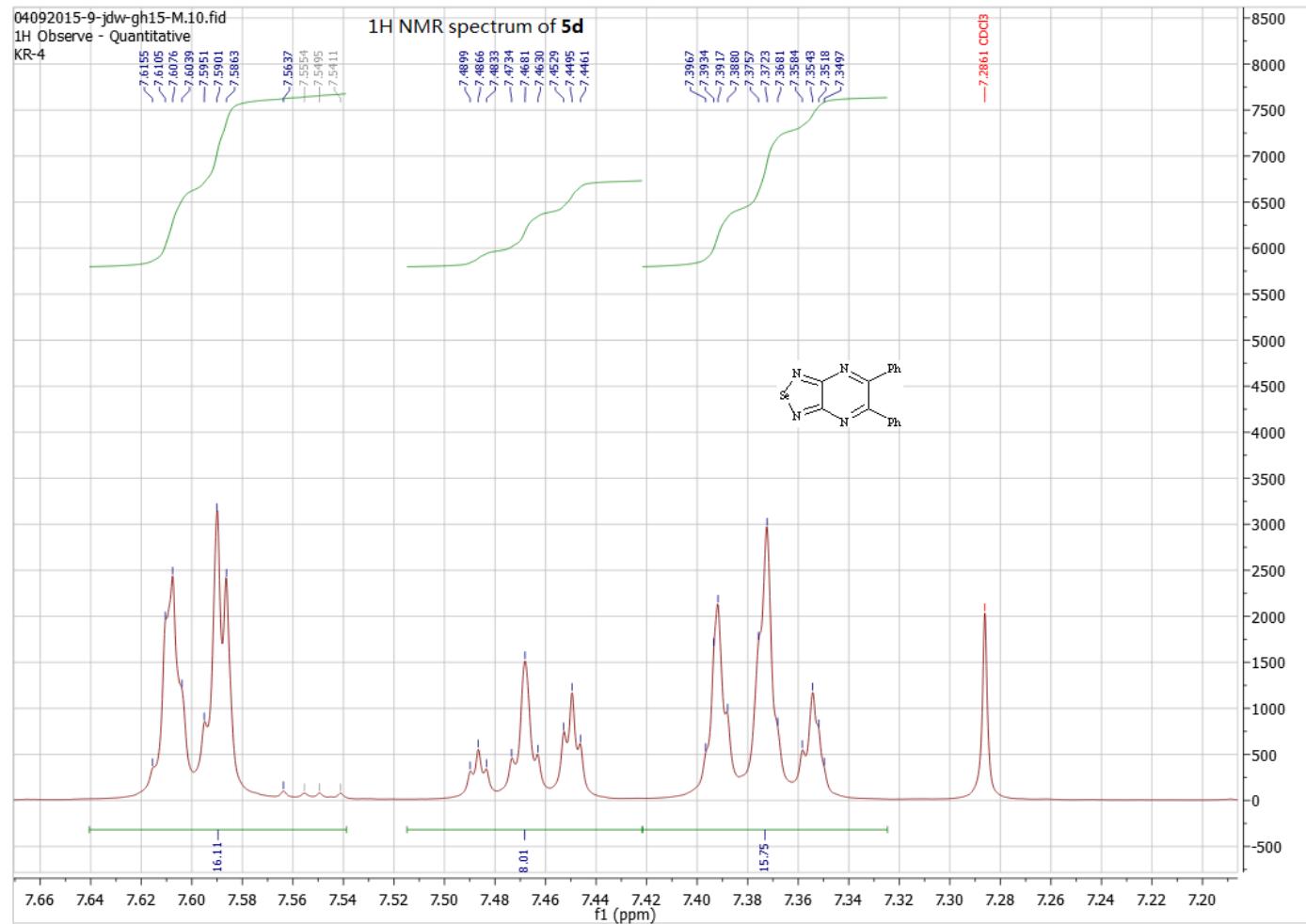


Figure S9. ^{13}C NMR spectrum of 5,6-diphenyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5c** (DMSO-d₆).

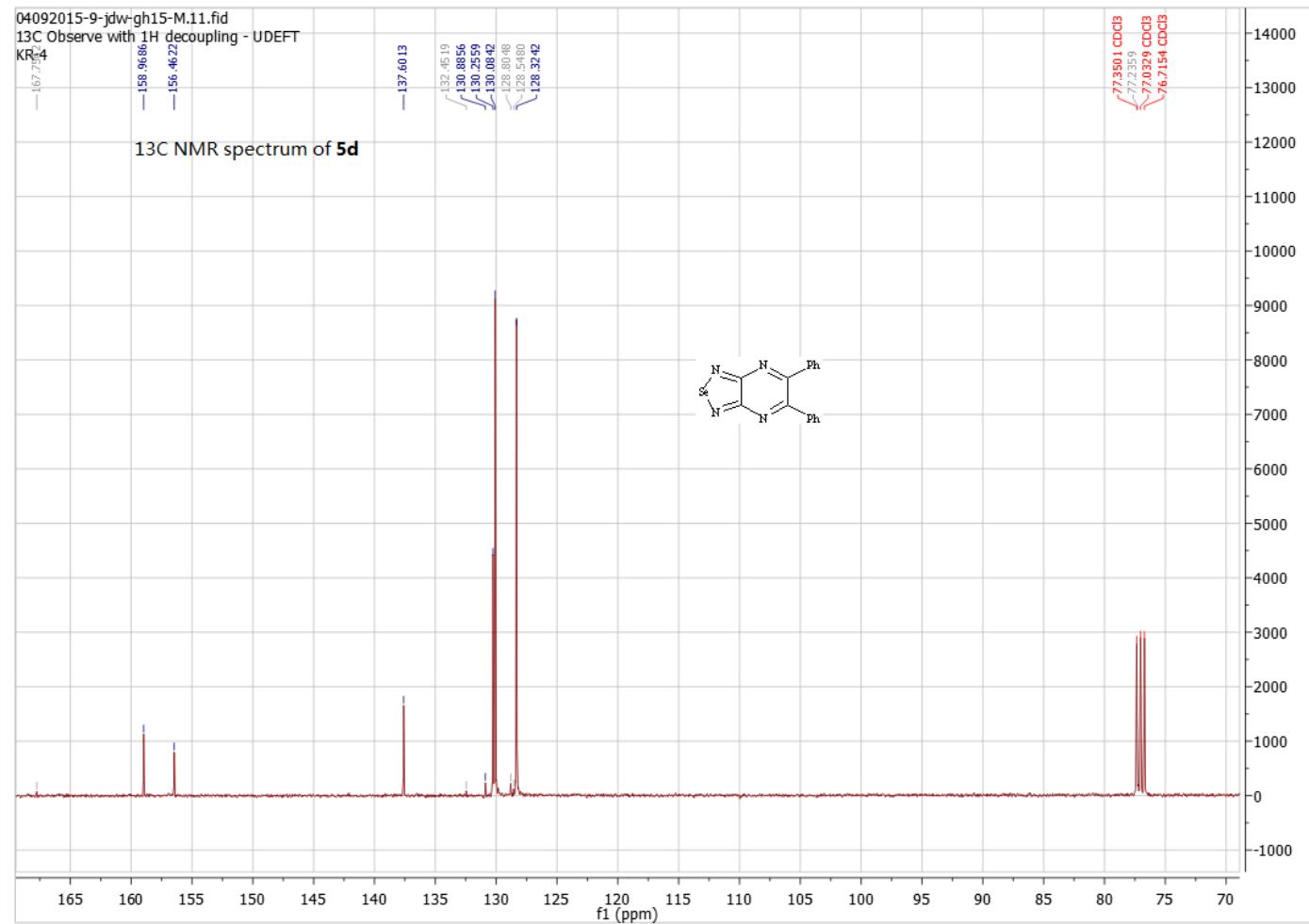


Figure S10. ^{77}Se NMR spectrum of 5,6-diphenyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5c** (DMSO-d₆).

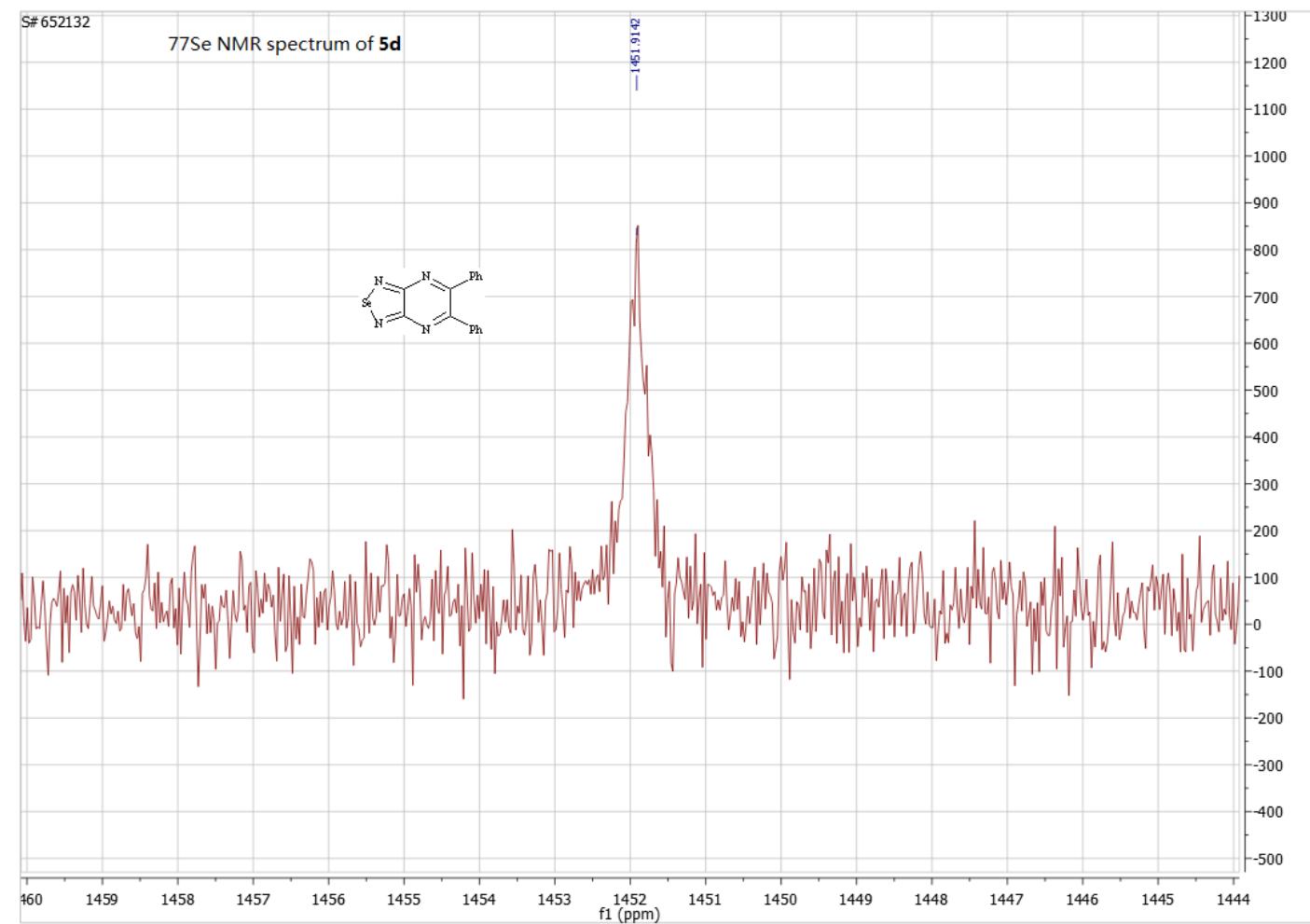


Figure S10. ^{77}Se NMR spectrum of acenaphtho[1,2-*e*][1,2,5]selenadiazolo[3,4-*b*]pyrazine **5e** (solid state).

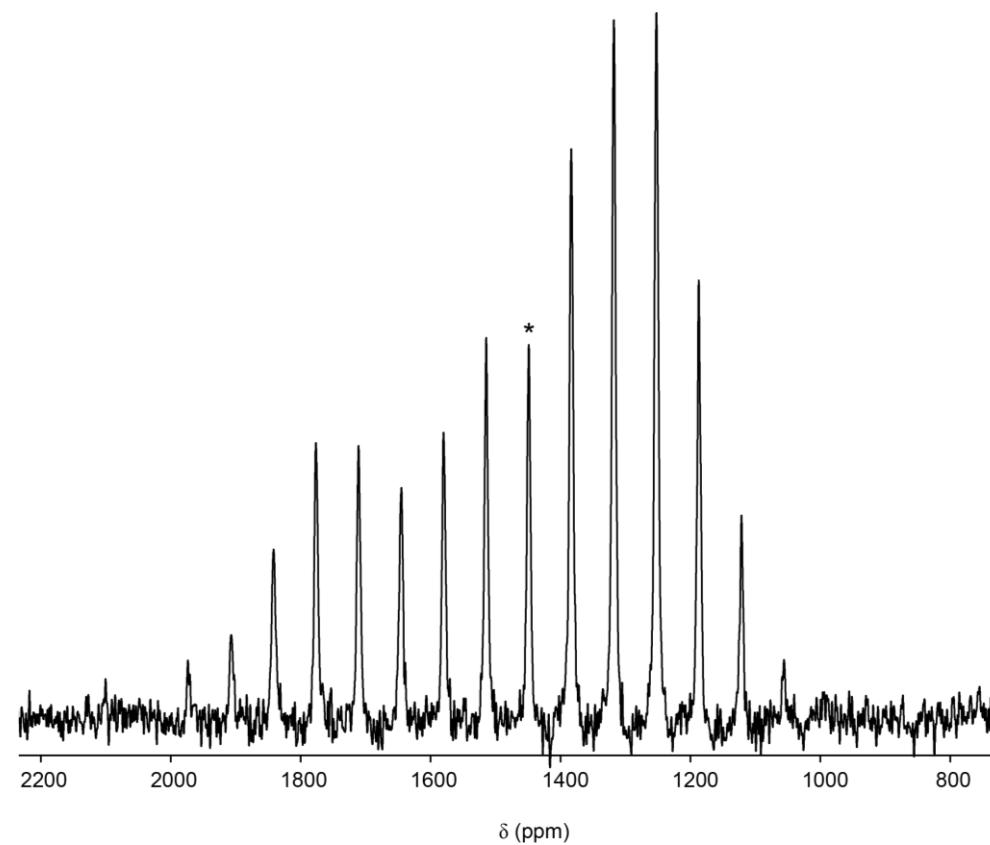


Figure S11. ^1H NMR spectrum of 5-methyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5f** (DMSO-d₆).

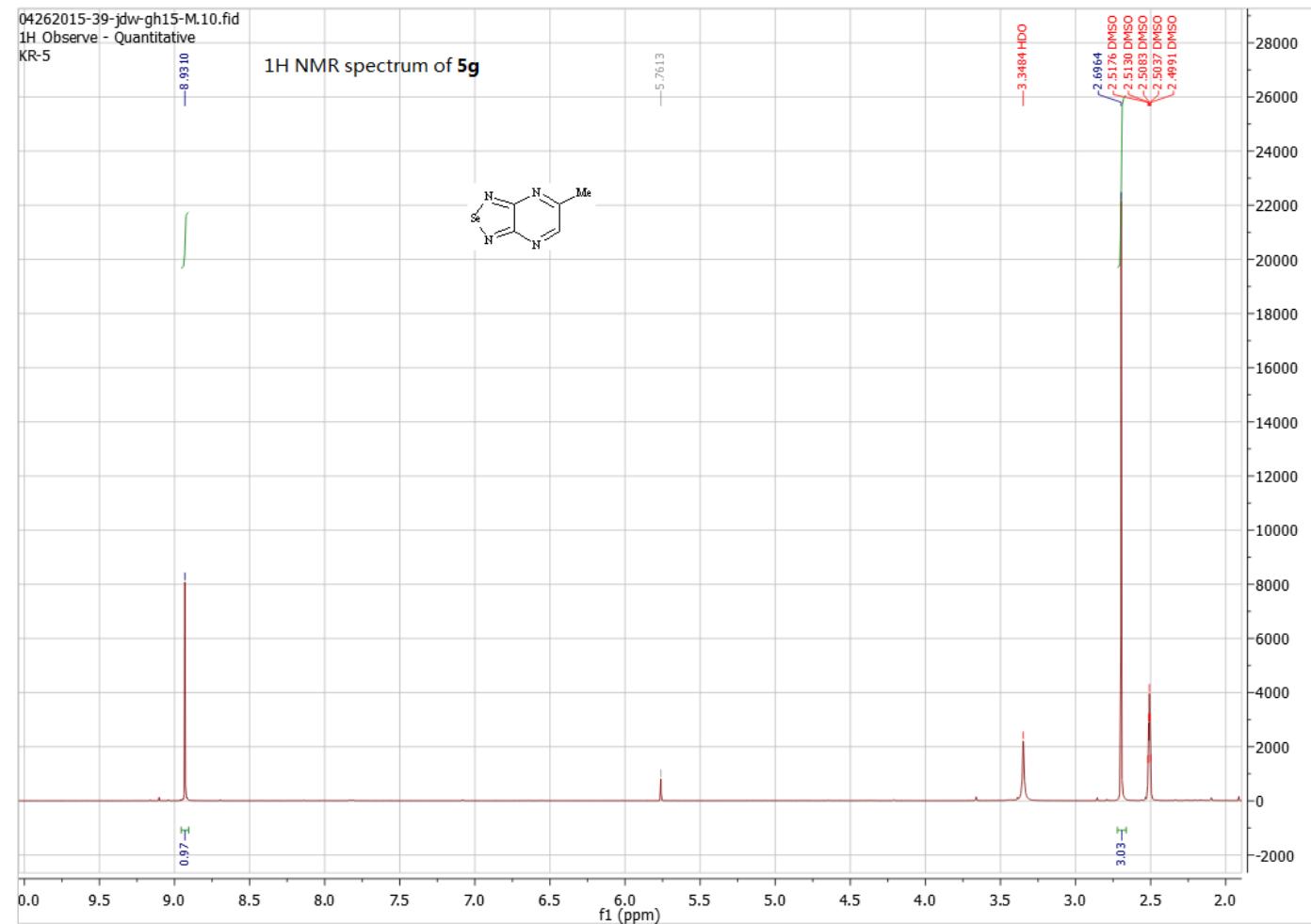


Figure S12. ^{13}C NMR spectrum of 5-methyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5f** (DMSO-d₆).

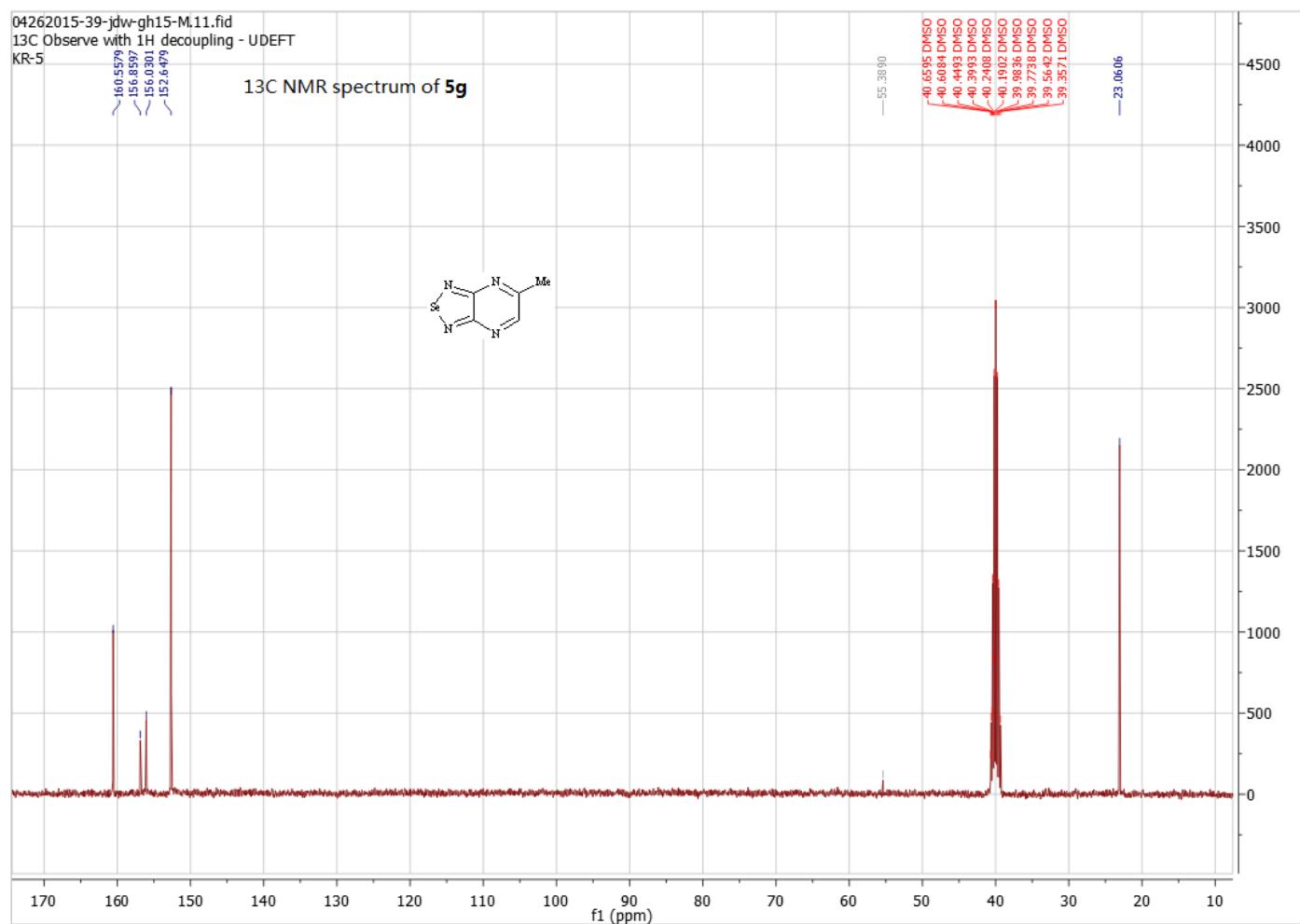


Figure S13. ^{77}Se NMR spectrum of 5-methyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5f** (DMSO-d₆).

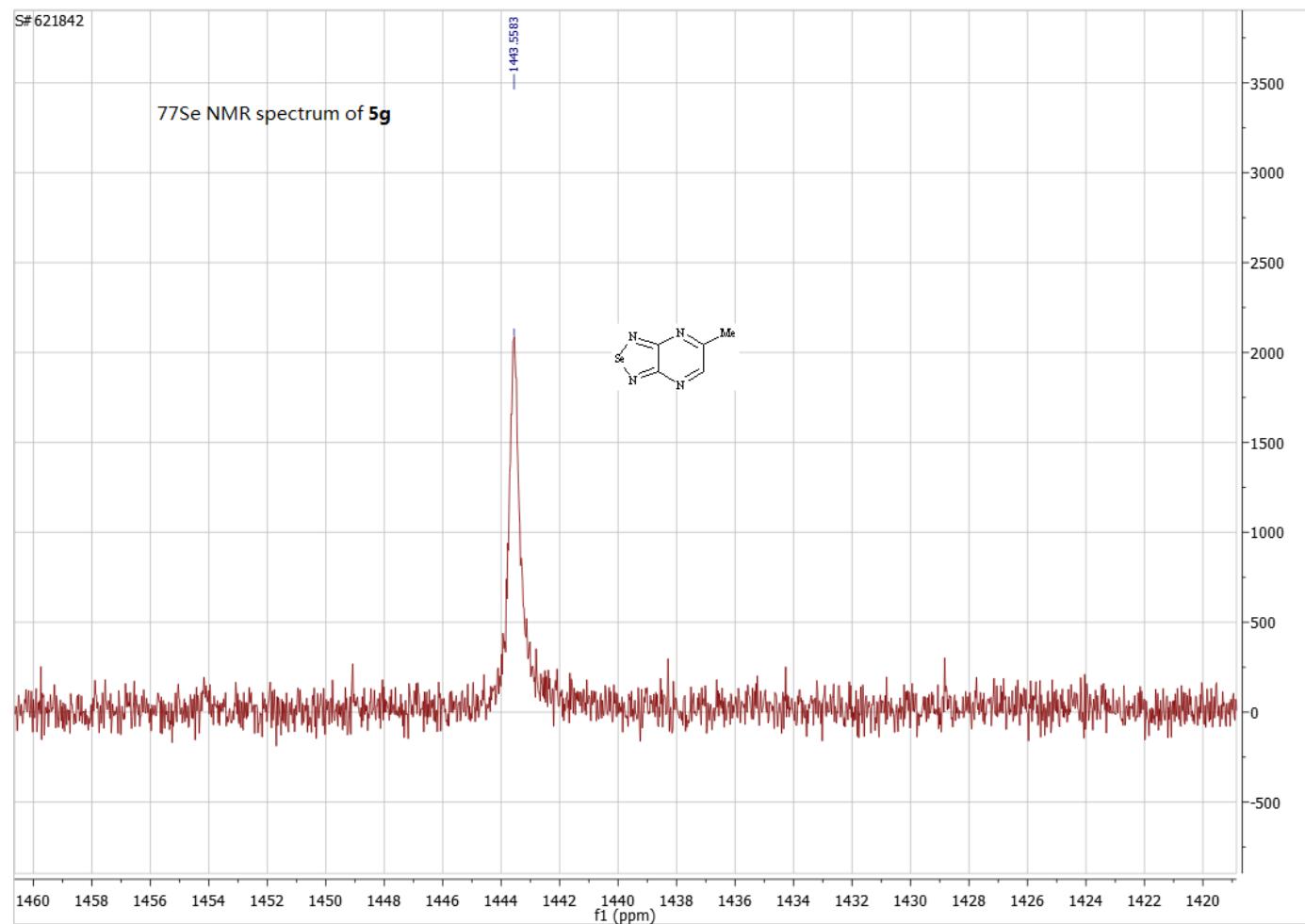


Figure S14. ^1H NMR spectrum of 5,6-dimethyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5g** (CDCl_3).

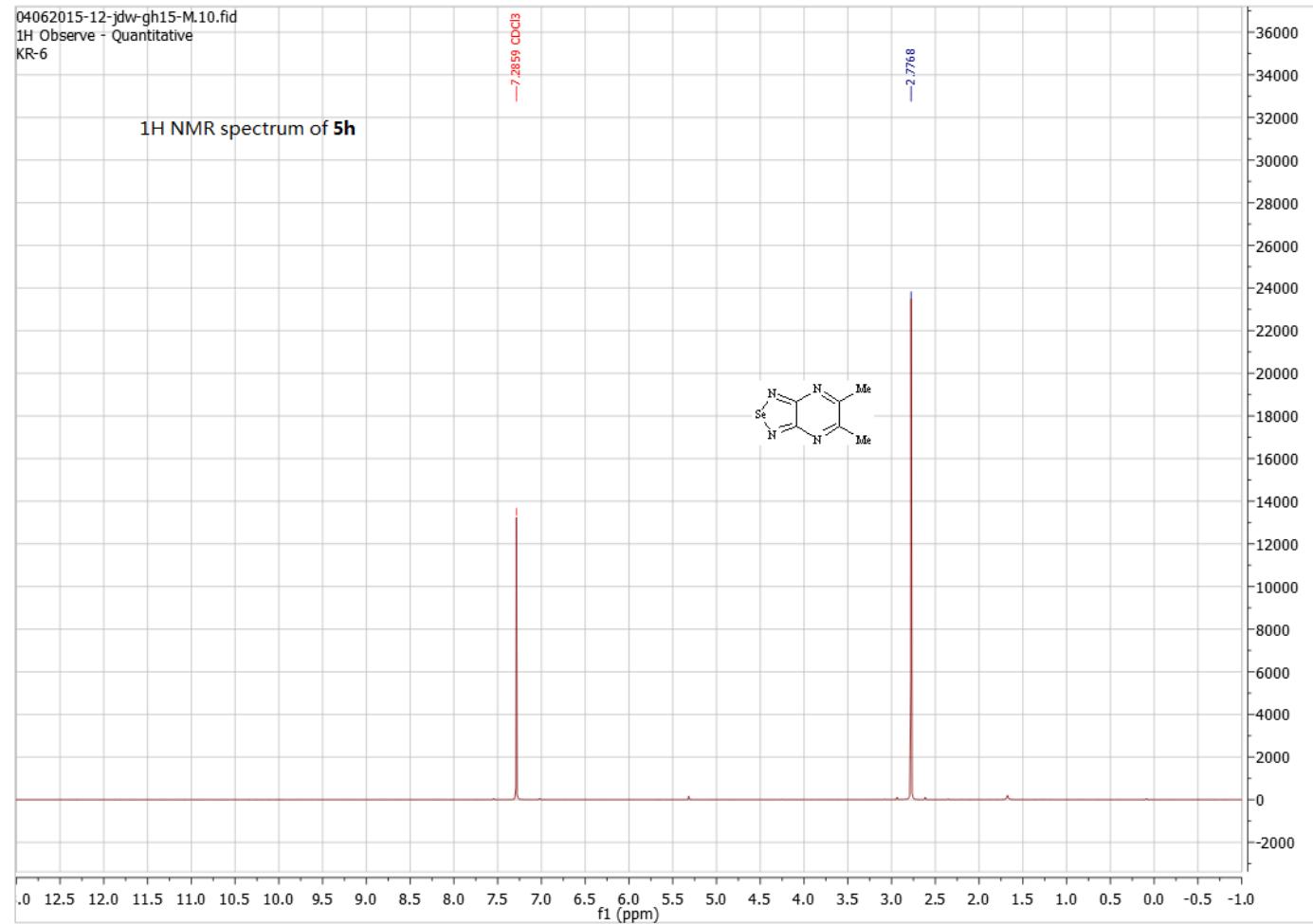


Figure S15. ^{13}C NMR spectrum of 5,6-dimethyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5g** (CDCl_3).

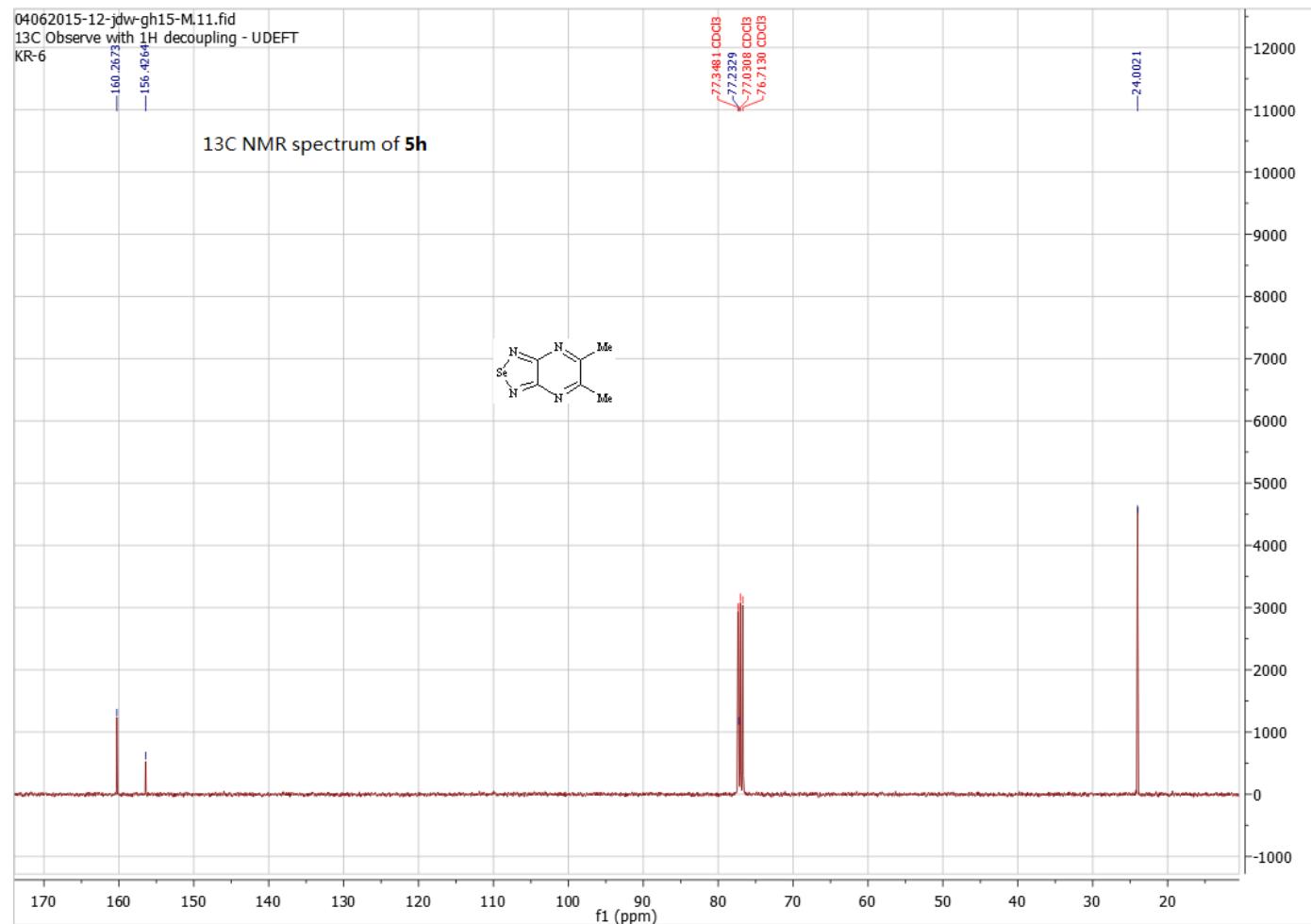


Figure S16. ^{77}Se NMR spectrum of 5,6-dimethyl[1,2,5]selenadiazolo[3,4-*b*]pyrazine **5g** (CDCl_3).

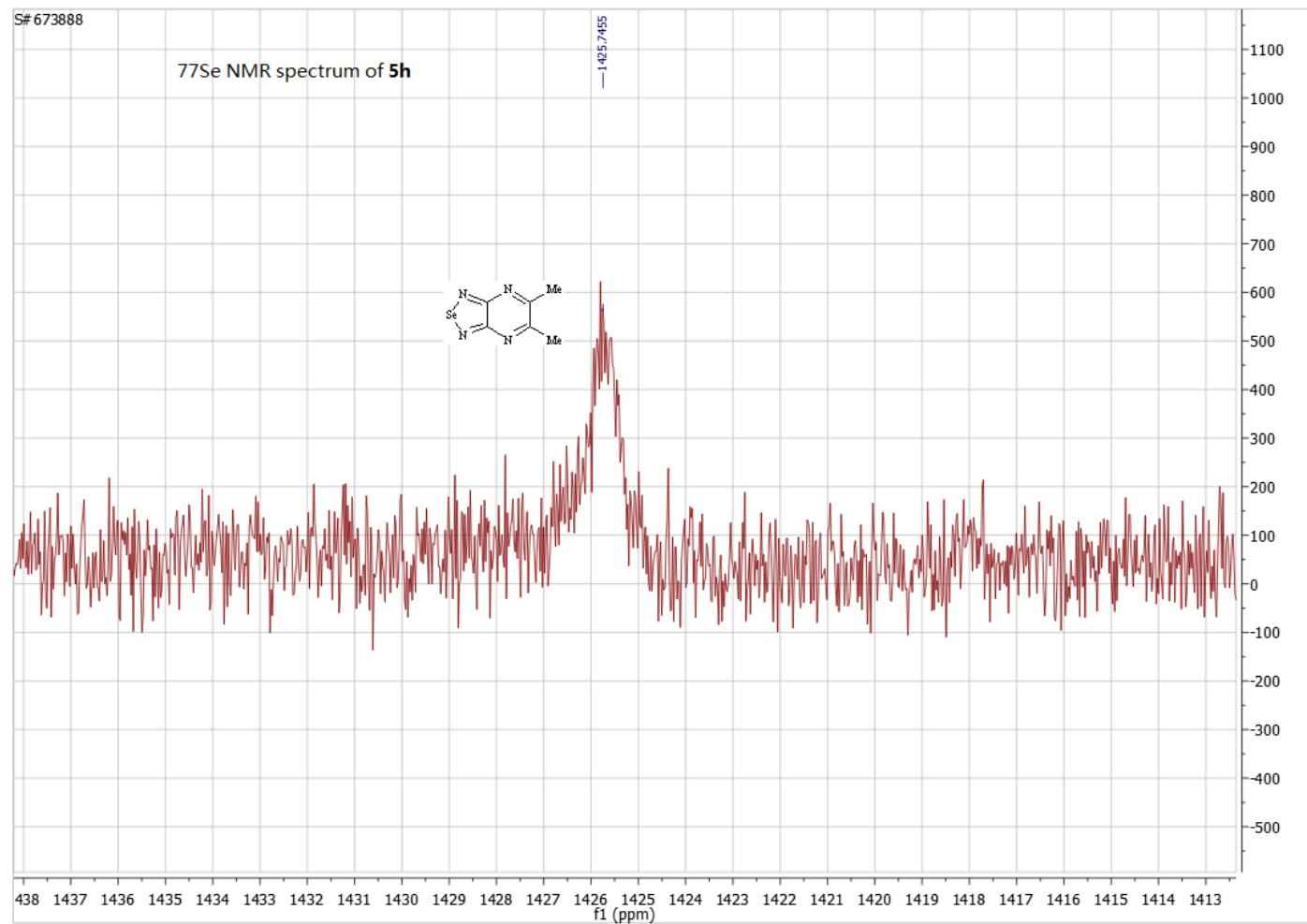


Figure S17. ^1H NMR spectrum of 3,4-diamino-1,2,5-selenadiazole **6** (DMSO- d_6).

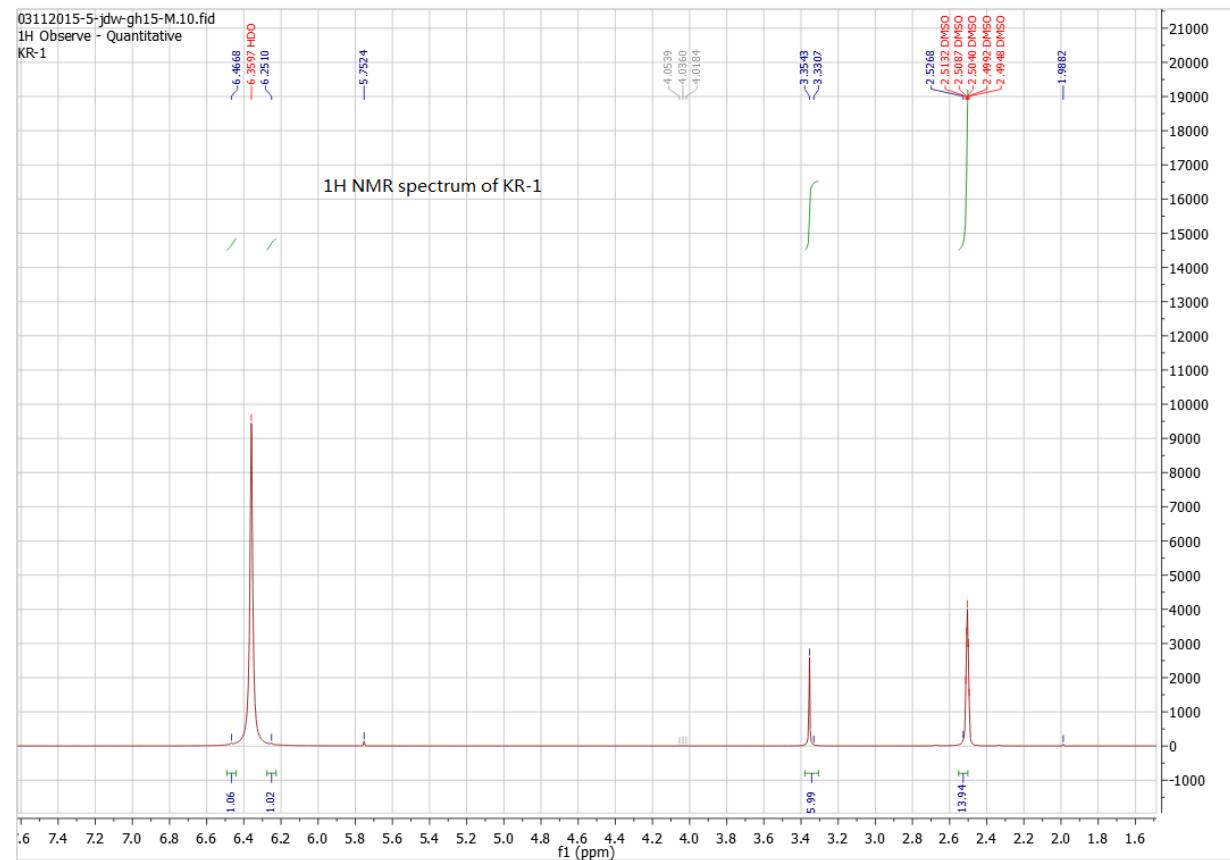


Figure S18. ^{13}C NMR spectrum of 3,4-diamino-1,2,5-selenadiazole **6** (DMSO- d_6).

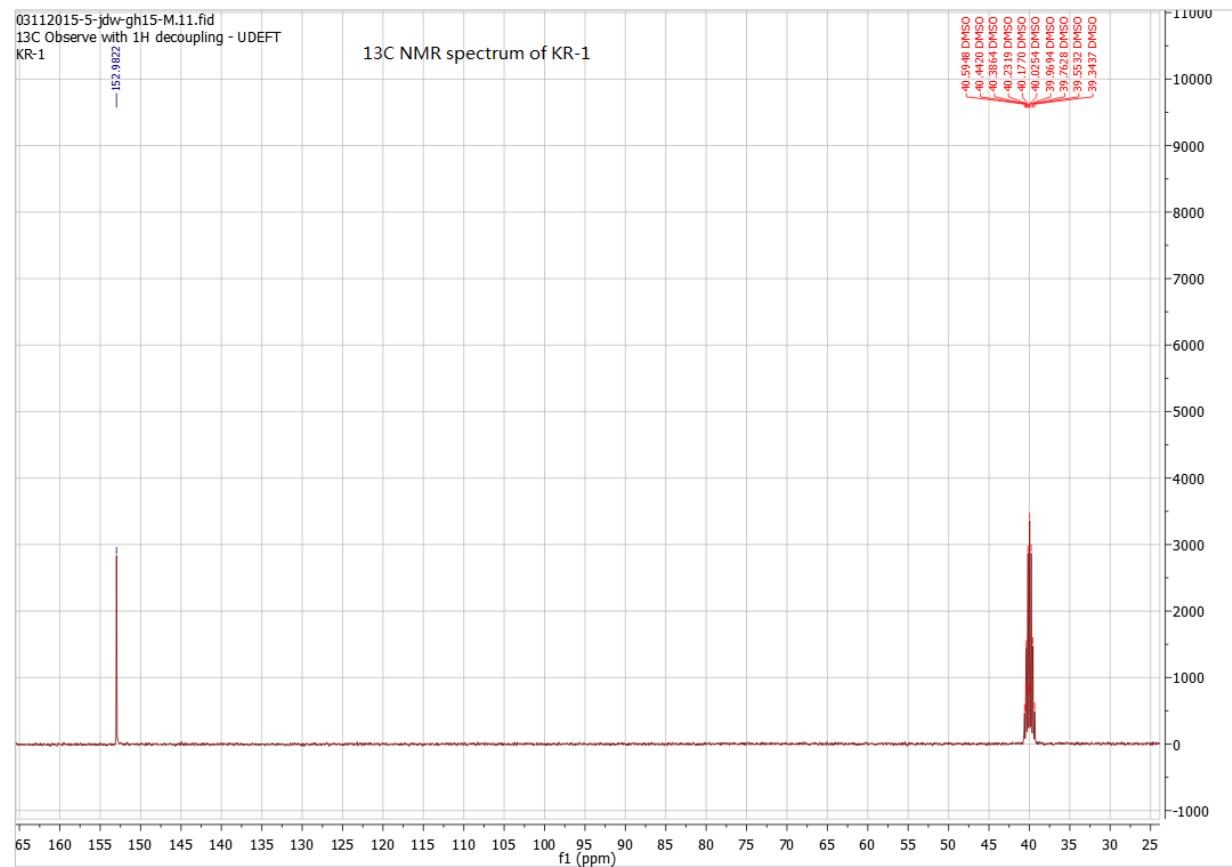


Figure S19. ^{77}Se NMR spectrum of 3,4-diamino-1,2,5-selenadiazole **6** (DMSO-d₆).

