

Supplementary Materials

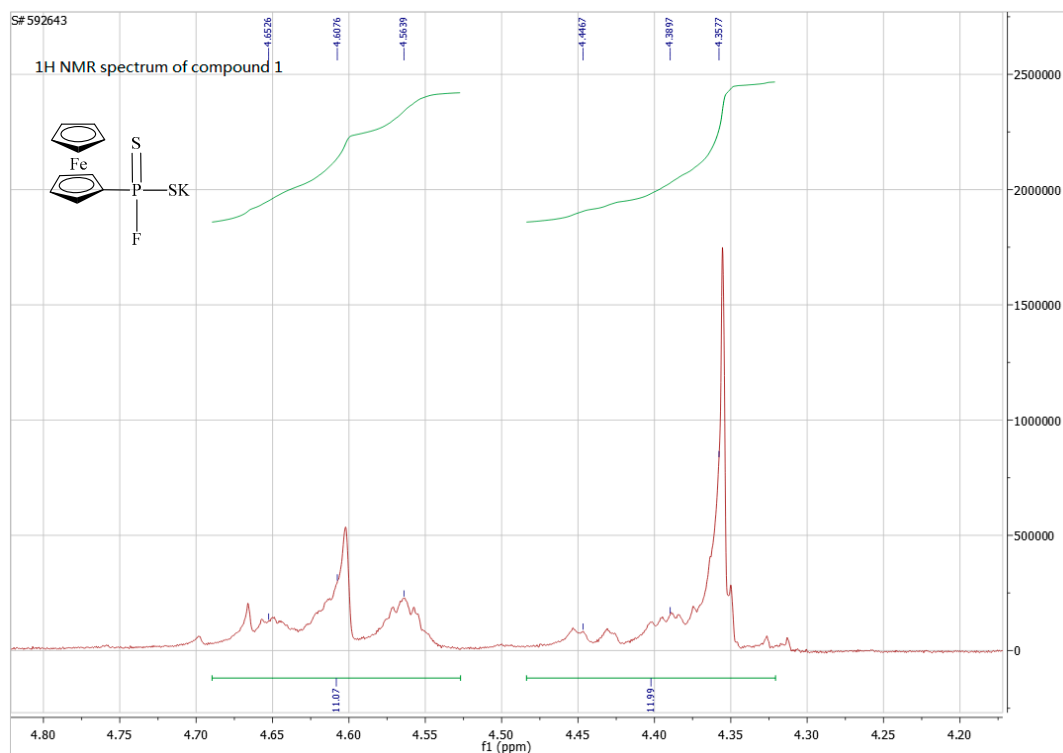


Figure S1. ¹H-NMR spectra of compound 1.

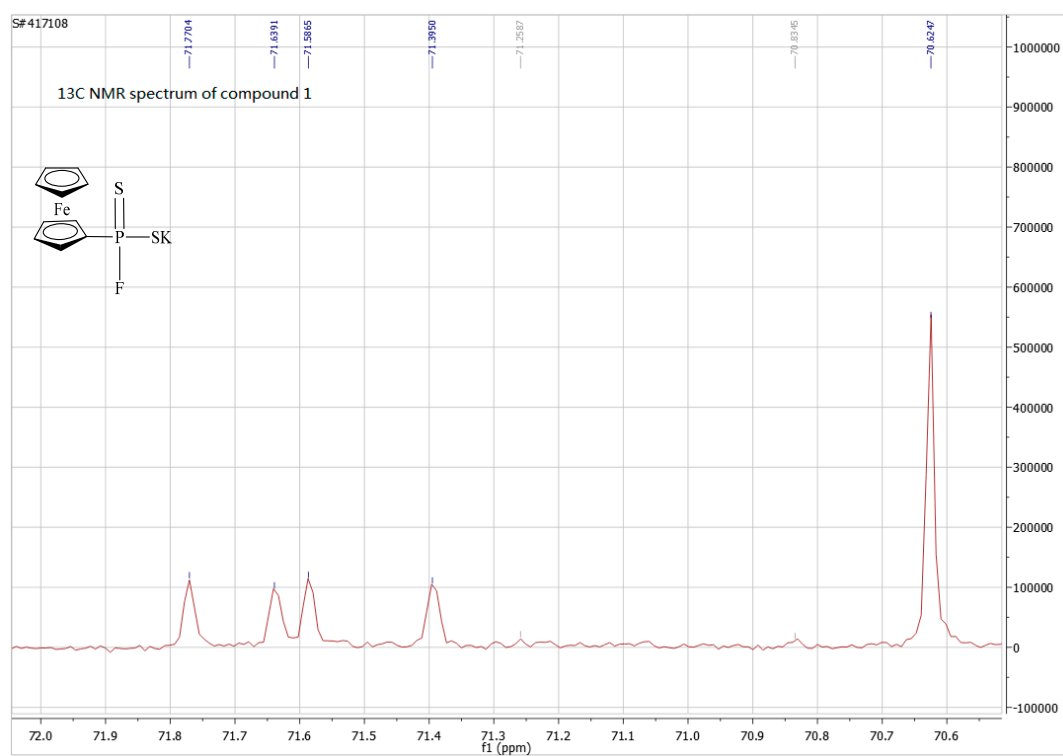


Figure S2. ¹³C-NMR spectra of compound 1.

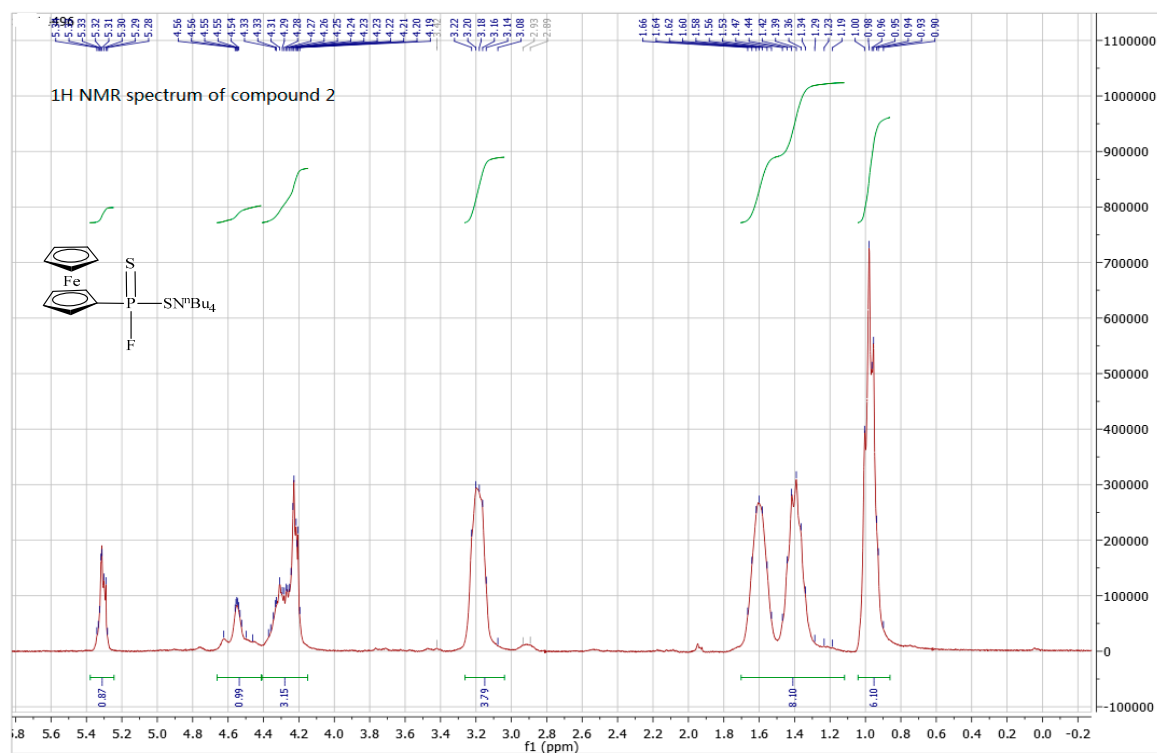


Figure S3. ¹H-NMR spectra of compound 2.

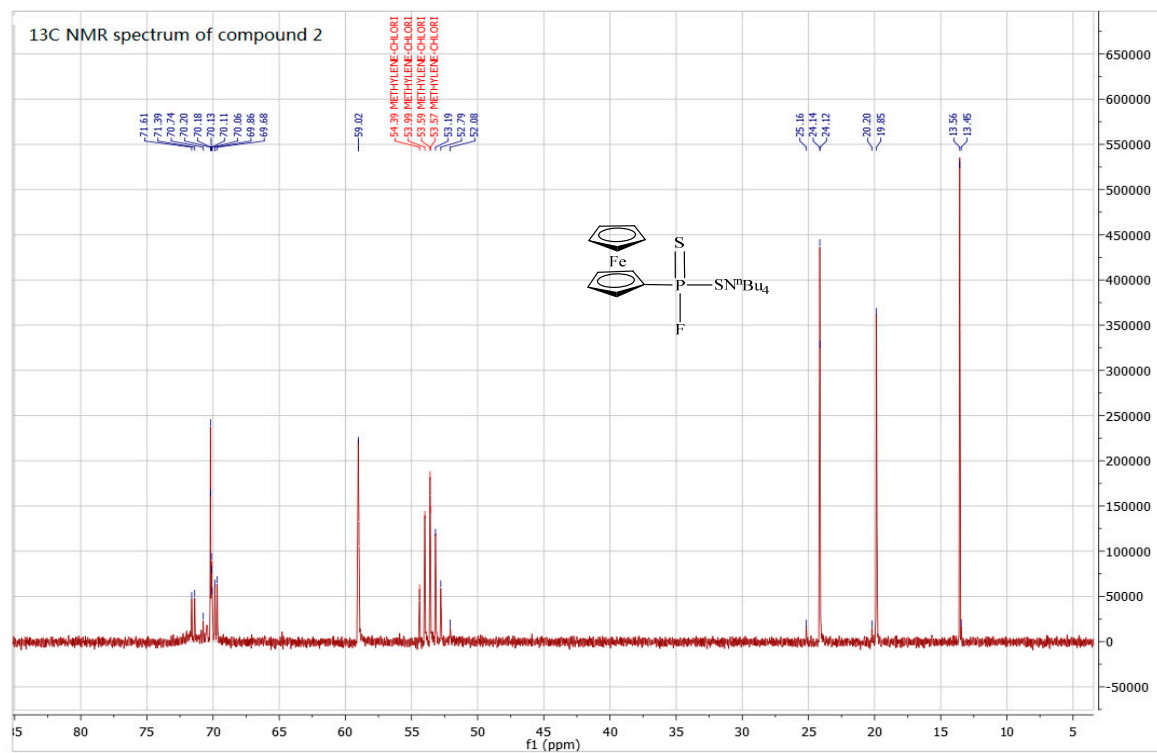


Figure S4. ¹³C-NMR spectra of compound 2.

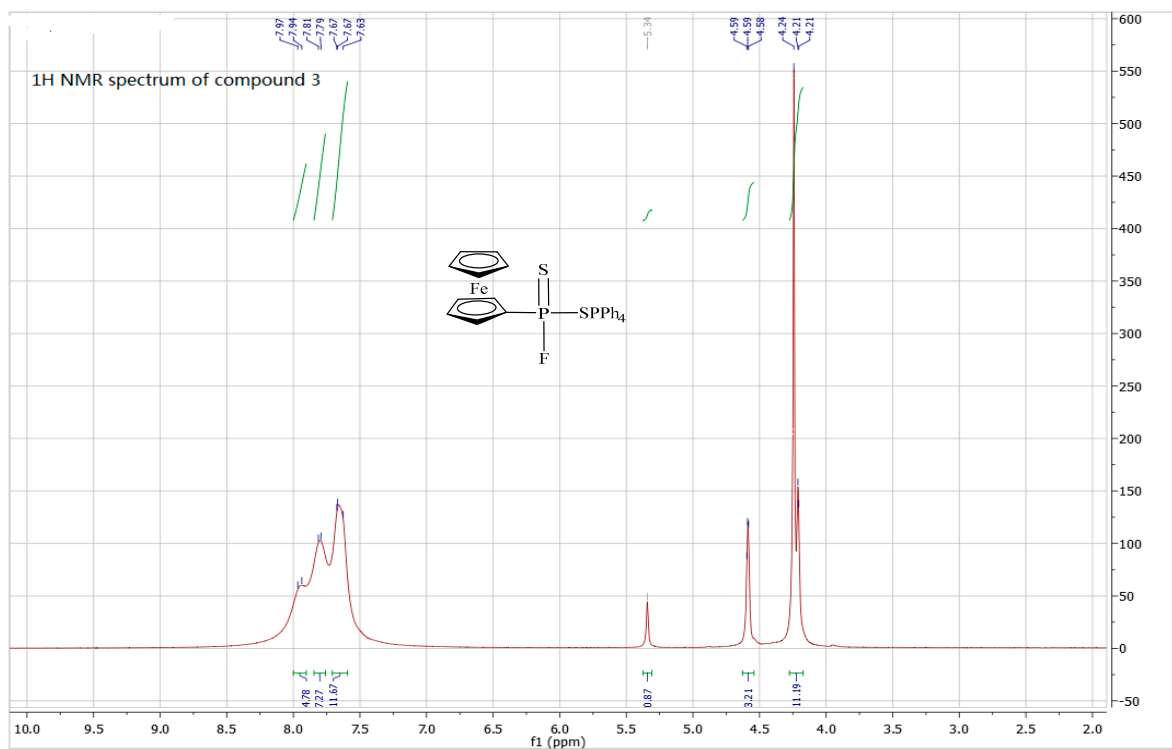


Figure S5. ¹H-NMR spectra of compound 3.

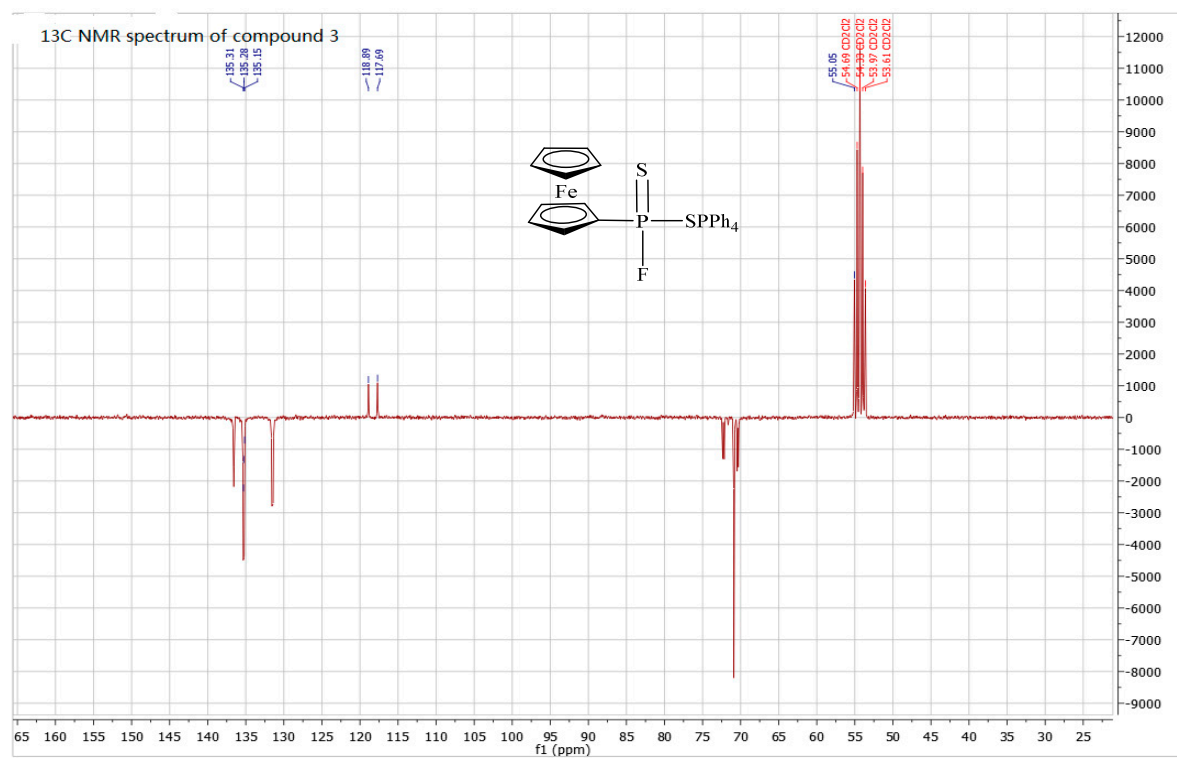


Figure S6. ¹³C-NMR spectra of compound 3.

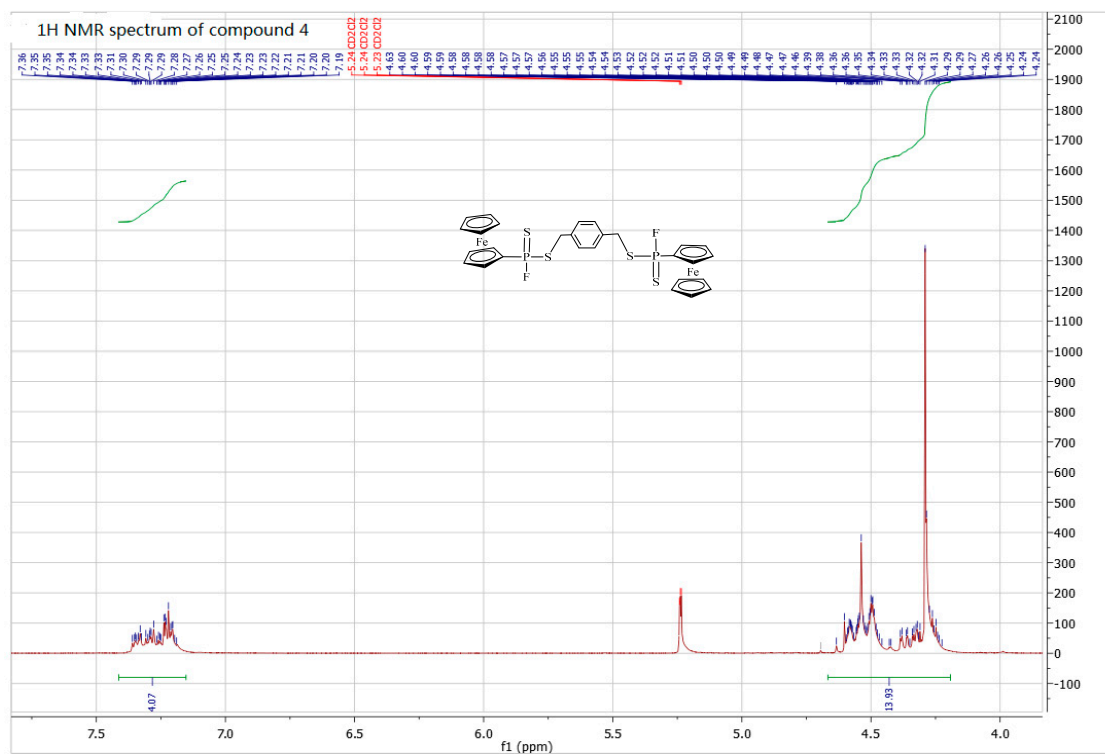


Figure S7. ¹H-NMR spectra of compound 4.

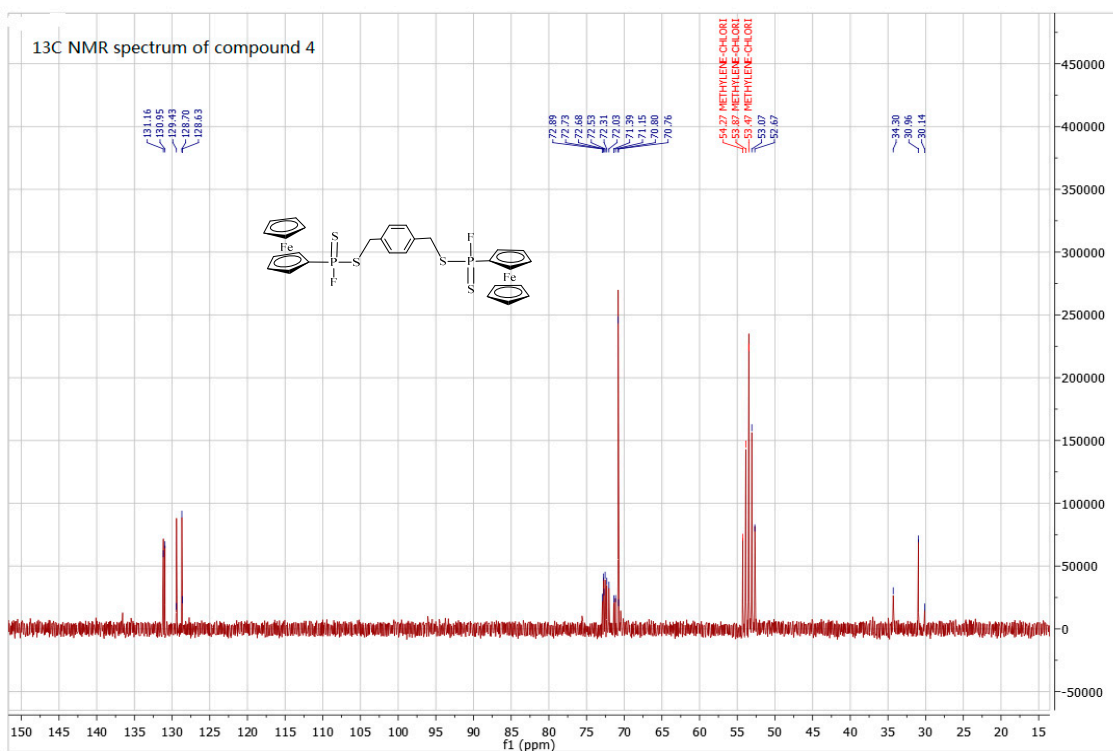


Figure S8. ¹³C-NMR spectra of compound 4.

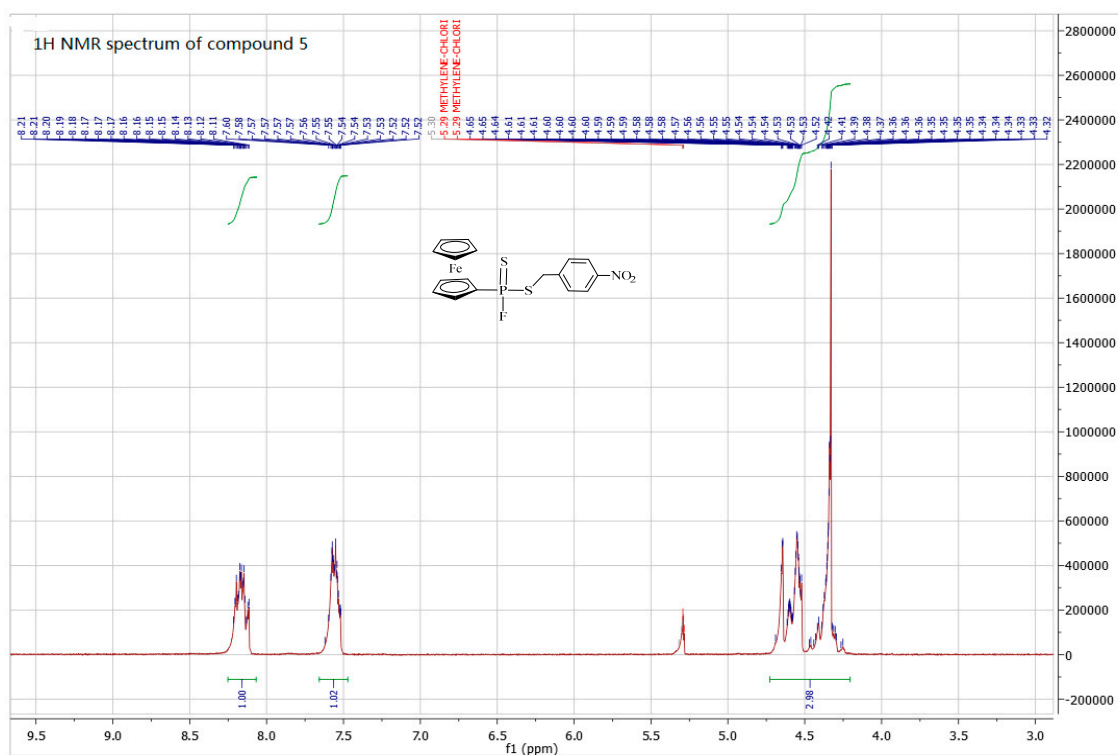


Figure S9. ¹H-NMR spectra of compound 5.

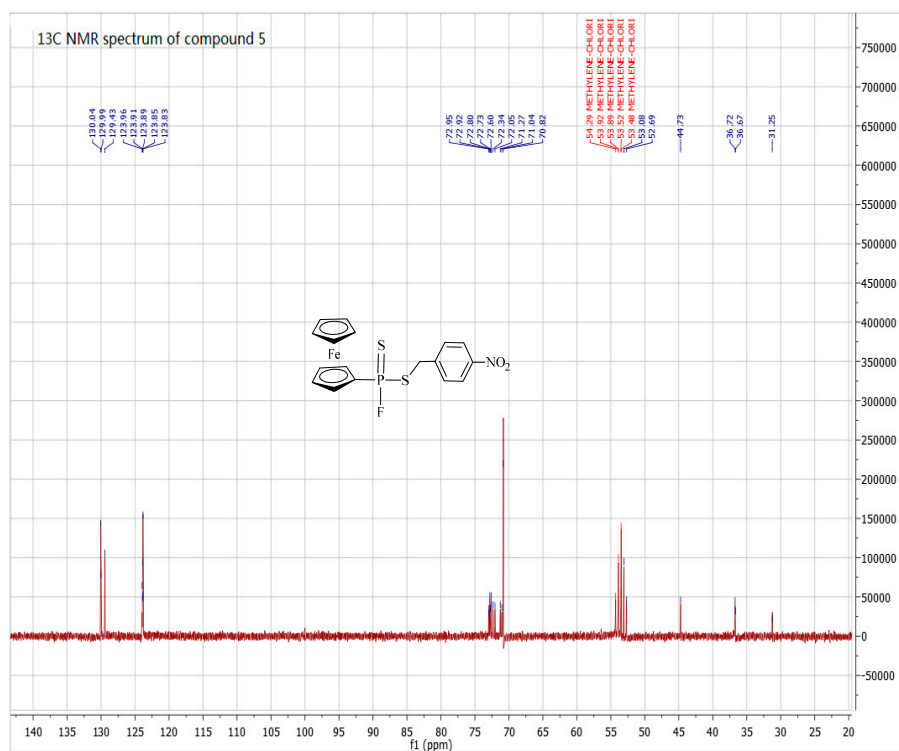


Figure S10. ¹³C-NMR spectra of compound 5.

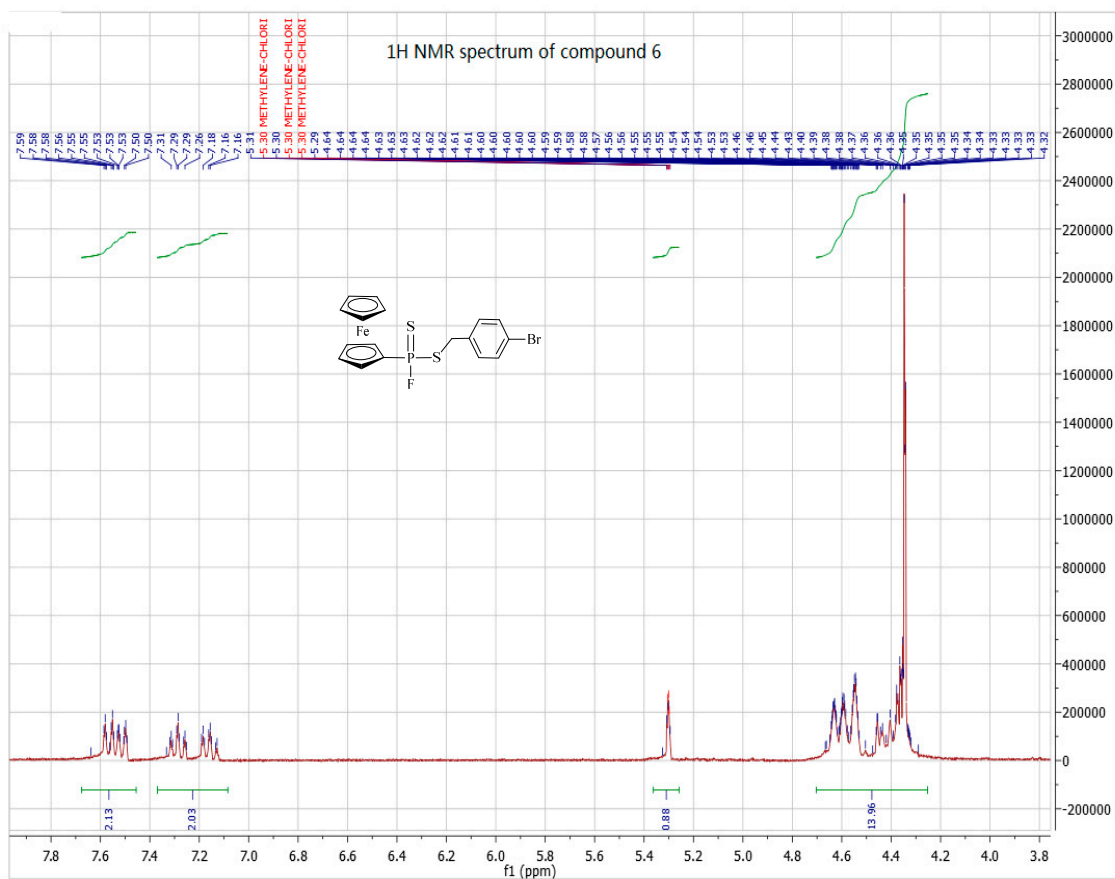
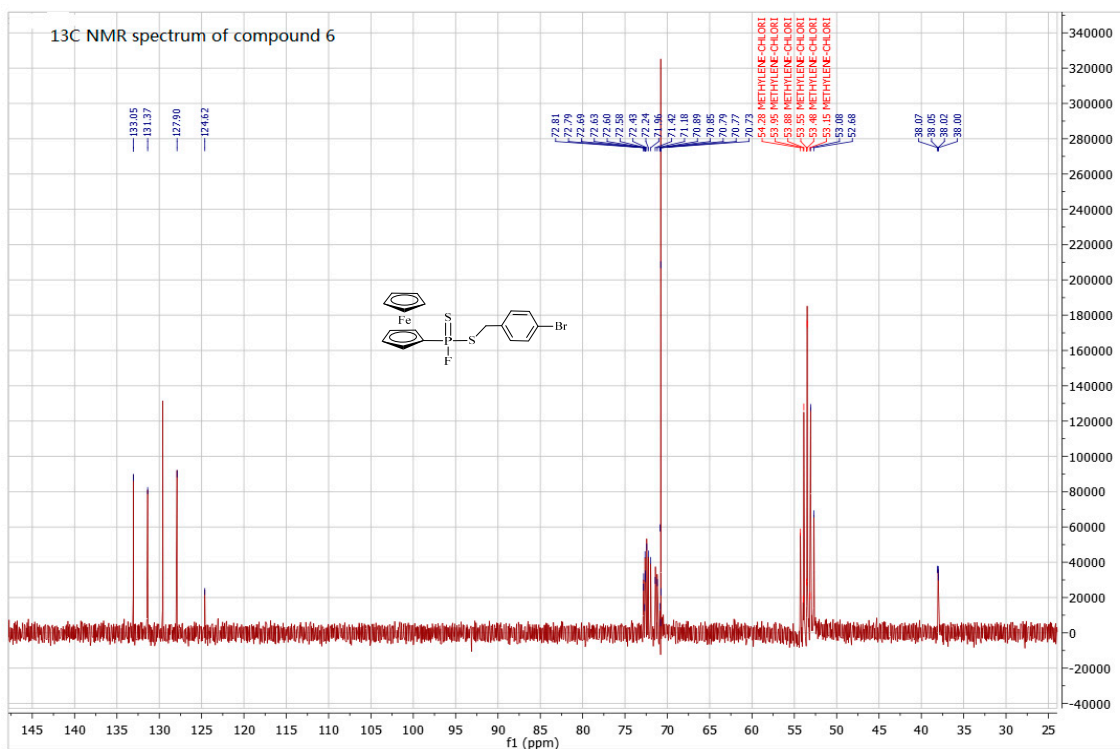


Figure S11. ¹H-NMR spectra of compound 6.



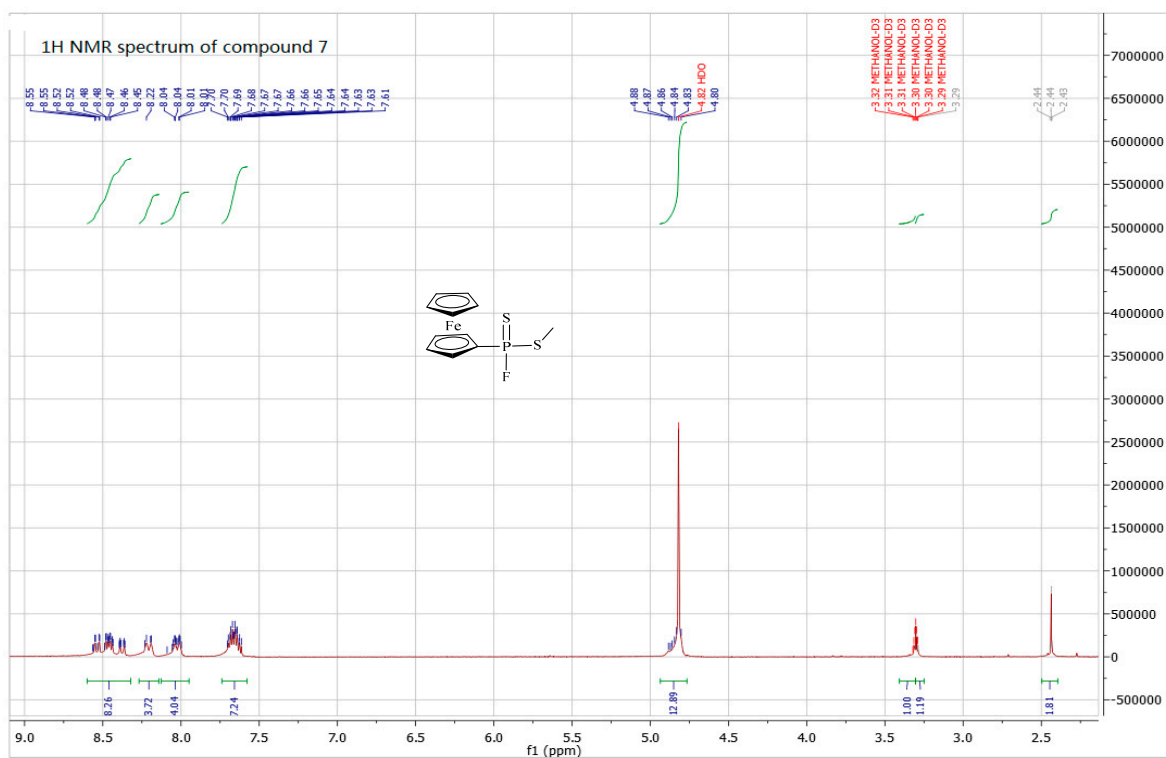


Figure S13. ¹H-NMR spectra of compound 7.

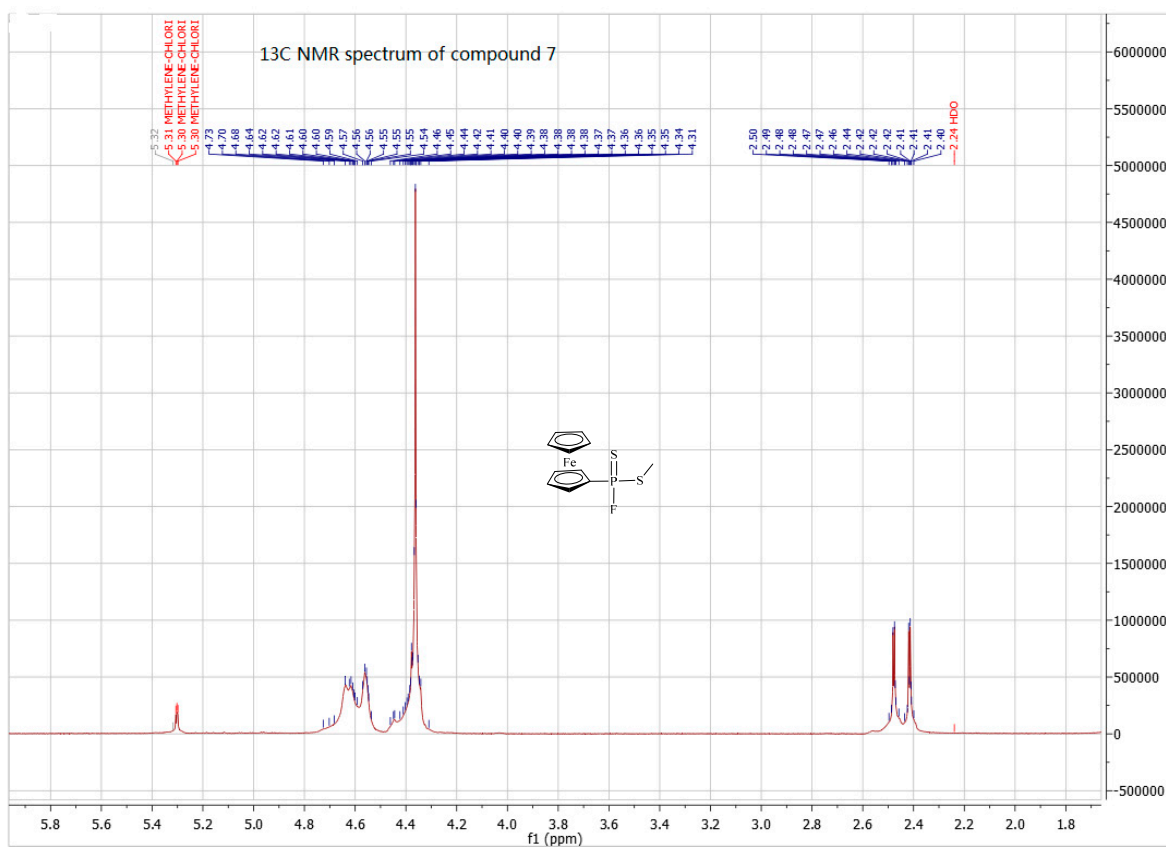


Figure S14. ¹³C-NMR spectra of compound 7.

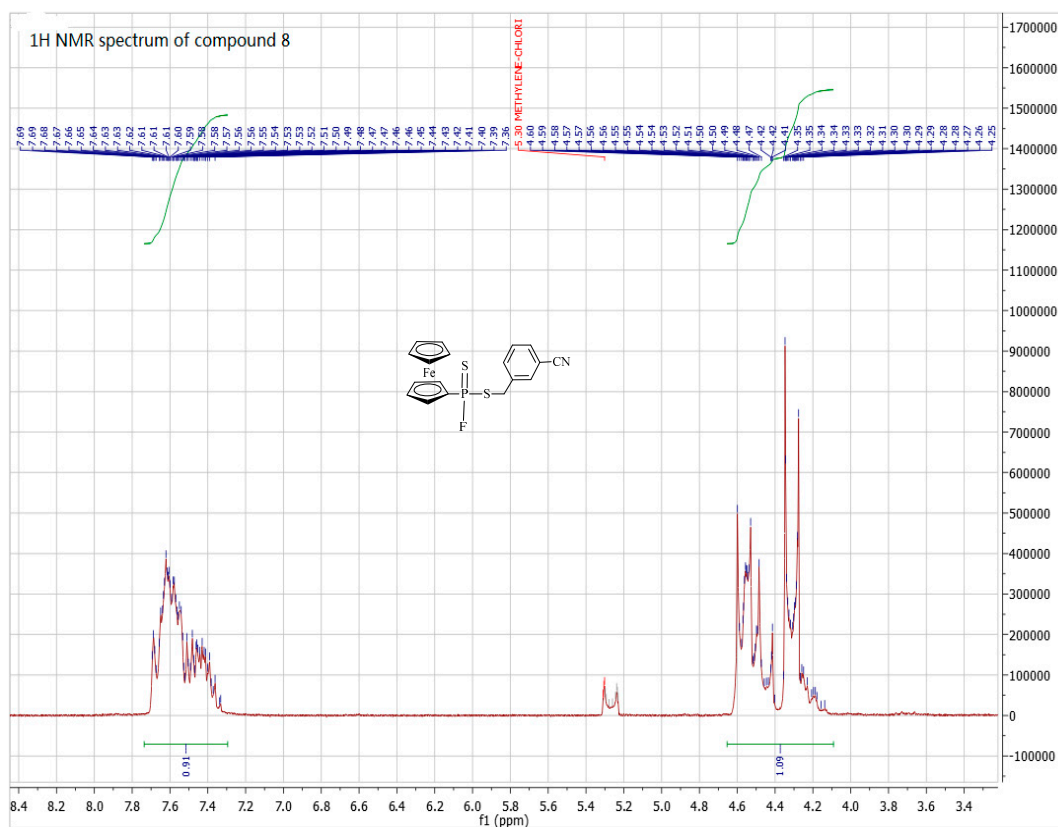


Figure S15. ¹H-NMR spectra of compound 8.

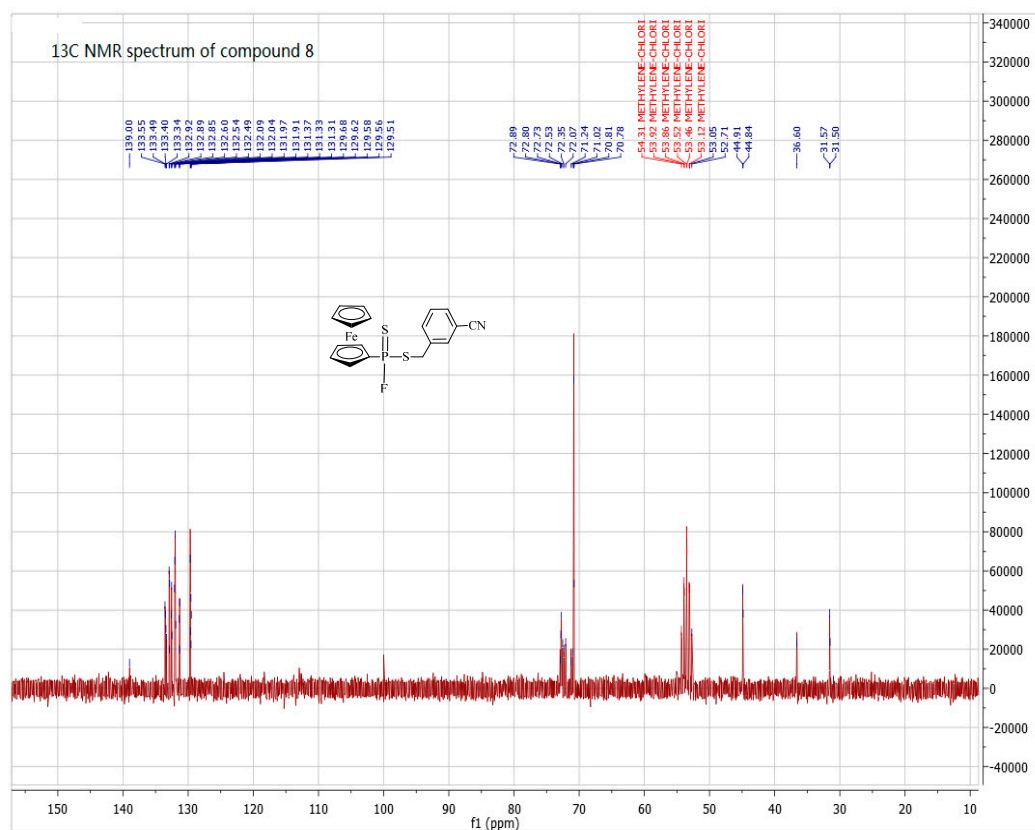
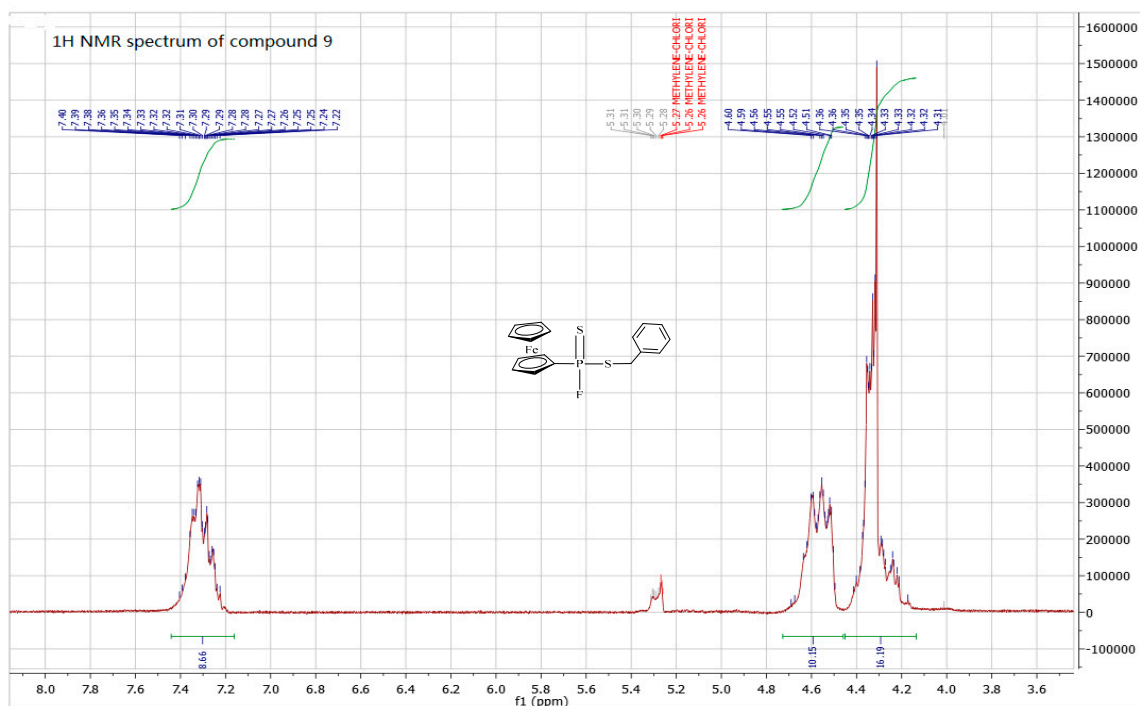
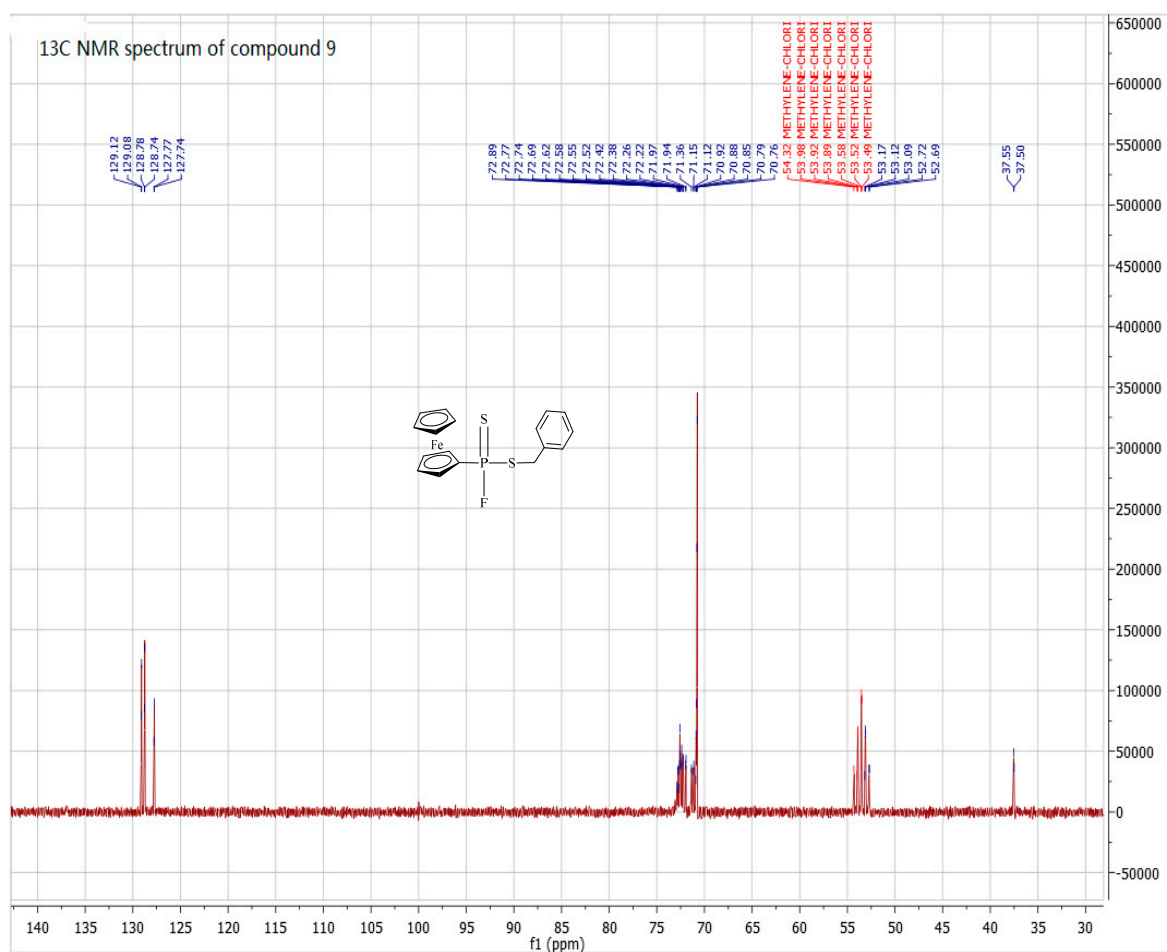


Figure S16. ¹³C-NMR spectra of compound 8.

Figure S17. ¹H-NMR spectra of compound 9.Figure S18. ¹³C-NMR spectra of compound 9.

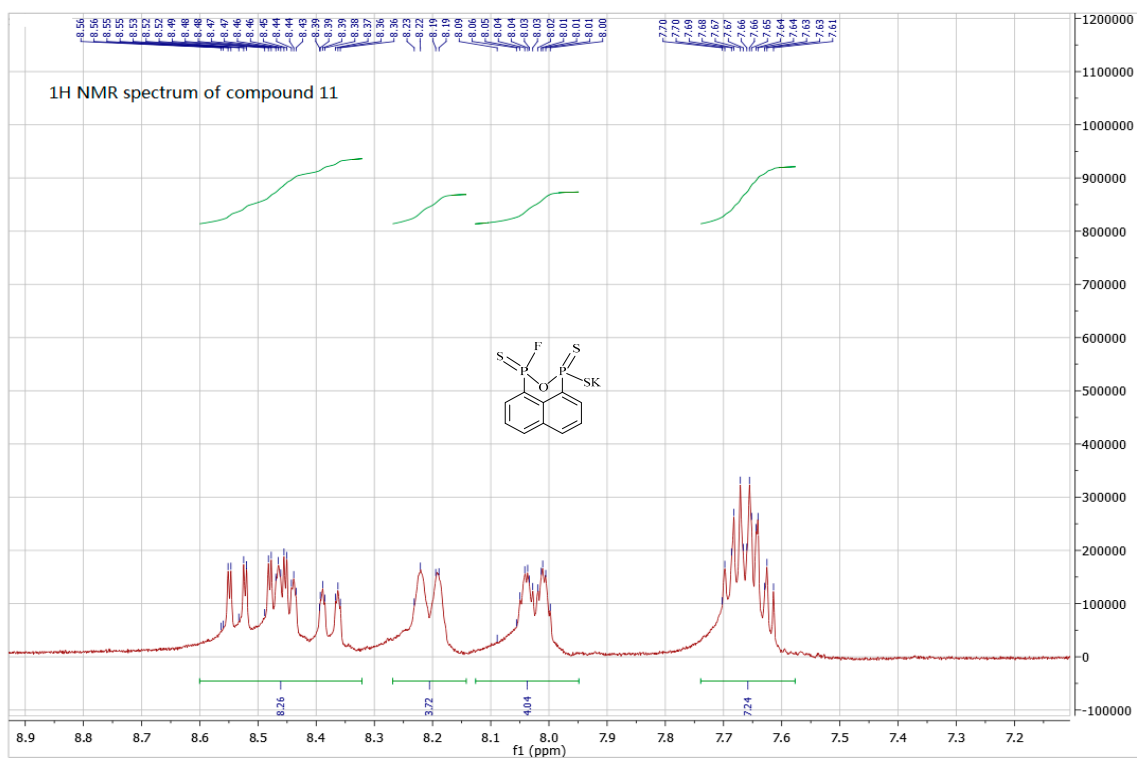


Figure S19. ^1H -NMR spectra of compound **11**.

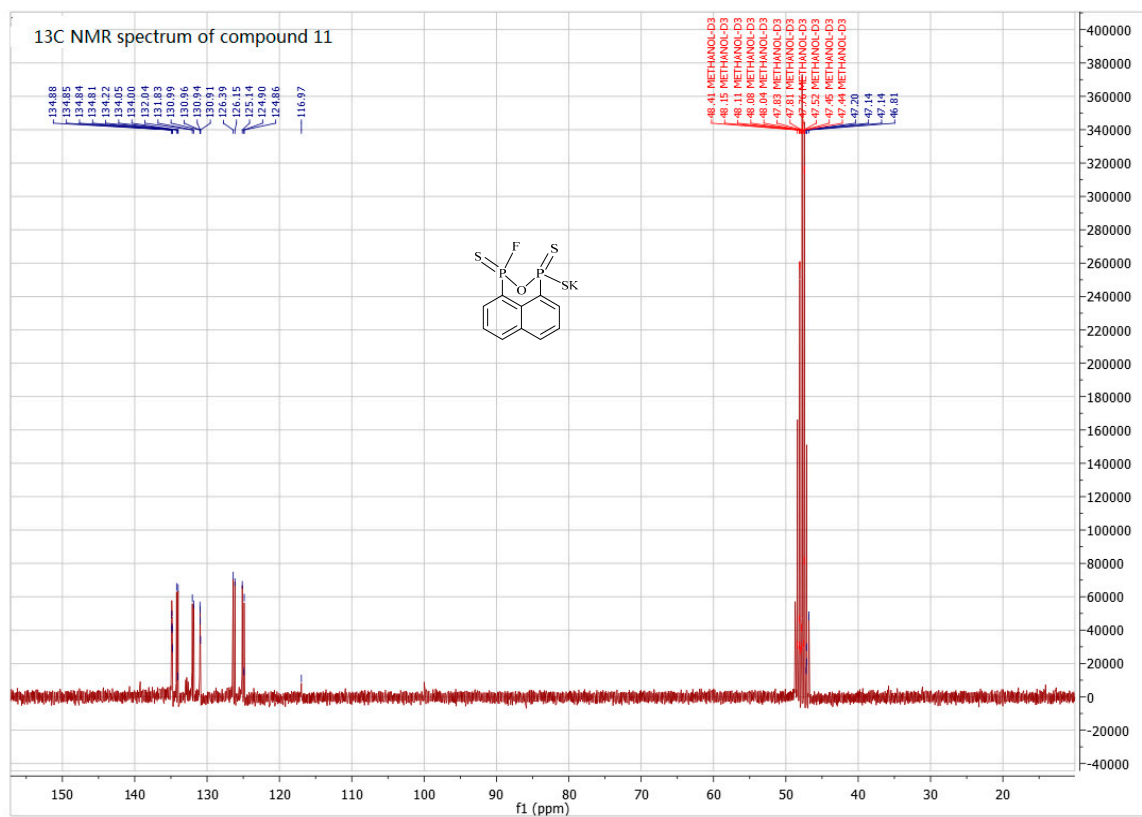
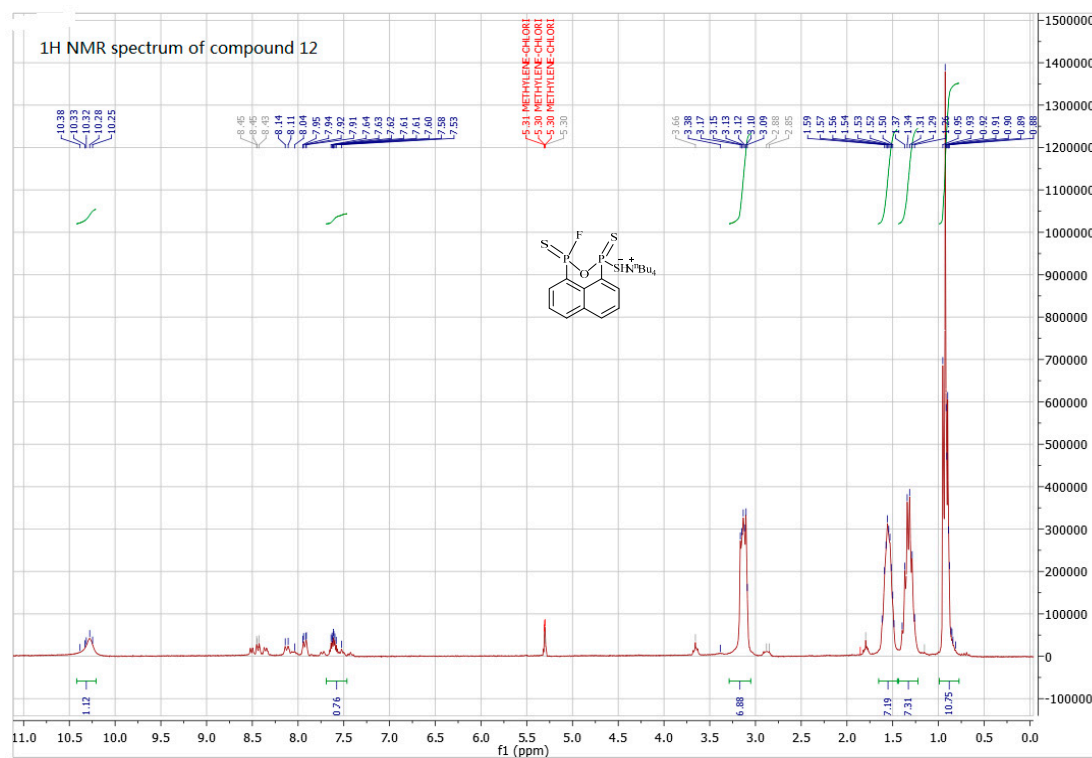
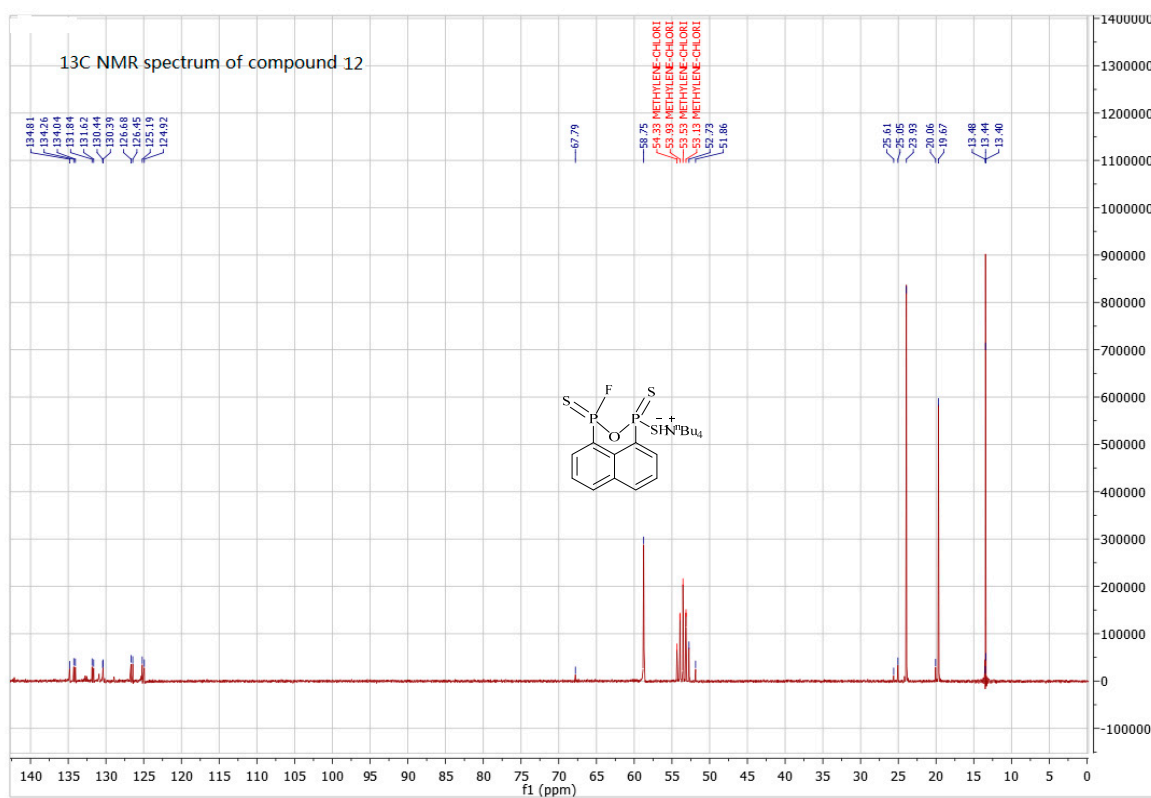


Figure S20. ^{13}C -NMR spectra of compound **11**.

Figure S21. ¹H-NMR spectra of compound 12.Figure S22. ¹³C-NMR spectra of compound 12.

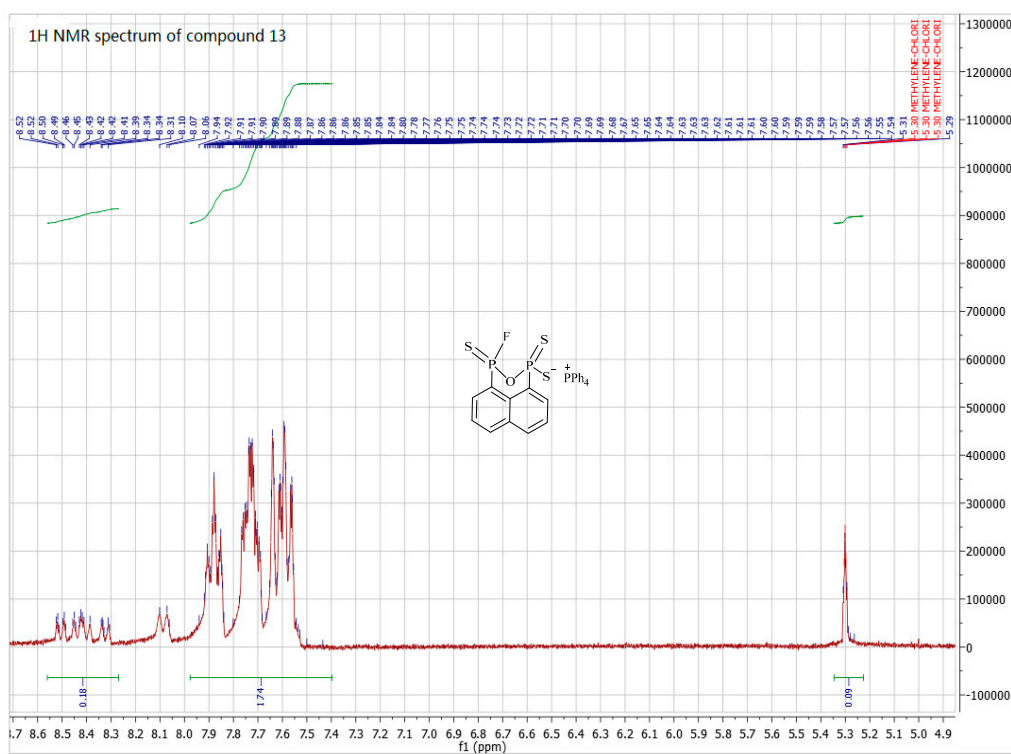


Figure S23. ^1H -NMR spectra of compound **13**.

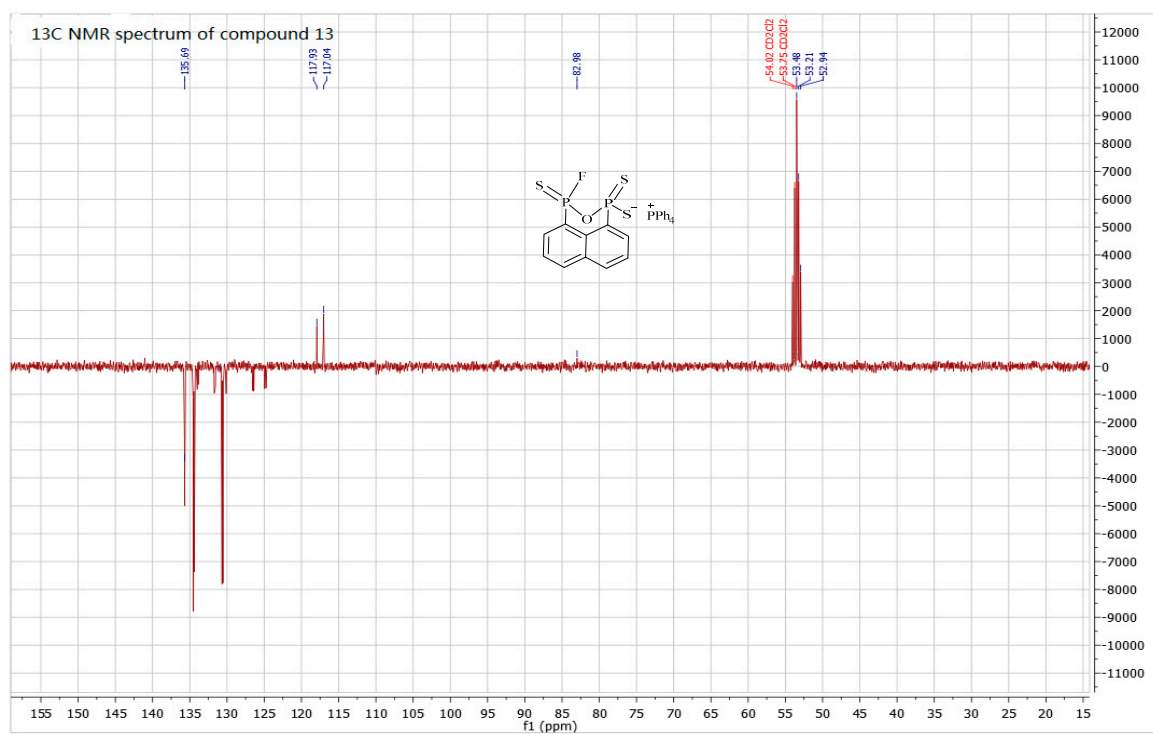


Figure S24. ^{13}C -NMR spectra of compound **13**.

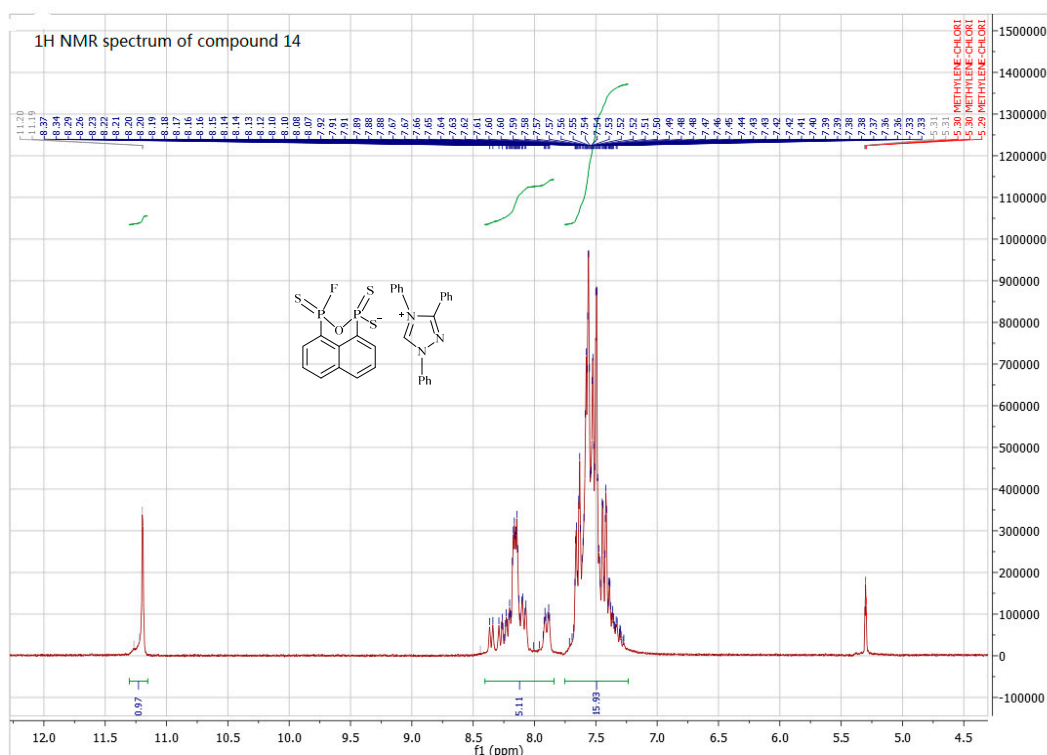


Figure S25. ^1H -NMR spectra of compound 14.

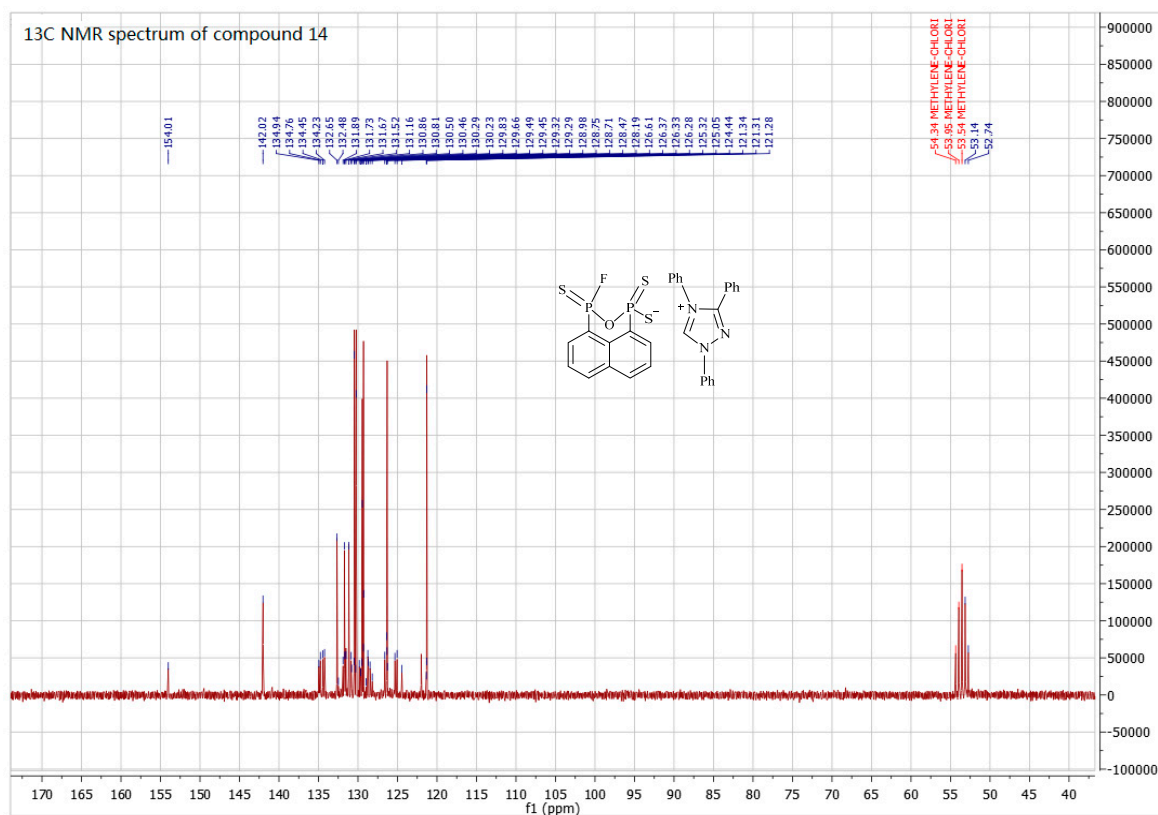


Figure S26. ^{13}C -NMR spectra of compound 14.

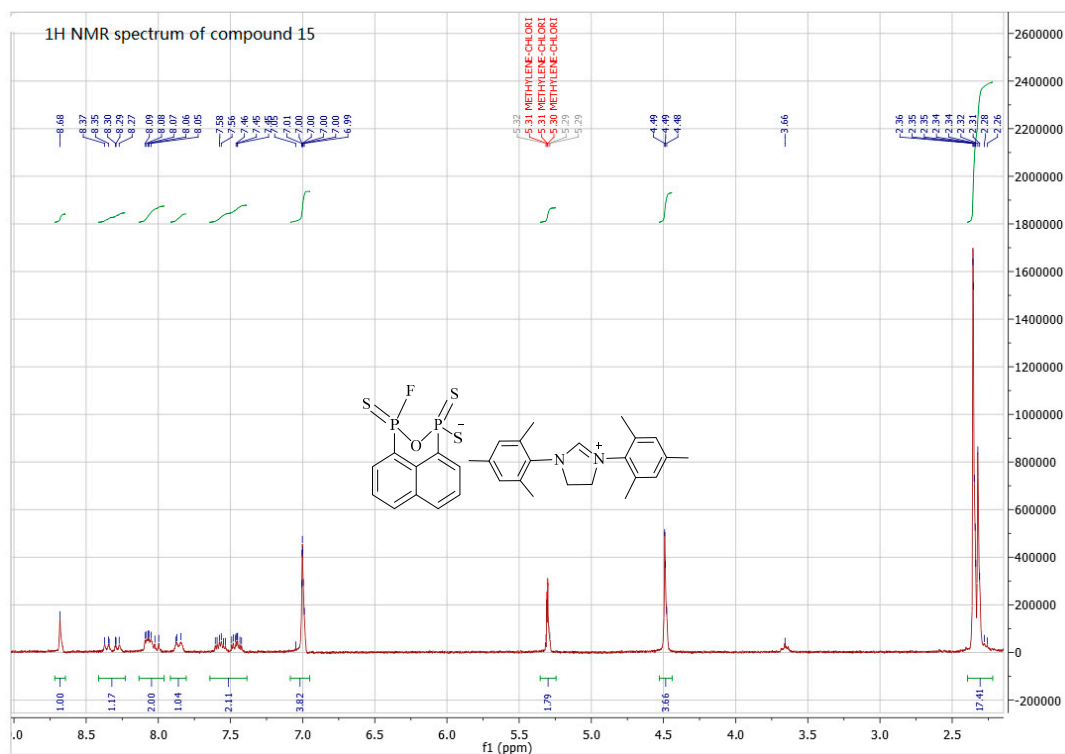


Figure S27. ¹H-NMR spectra of compound 15.

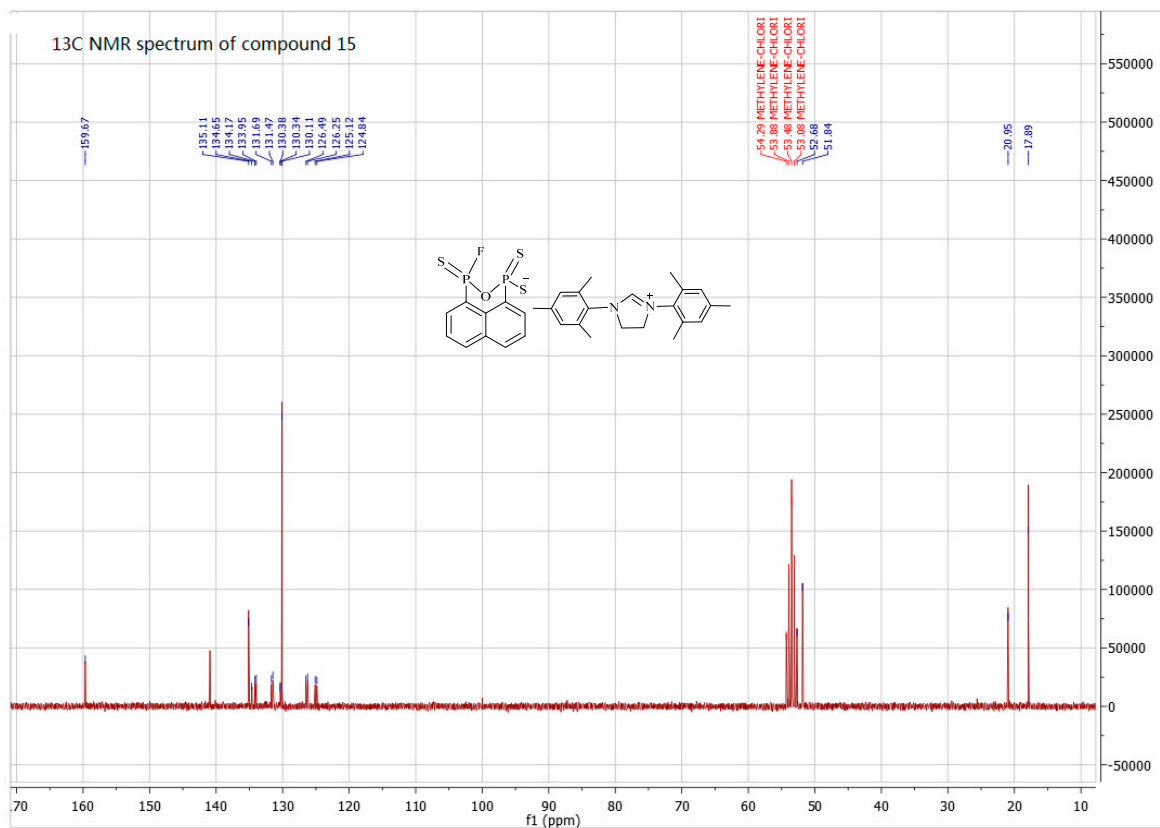
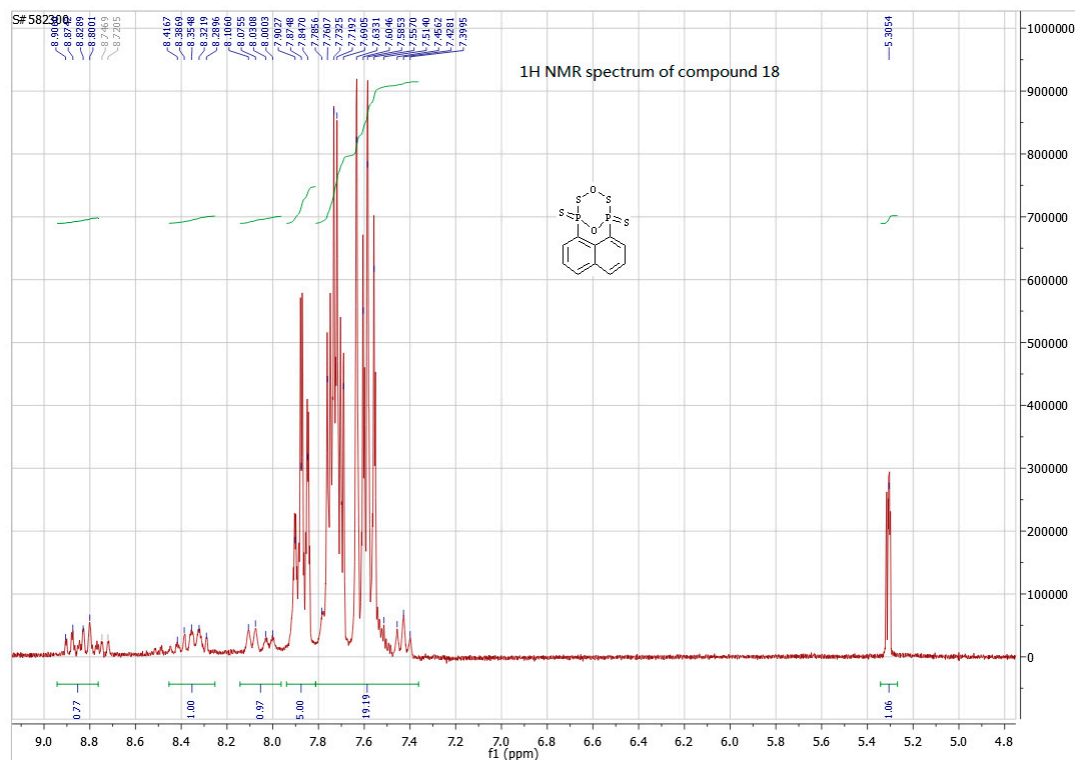
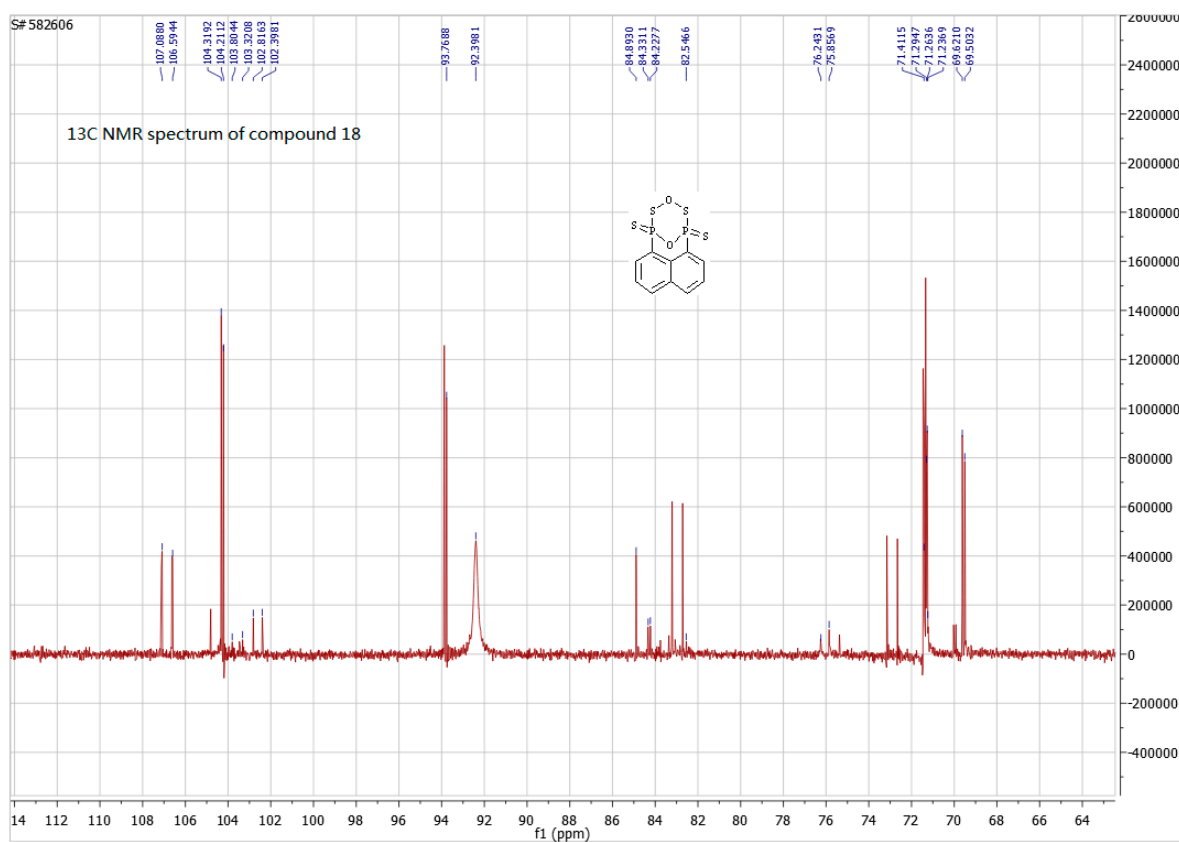


Figure S28. ¹³C-NMR spectra of compound 15.

Figure S29. ¹H-NMR spectra of compound 18.Figure S30. ¹³C-NMR spectra of compound 18.

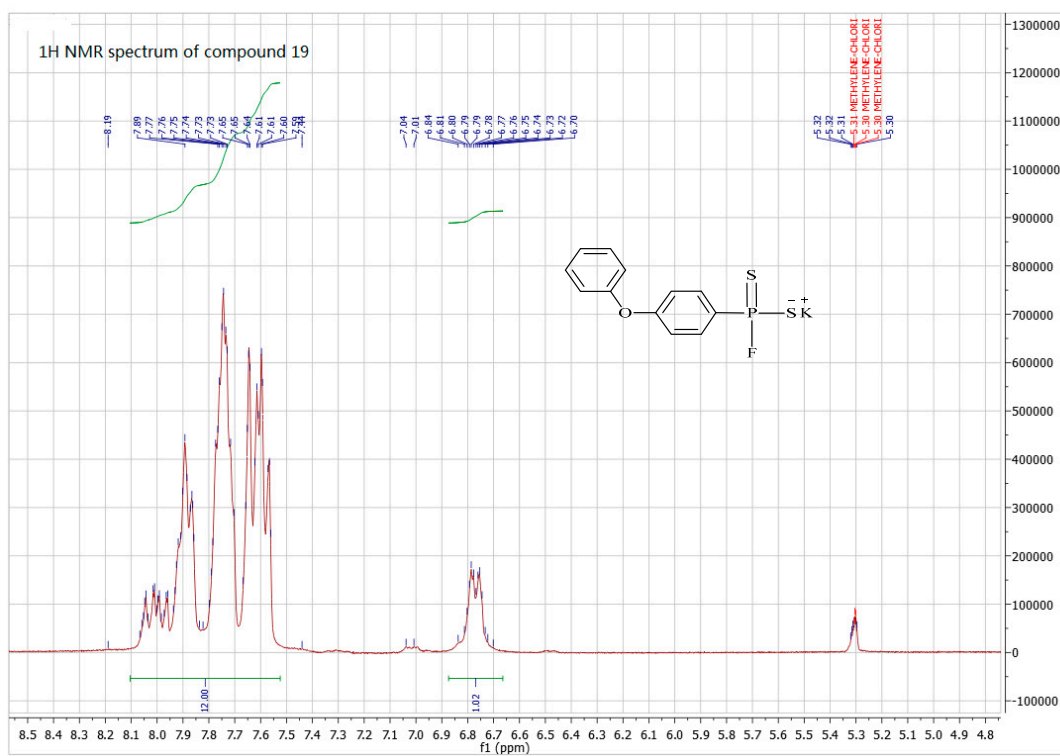


Figure S31. ¹H-NMR spectra of compound 19.

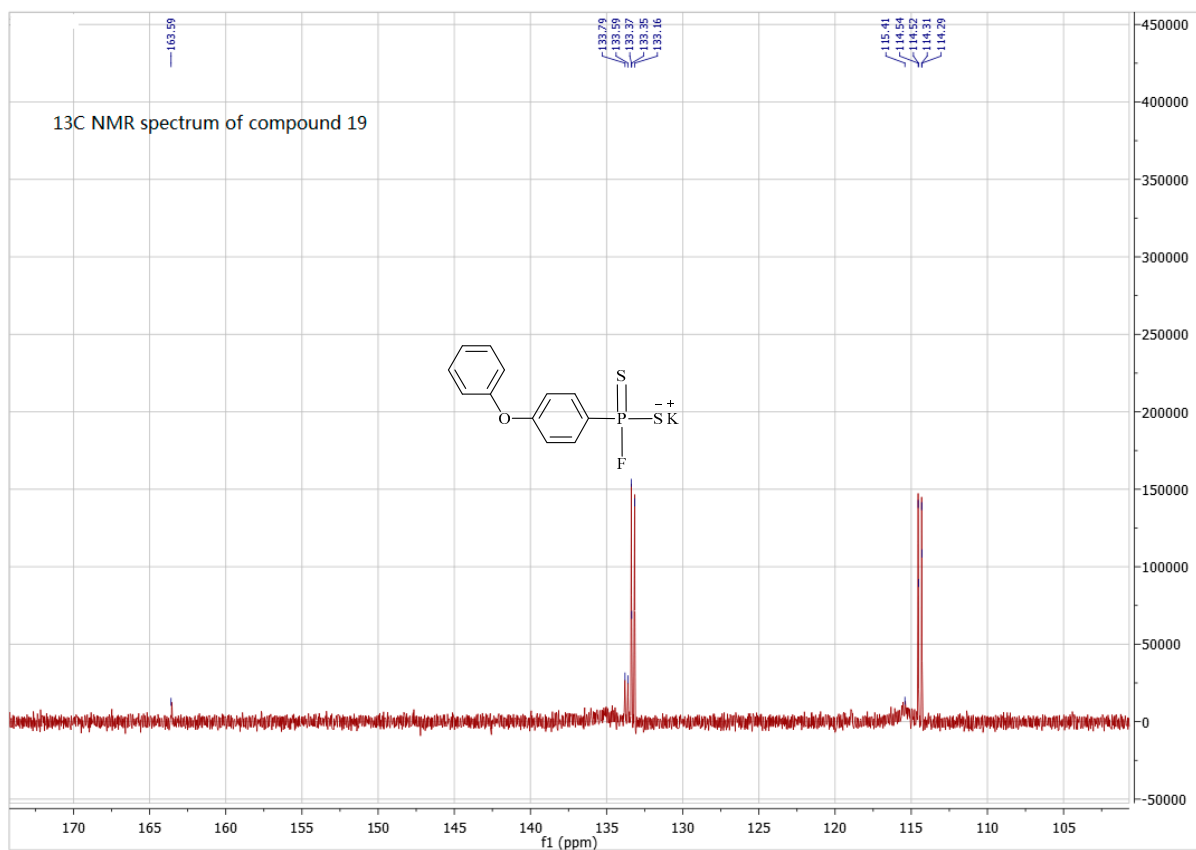
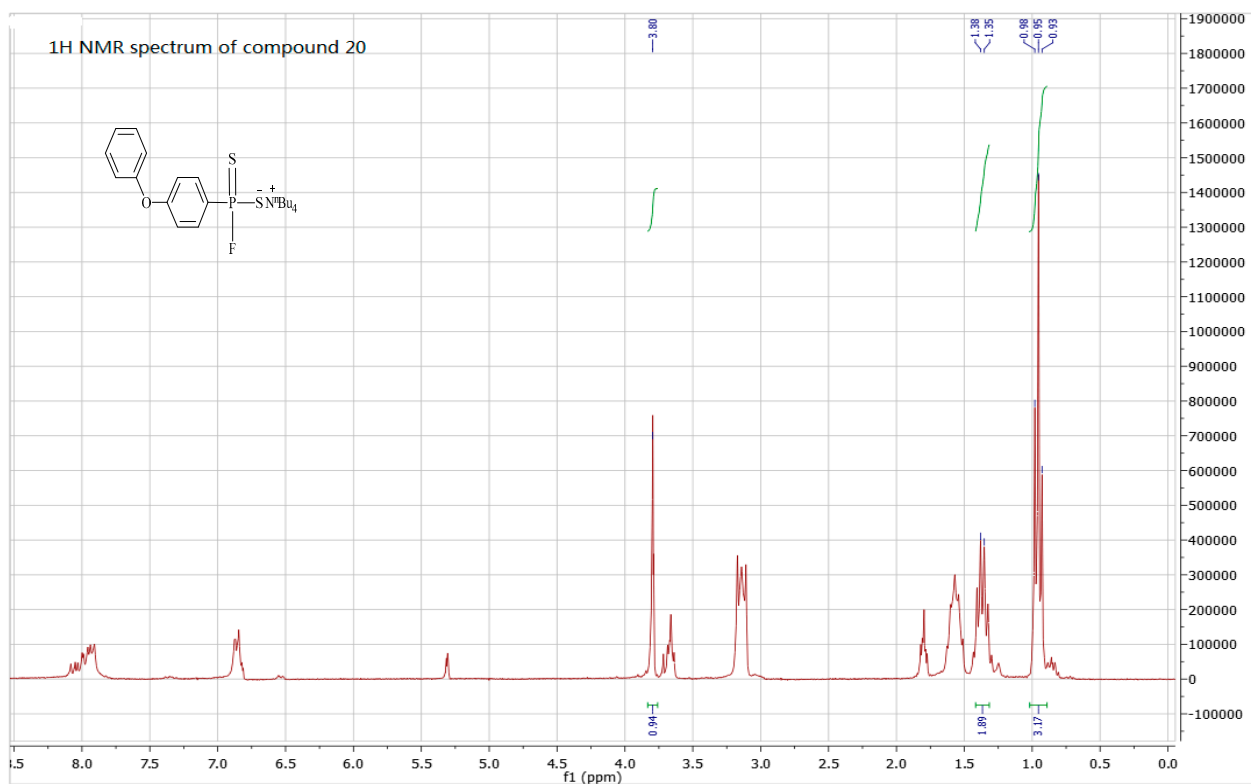
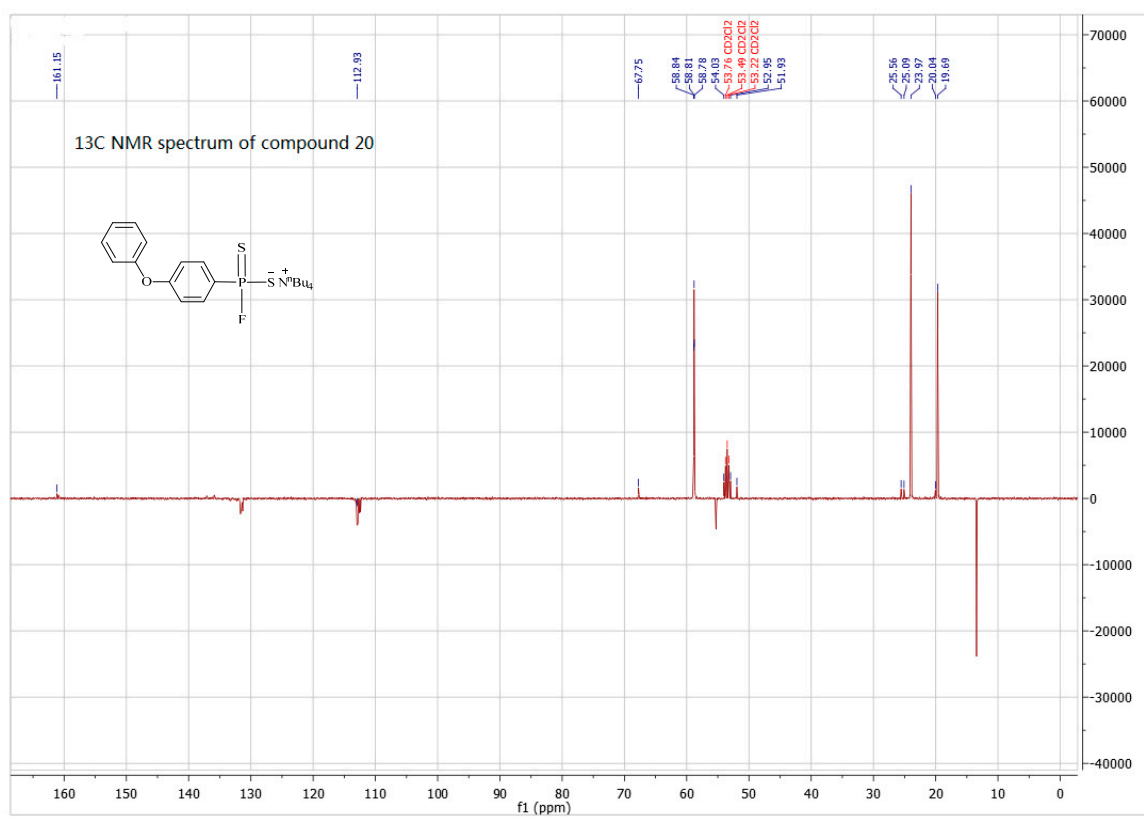
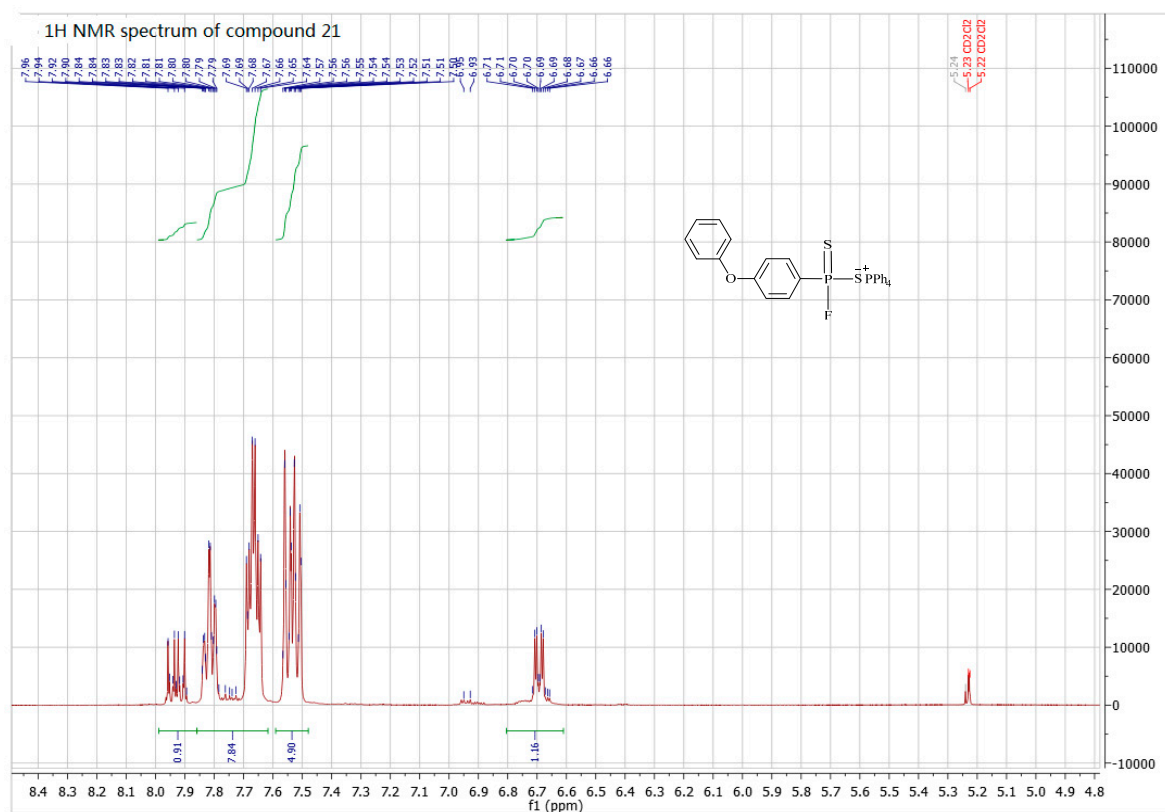
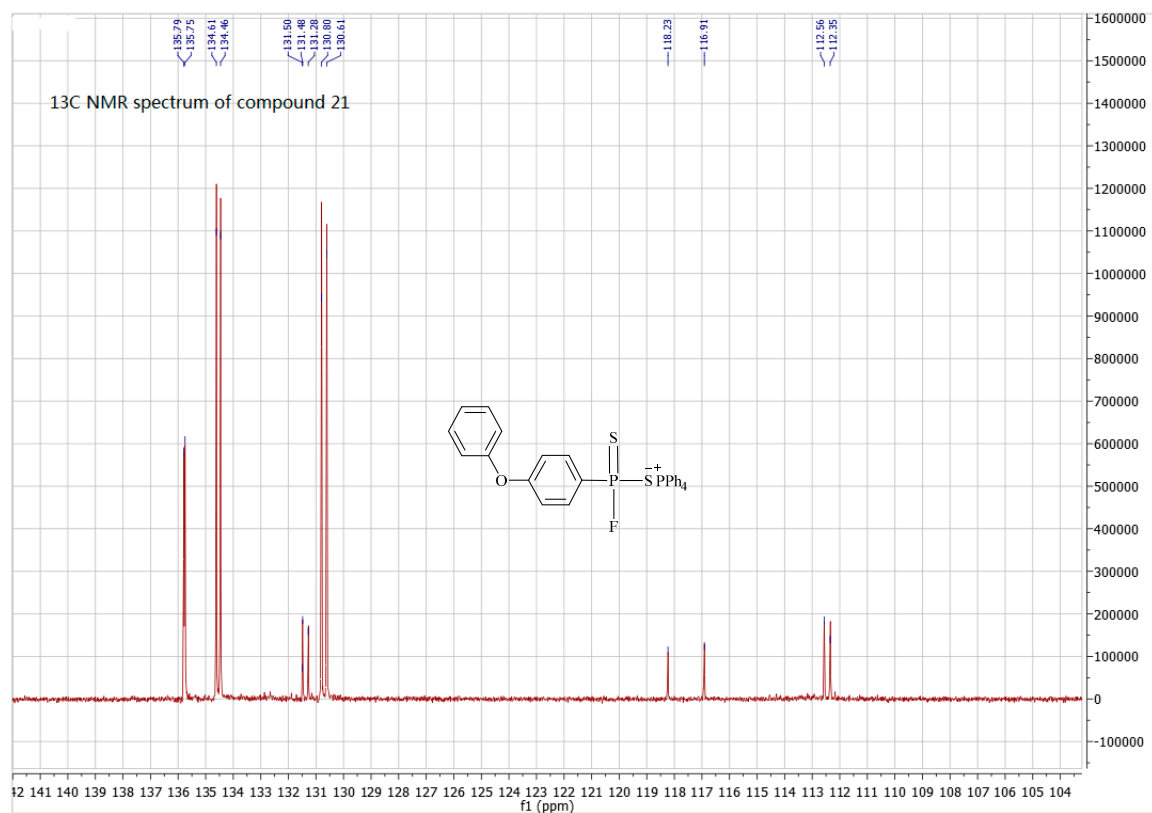


Figure S32. ¹³C-NMR spectra of compound 19.

Figure S33. ¹H-NMR spectra of compound 20.Figure S34. ¹³C-NMR spectra of compound 20.

Figure S35. ¹H-NMR spectra of compound 21.Figure S36. ¹³C-NMR spectra of compound 21.