Ferrabenzene Formation and Other Outcomes in the Base-Driven Reaction of Diiron m-Vinyliminium Complexes with Ethyl Diazoacetate

Supporting Information

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Figure S1. IR spectrum (CH_2Cl_2 solution) of **2e**.

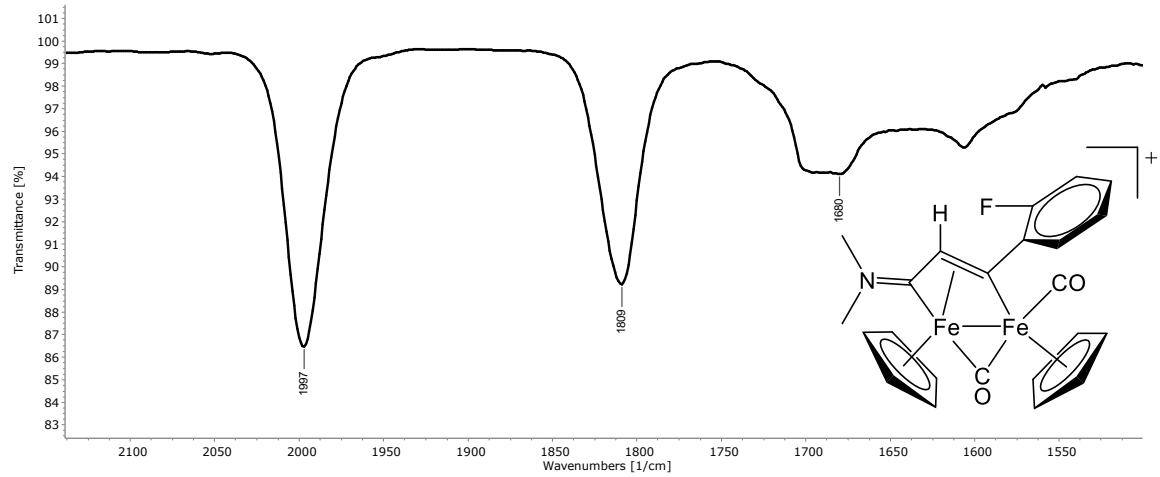

Figure S2. IR spectrum (CH_2Cl_2 solution) of **3c** + **5c**.

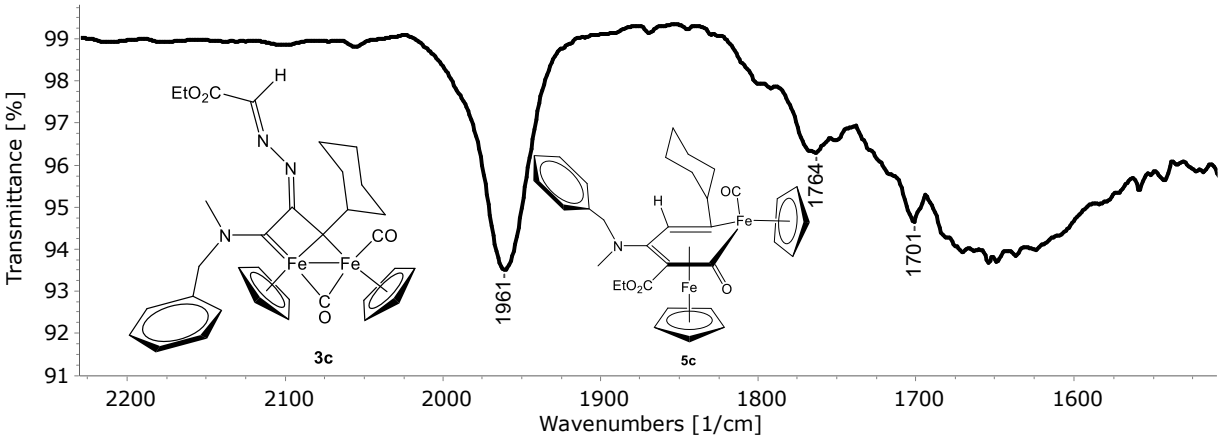

Figure S3. IR spectrum (CH_2Cl_2 solution) of **3d**.

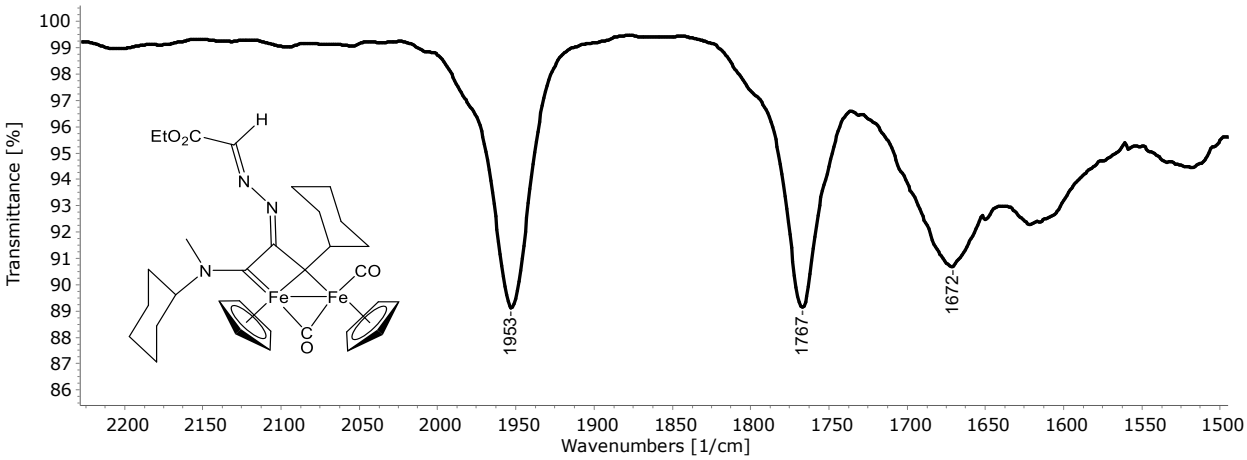

Figure S4. IR spectrum (CH_2Cl_2 solution) of **4e** + **6e**.

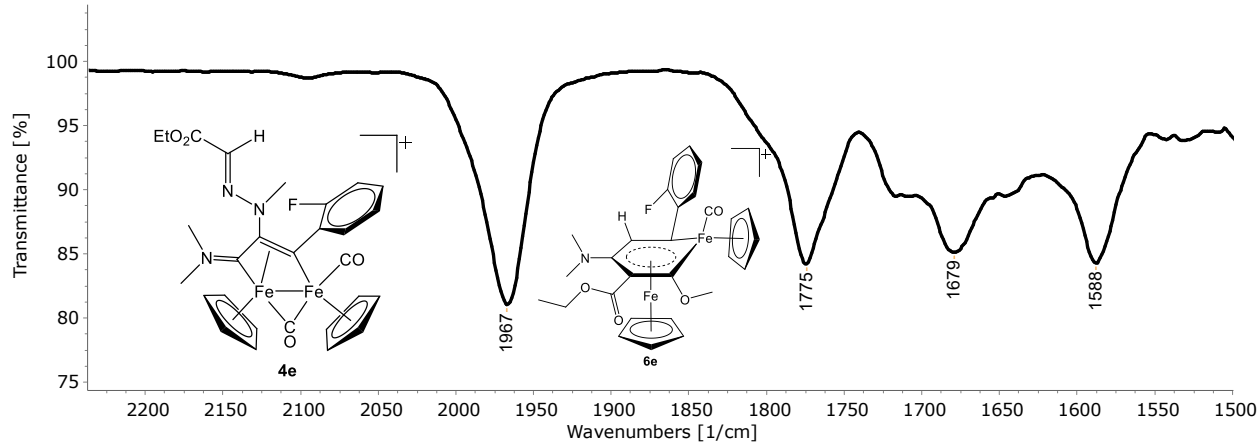

Figure S5. IR spectrum (CH_2Cl_2 solution) of **7a**.

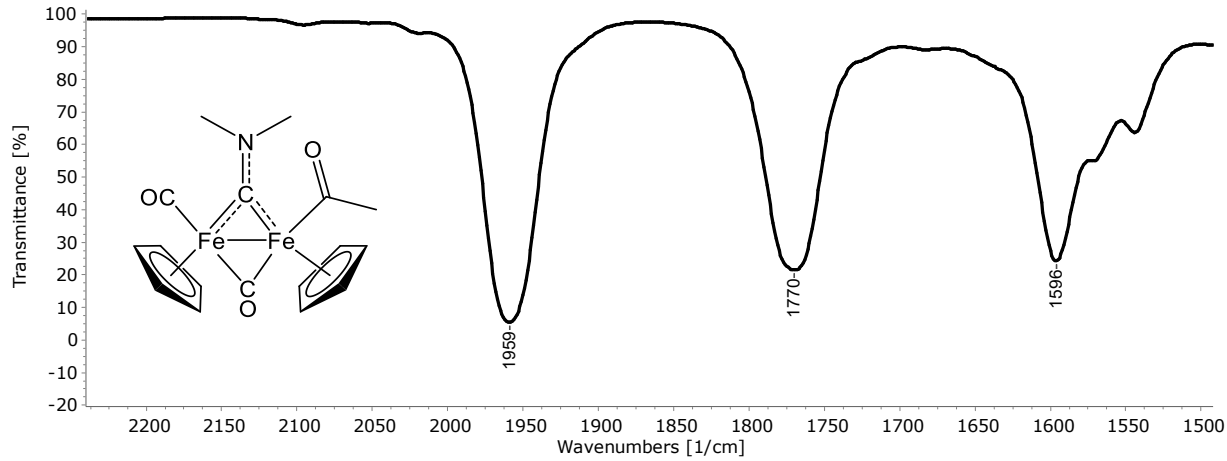

Figure S6. IR spectrum (CH_2Cl_2 solution) of **7b**

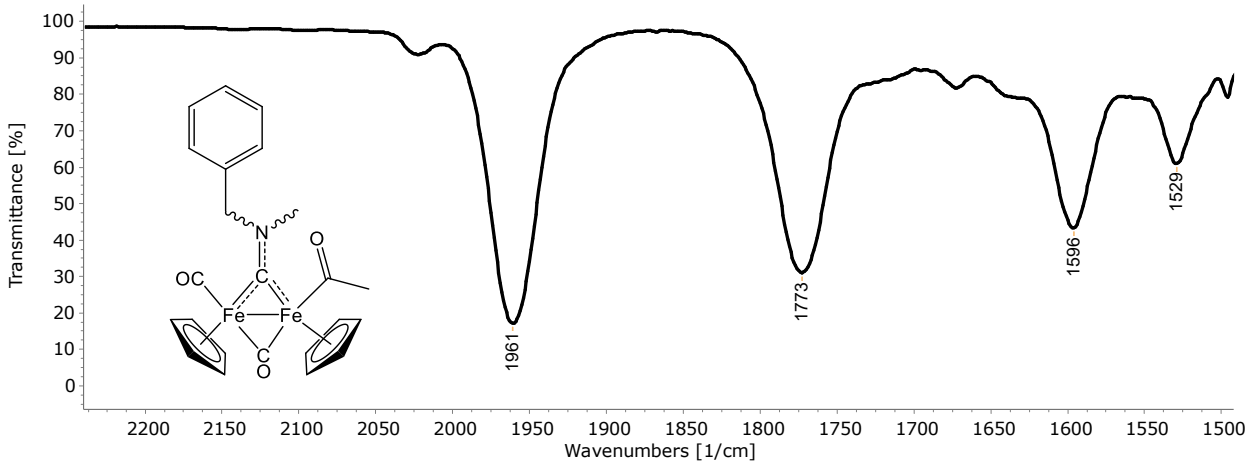

Figure S7. IR spectrum (CH_2Cl_2 solution) of **9**.

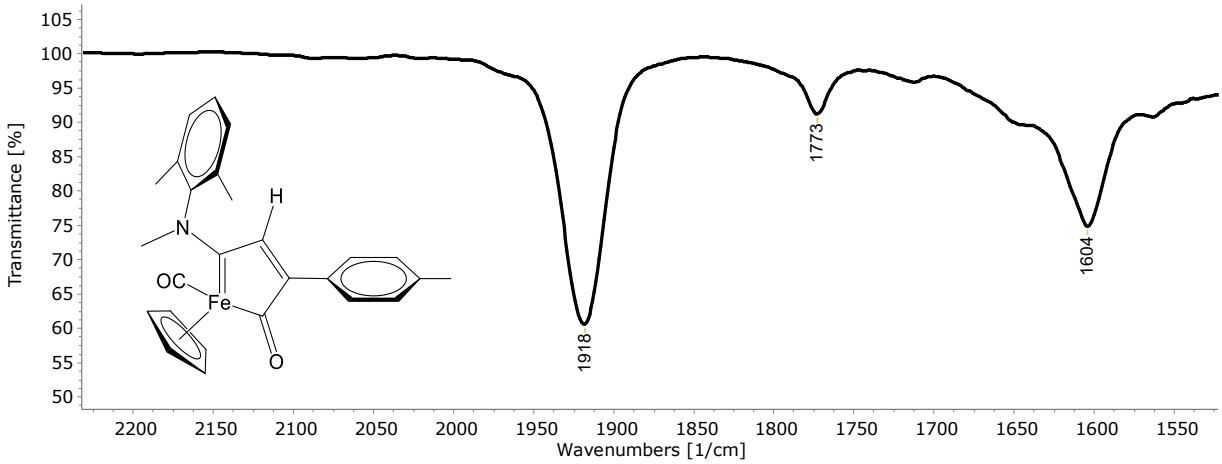

Figure S8. ^{1}H NMR spectrum (401 MHz, acetone-d_6) of **2e**

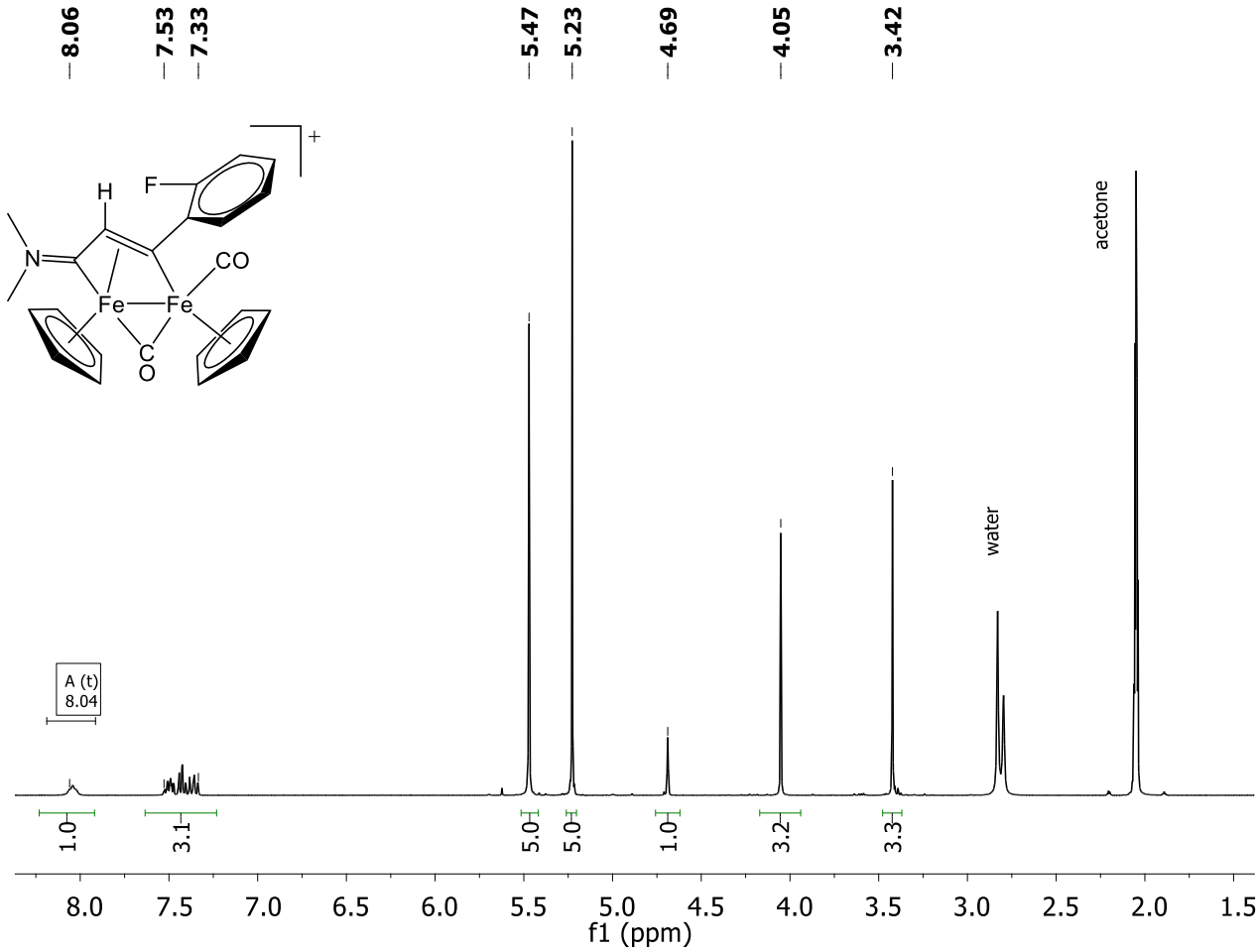

Figure S9. $^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, acetone-d_6) of **2e**

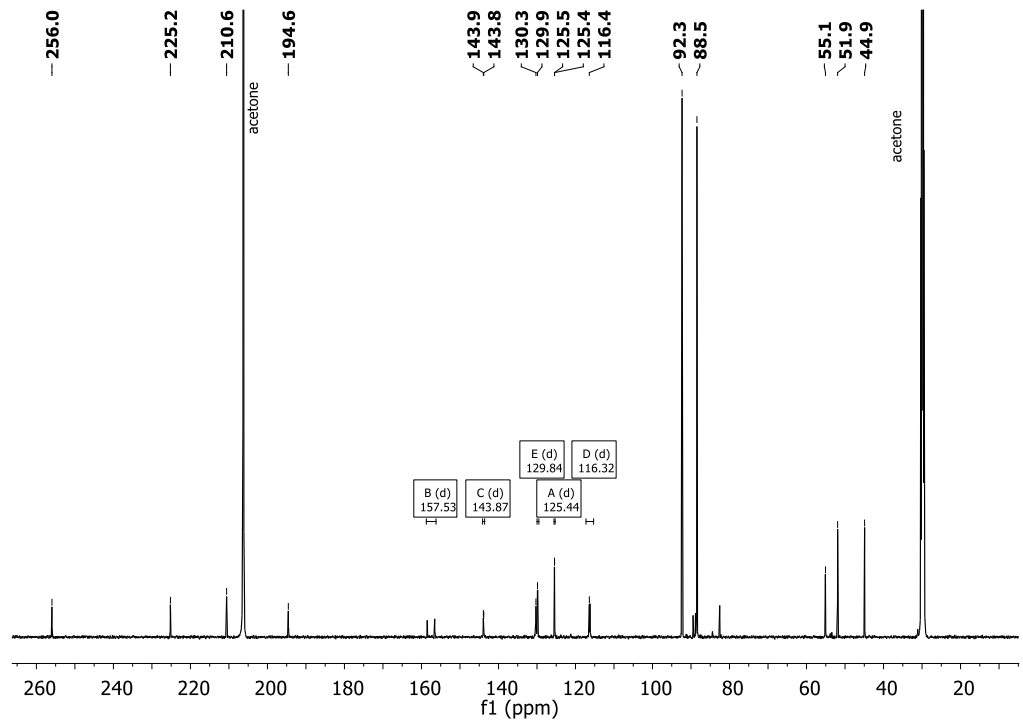

Figure S10. $^{19}F\{^{1}H\}$ NMR spectrum (376 MHz, acetone-d_6) of **2e**

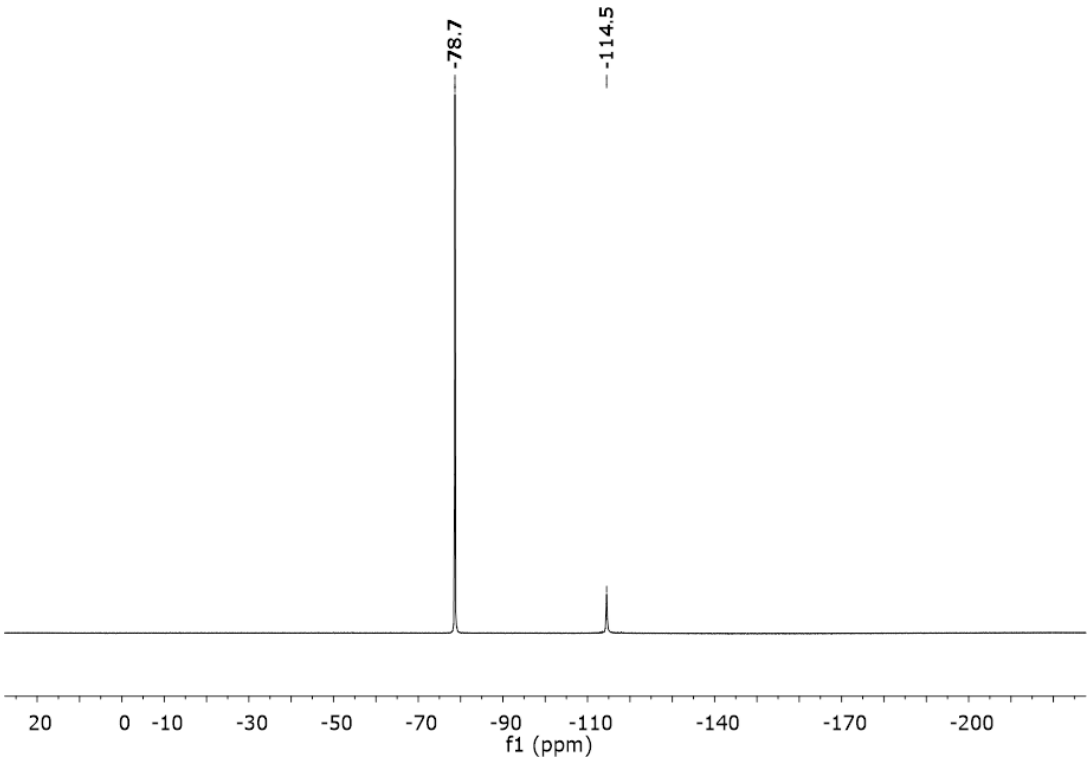

Figure S11. ^{1}H NMR spectrum (401 MHz, acetone-d_6) of **3c** + **5c**

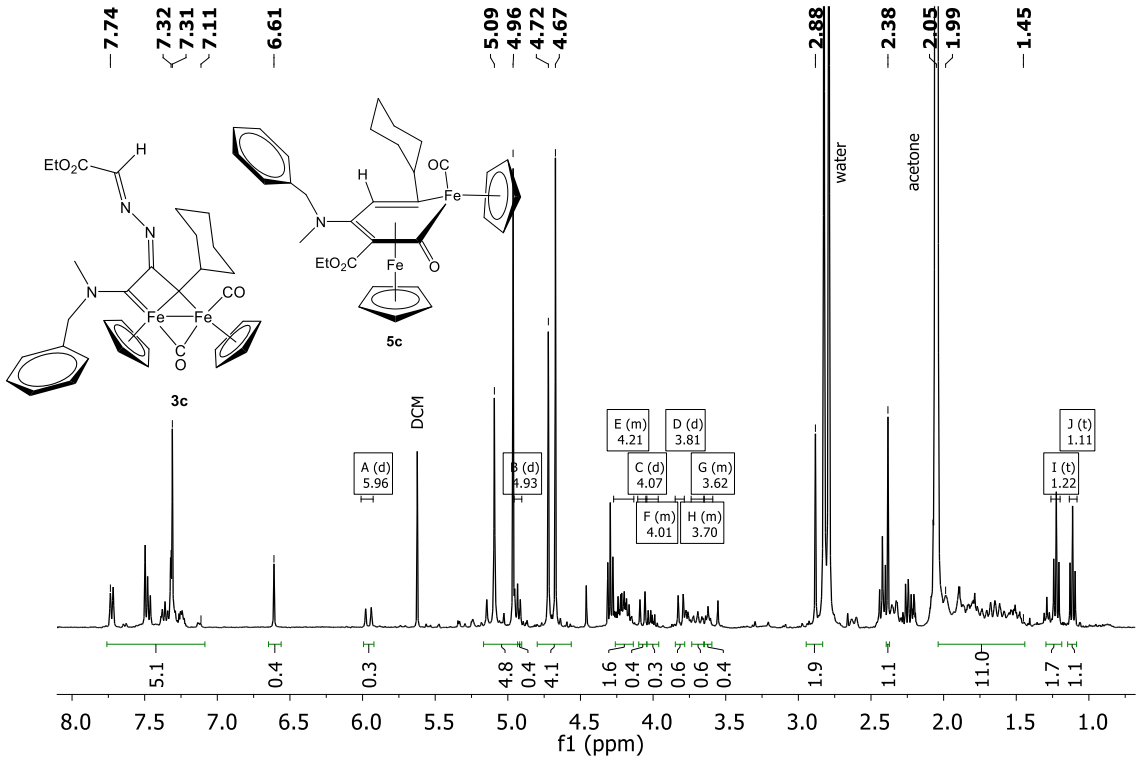

Figure S12. ^{13}C{^{1}H} NMR spectrum (101 MHz, acetone-d_6) of **3c** + **5c**

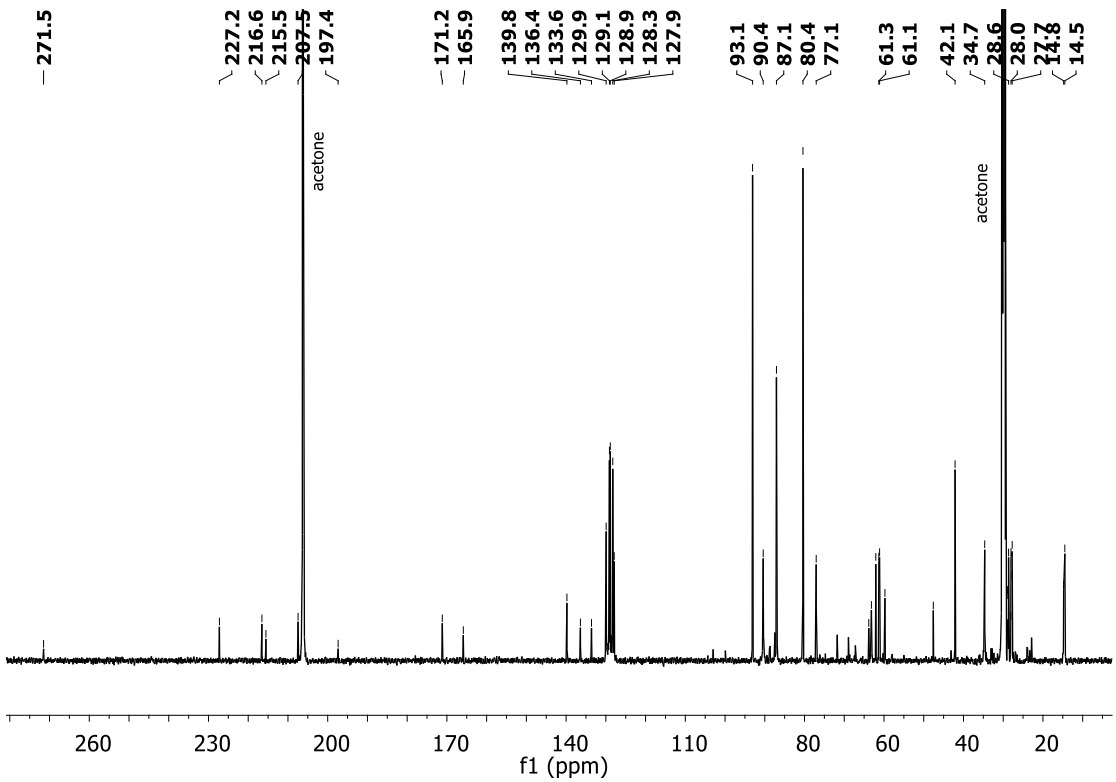

Figure S13. ^{1}H NMR spectrum (401 MHz, acetone-d_6) of **3d**

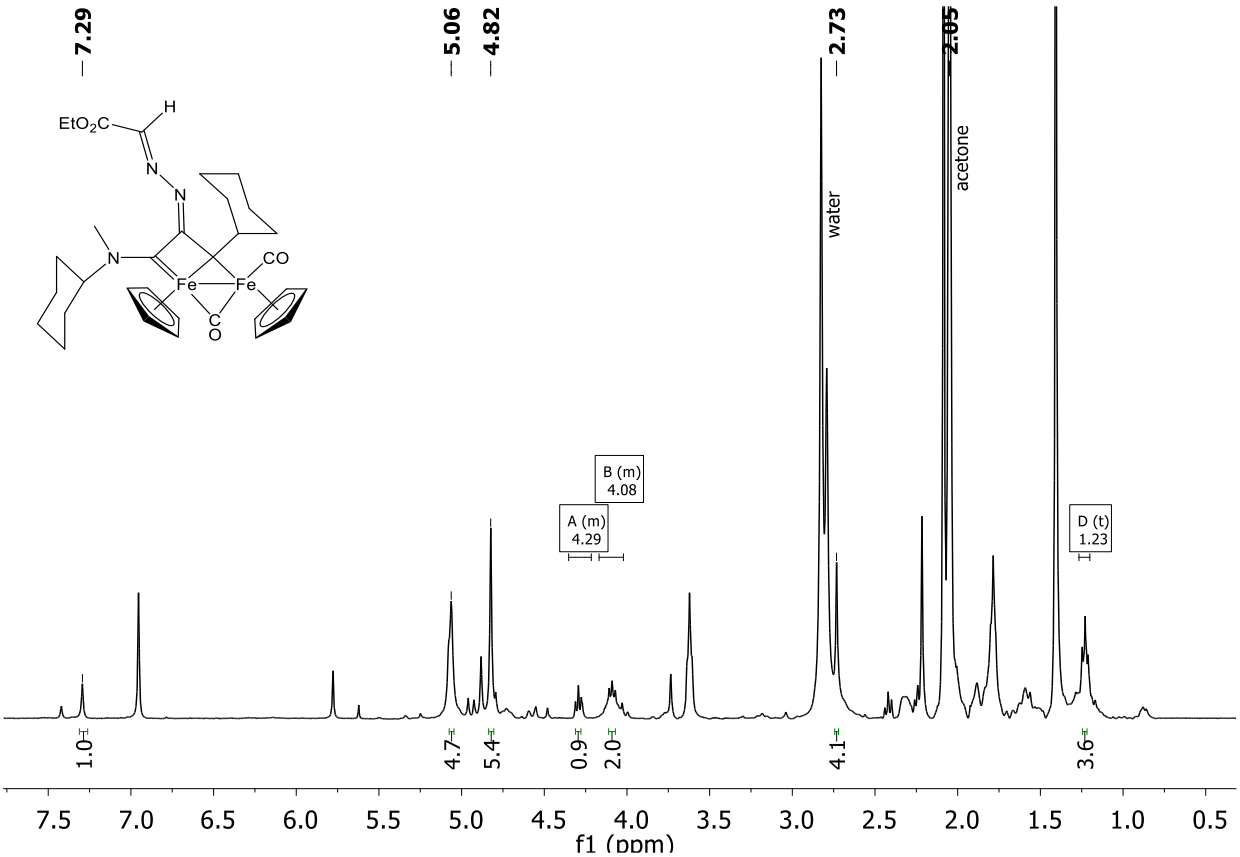

Figure S14. ^{1}H NMR spectrum (401 MHz, acetone-d_6) of **4e** + **6e**

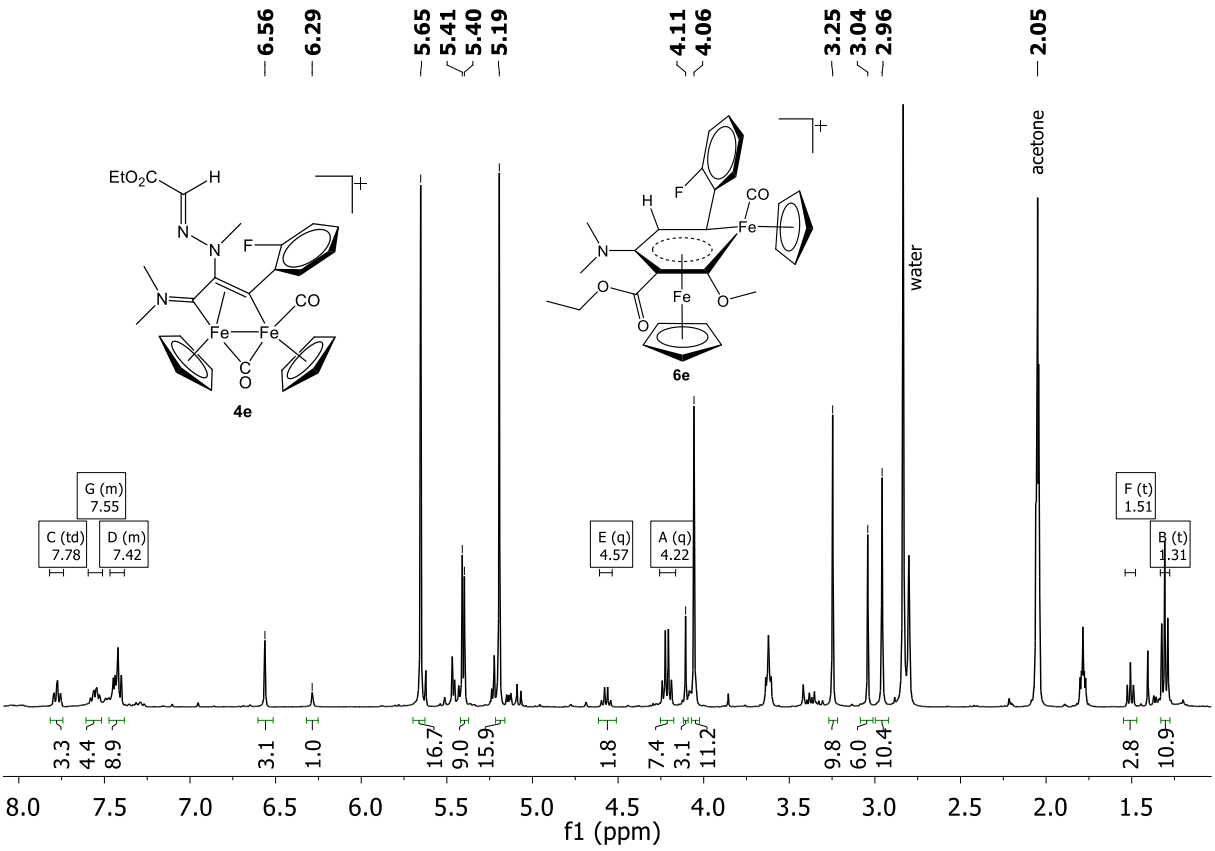

Figure S15. $^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, acetone-d_6) of **4e** + **6e**

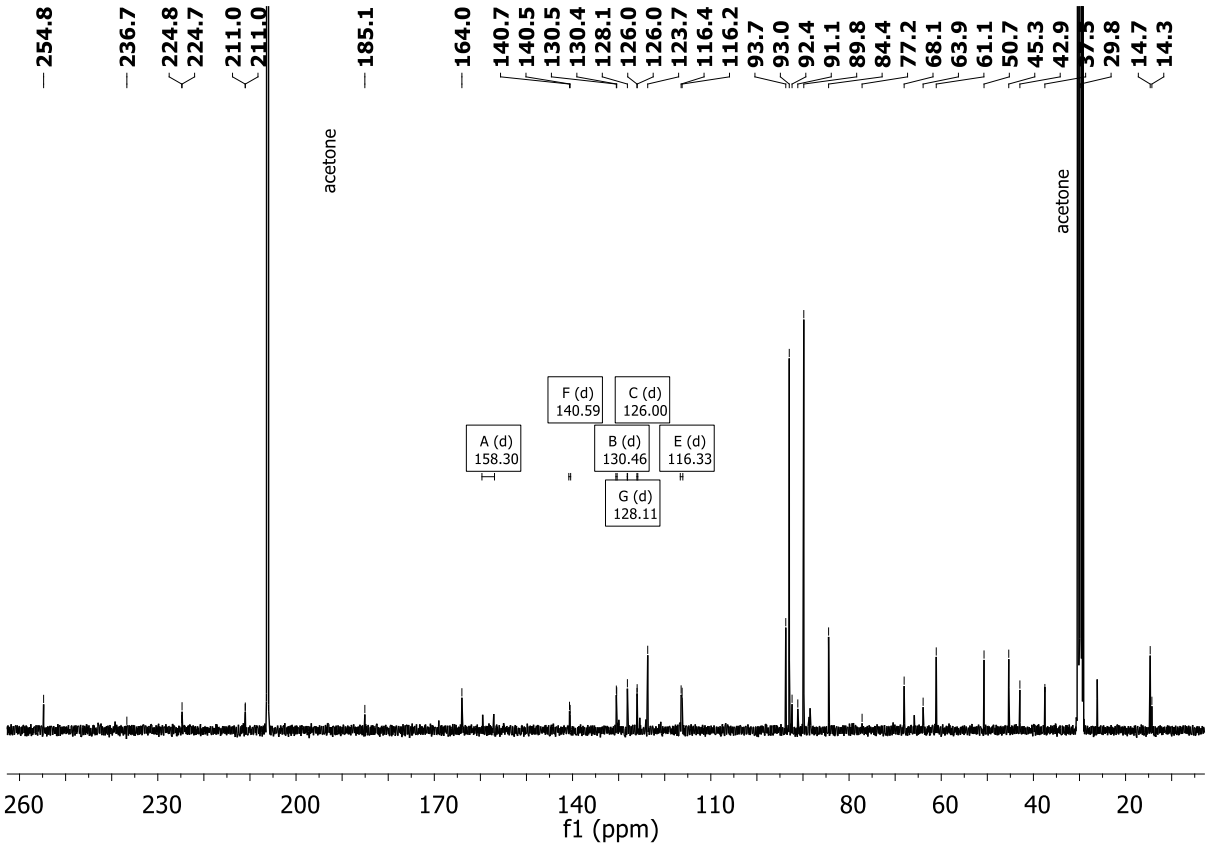

Figure S16. $^{19}F\{^{1}H\}$ NMR spectrum (376 MHz, acetone-d_6) of **4e** + **6e**

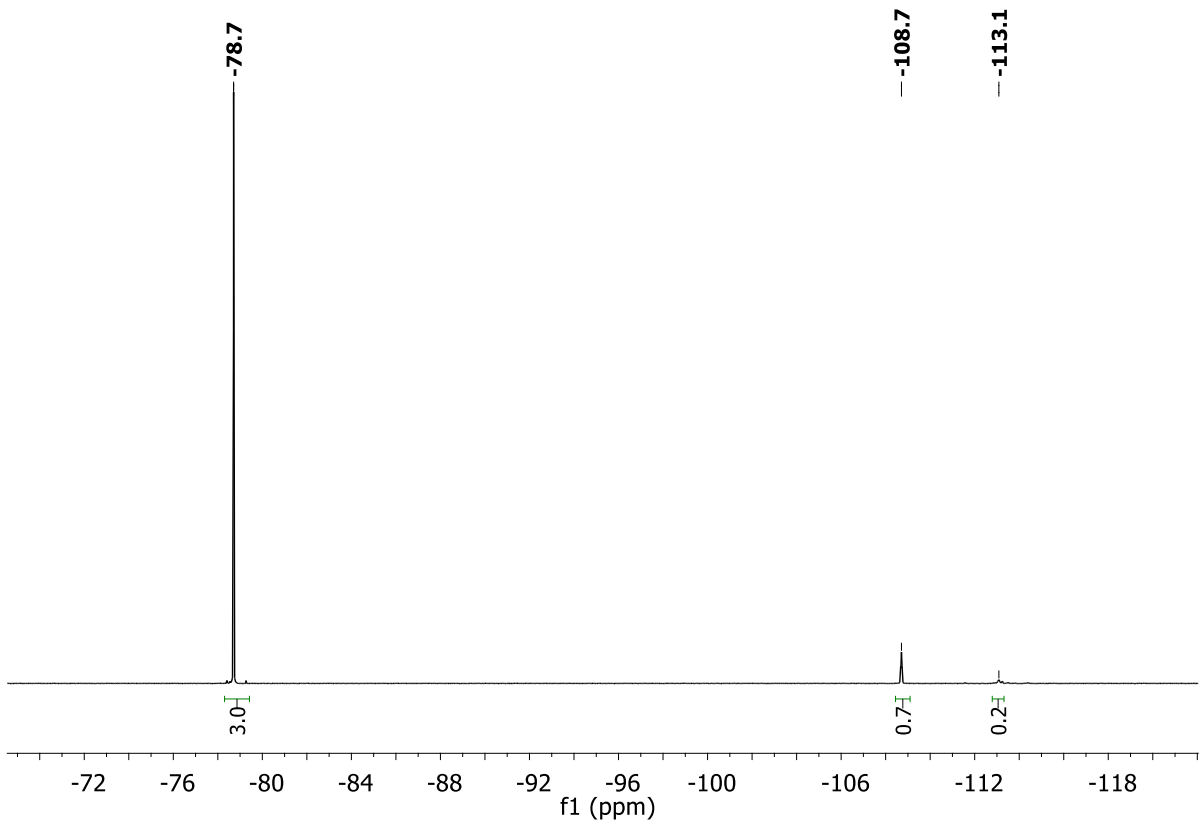

Figure S17. ^{1}H NMR spectrum (401 MHz, $CDCl_3$) of **7a**

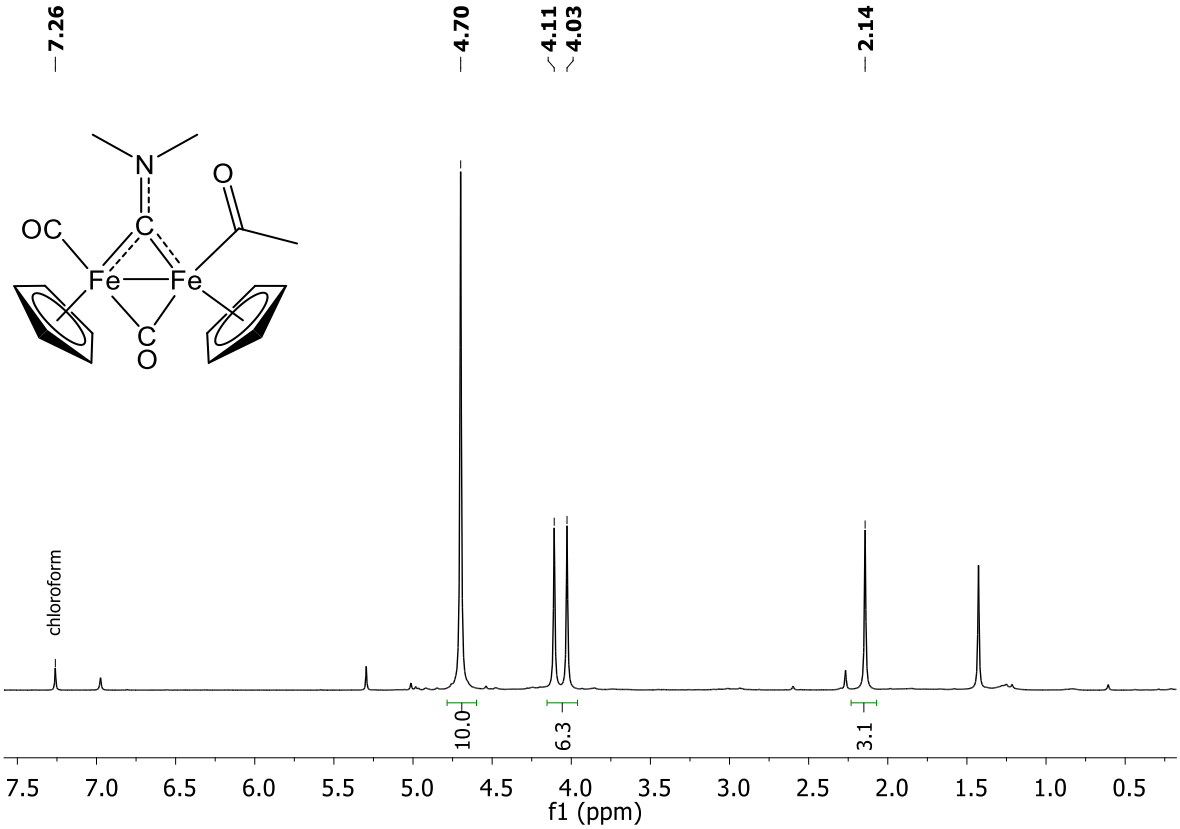

Figure S18. $^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, $CDCl_3$) of **7a**

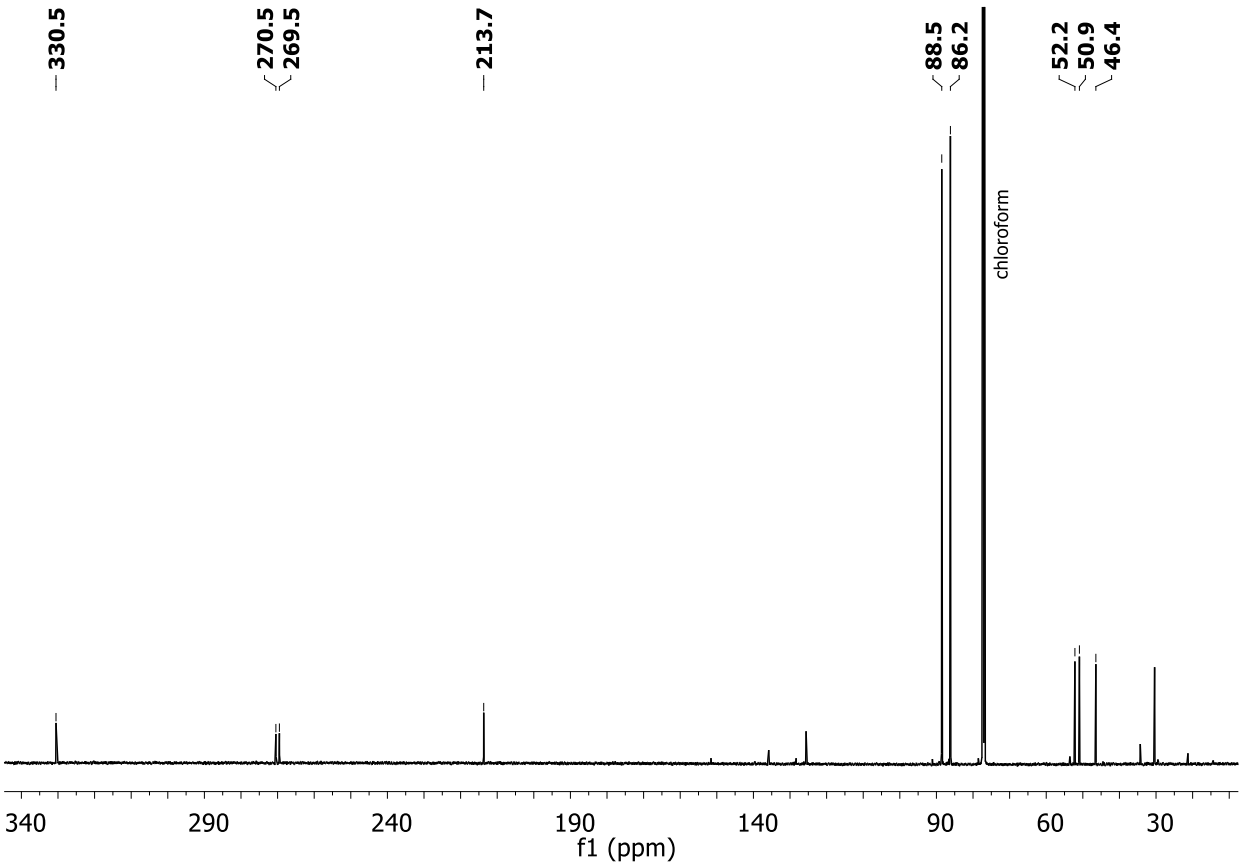

Figure S19. ^{1}H NMR spectrum (401 MHz, $CDCl_3$) of **7b**

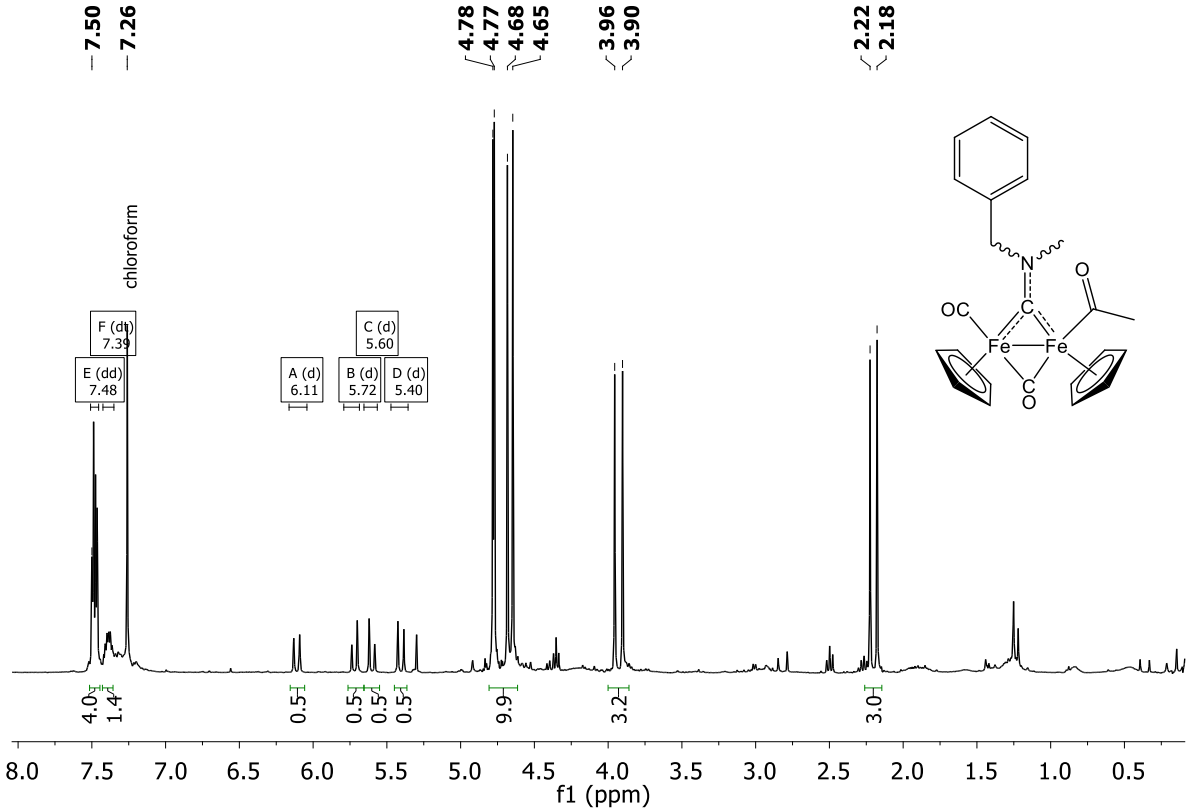

Figure S20. $^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, $CDCl_3$) of **7b**

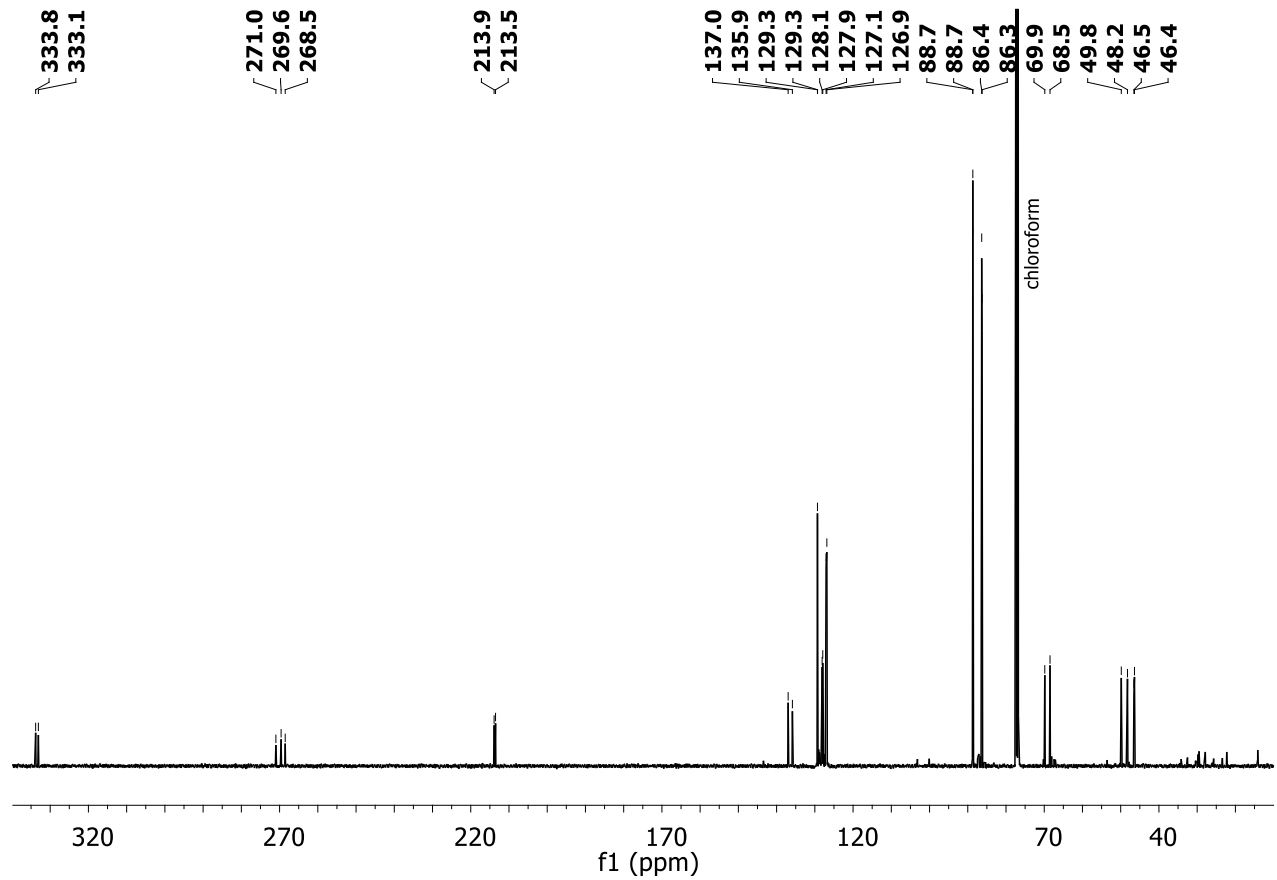
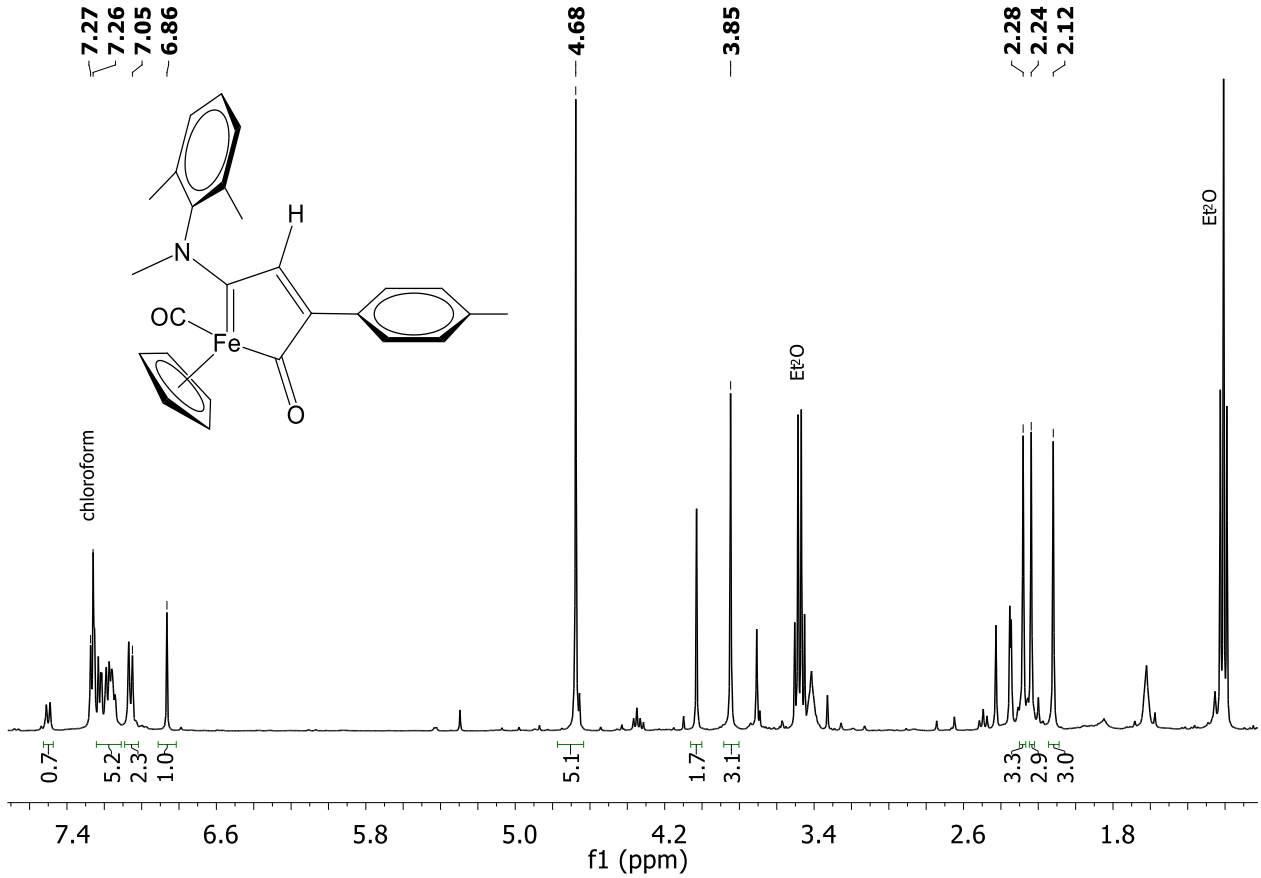
Figure S21. ^{1}H NMR spectrum (401 MHz, $CDCl_3$) of **9**