

Supporting Information

Divergent Synthesis and Tuning of the Electronic Structures of Cobalt-Dithiolene-Fullerene Complexes for Organic Solar Cells

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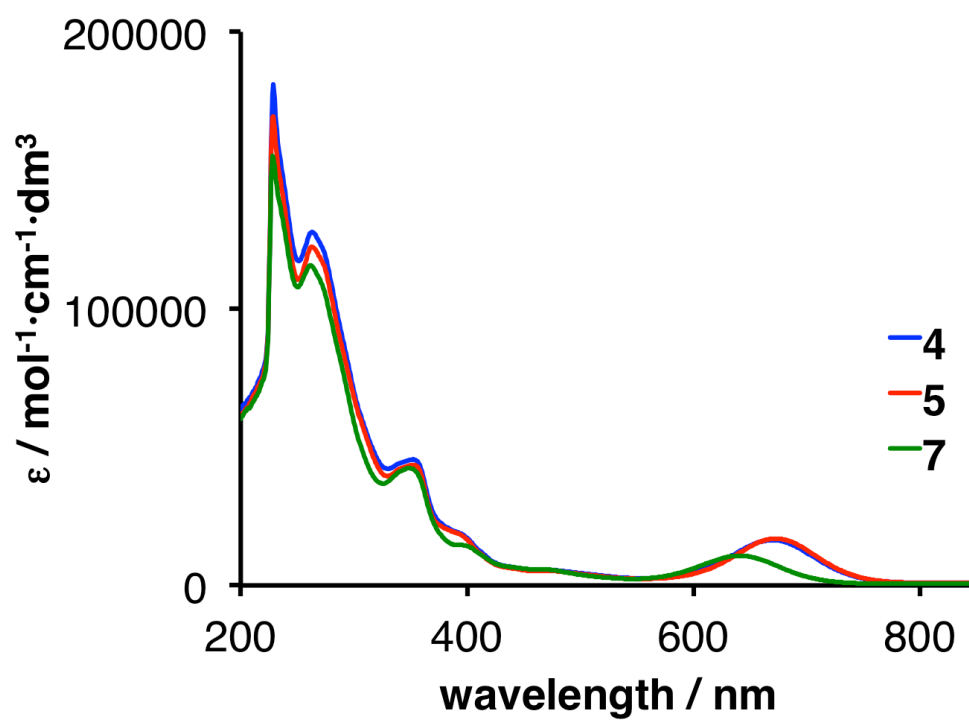


Figure S1. UV-vis absorption spectra for **4**, **5** and **7** in CH_2Cl_2 .

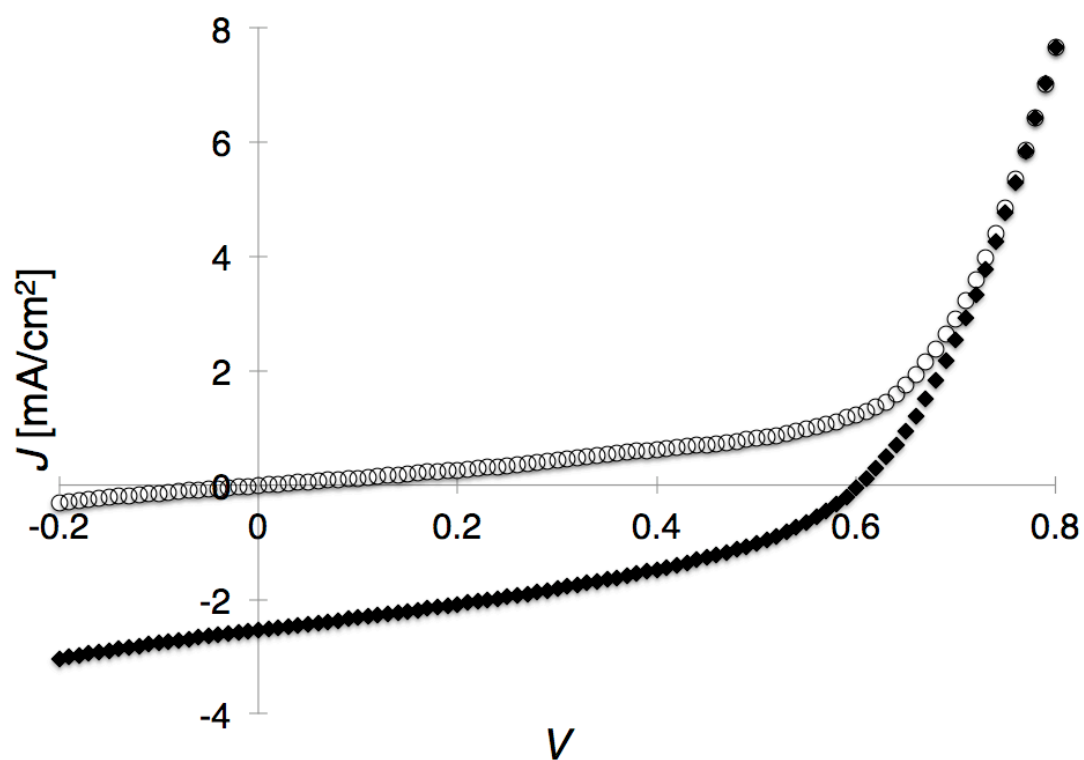


Figure S2. J - V curves for devices, glass/ITO/PEDOT:PSS/BP:9/Ca/Al, measured under AM 1.5G illumination (100 mW/cm^2 , 1 sun).

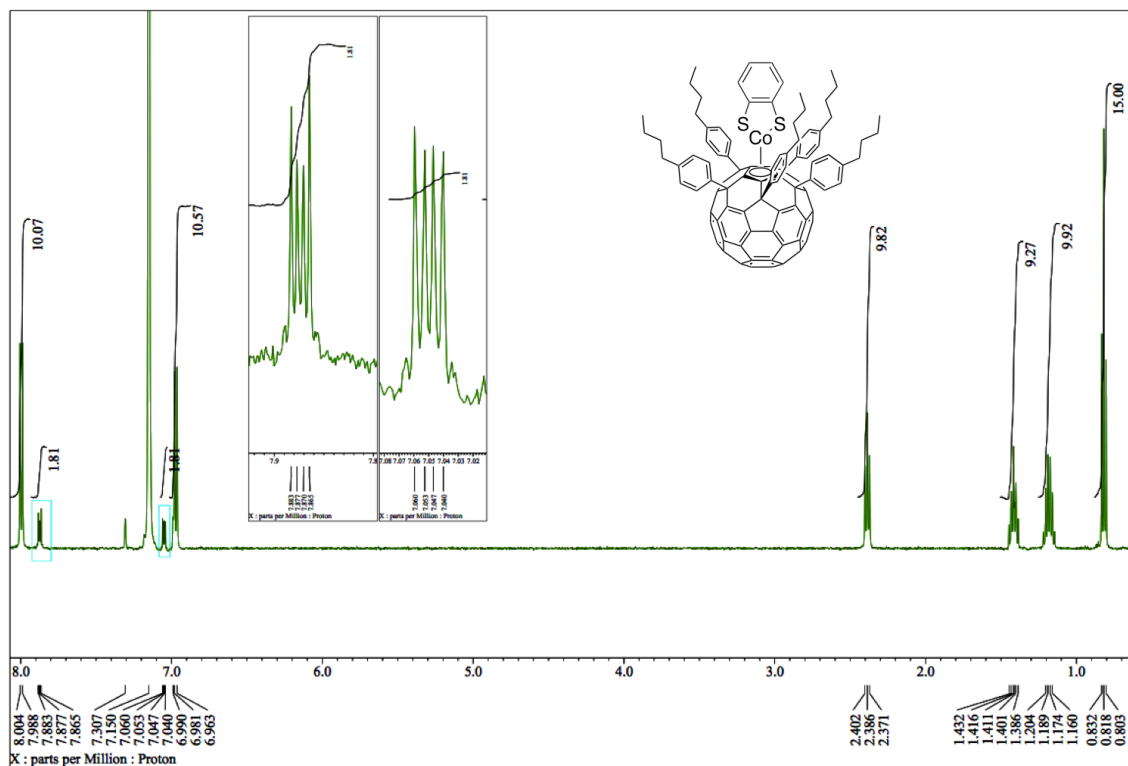


Figure S3. ^1H NMR chart for 3.

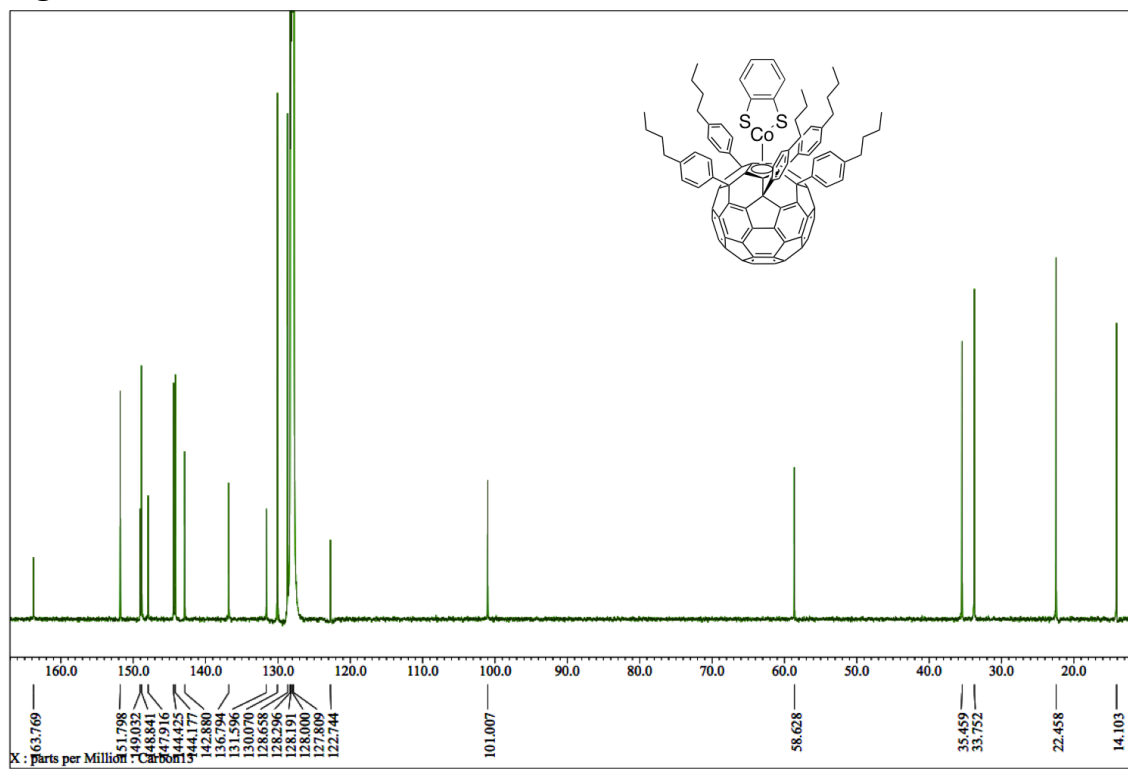


Figure S4. ^{13}C NMR chart for 3.

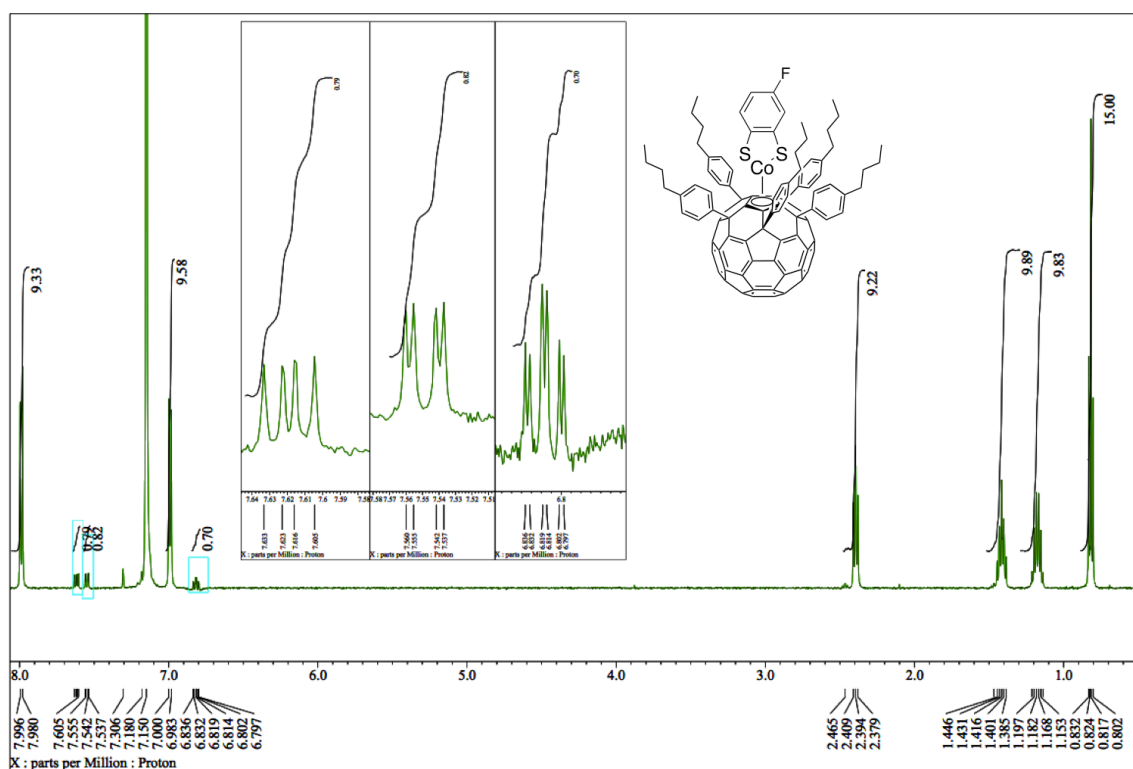


Figure S5. ¹H NMR chart for 4.

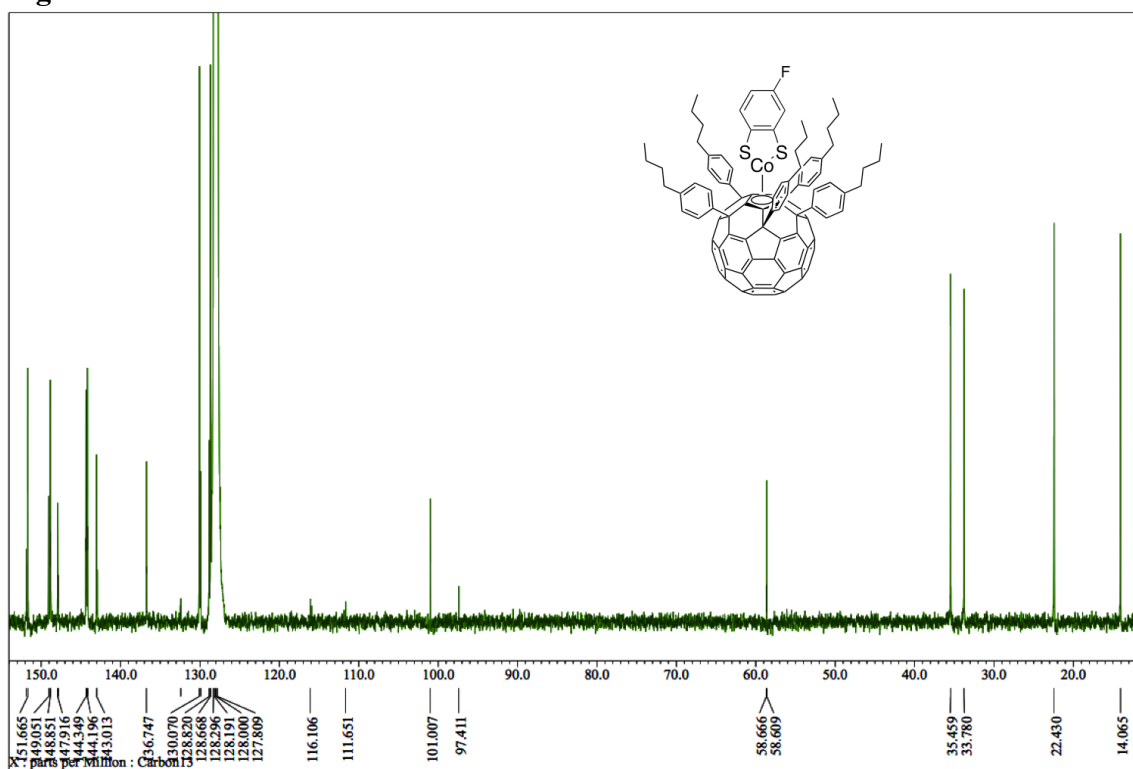


Figure S6. ¹³C NMR chart for 4.

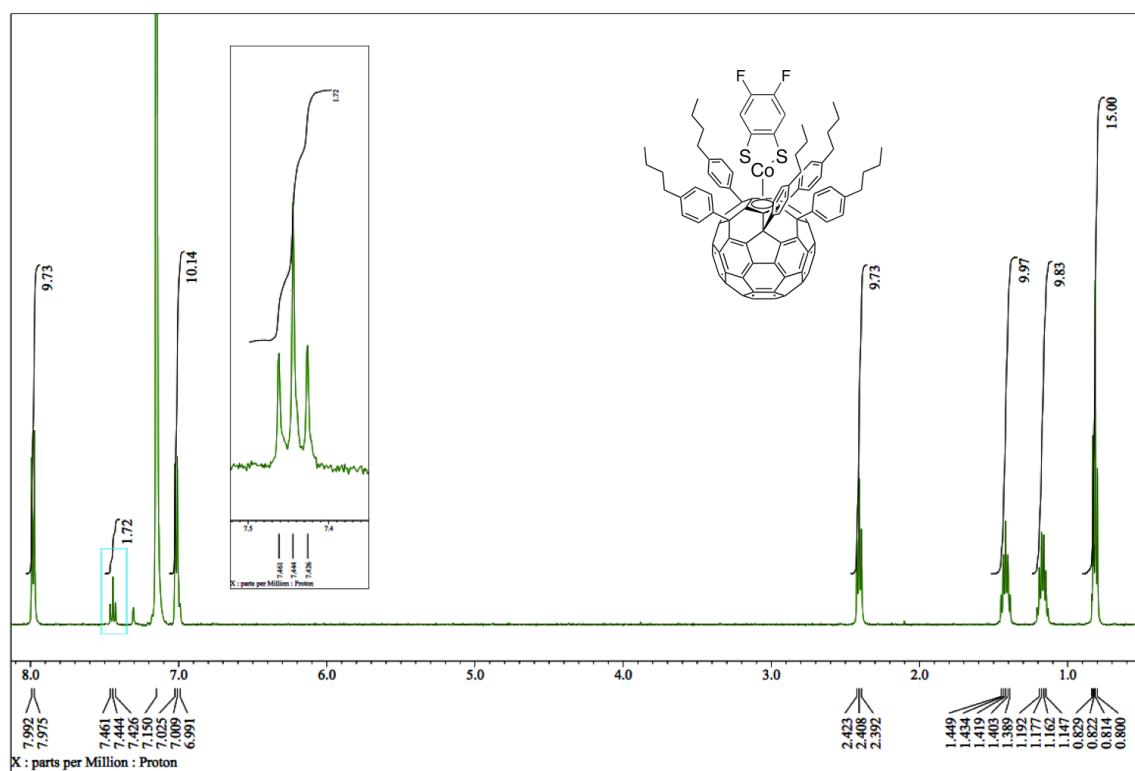


Figure S7. ¹H NMR chart for **5**.

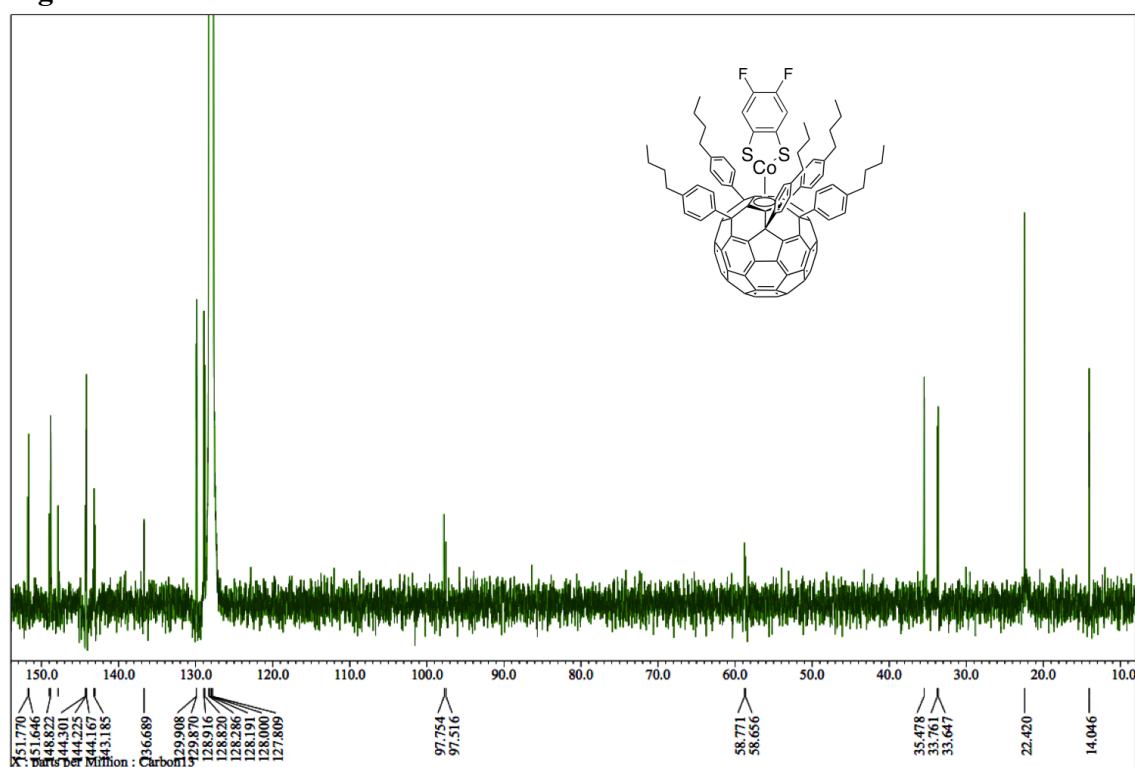


Figure S8. ¹³C NMR chart for **5**.

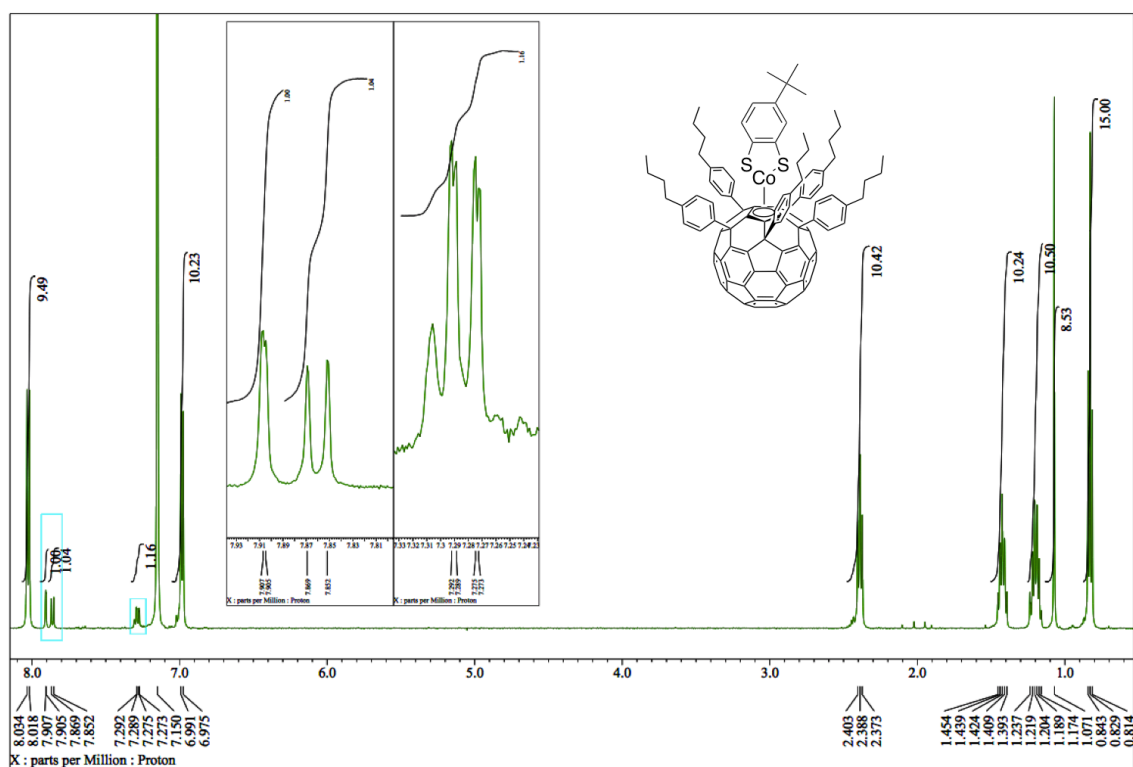


Figure S9. ^1H NMR chart for 6.

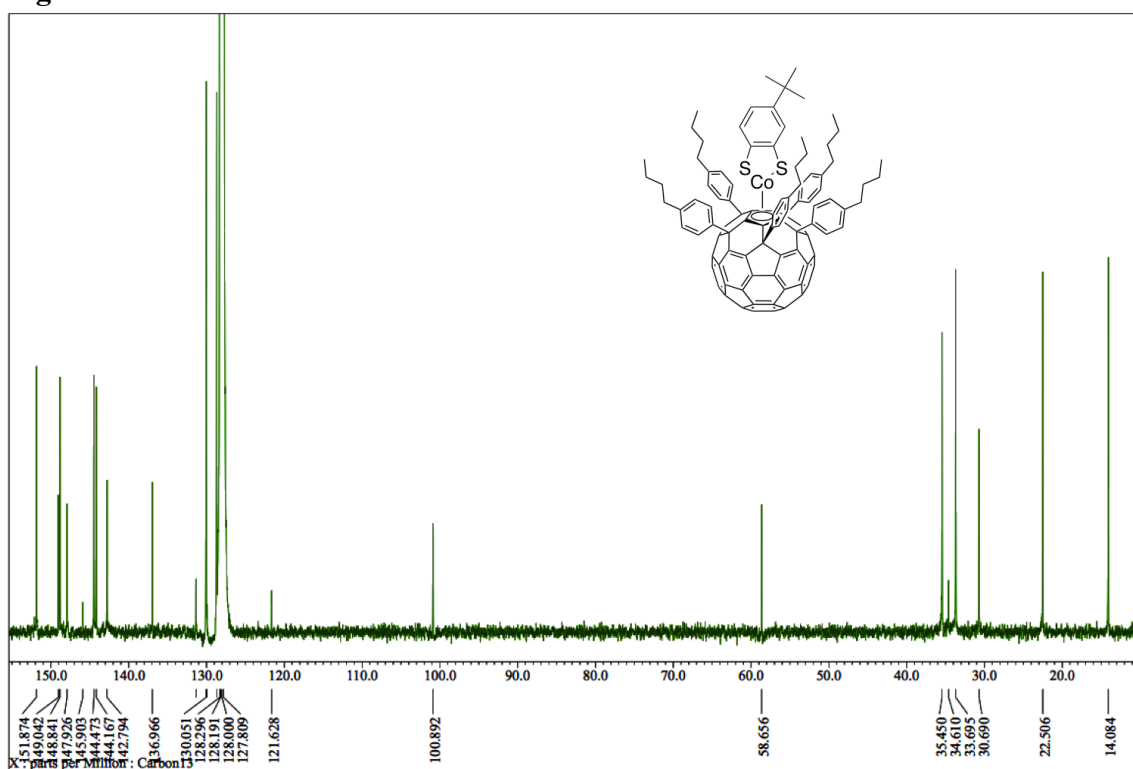


Figure S10. ^{13}C NMR chart for 6.

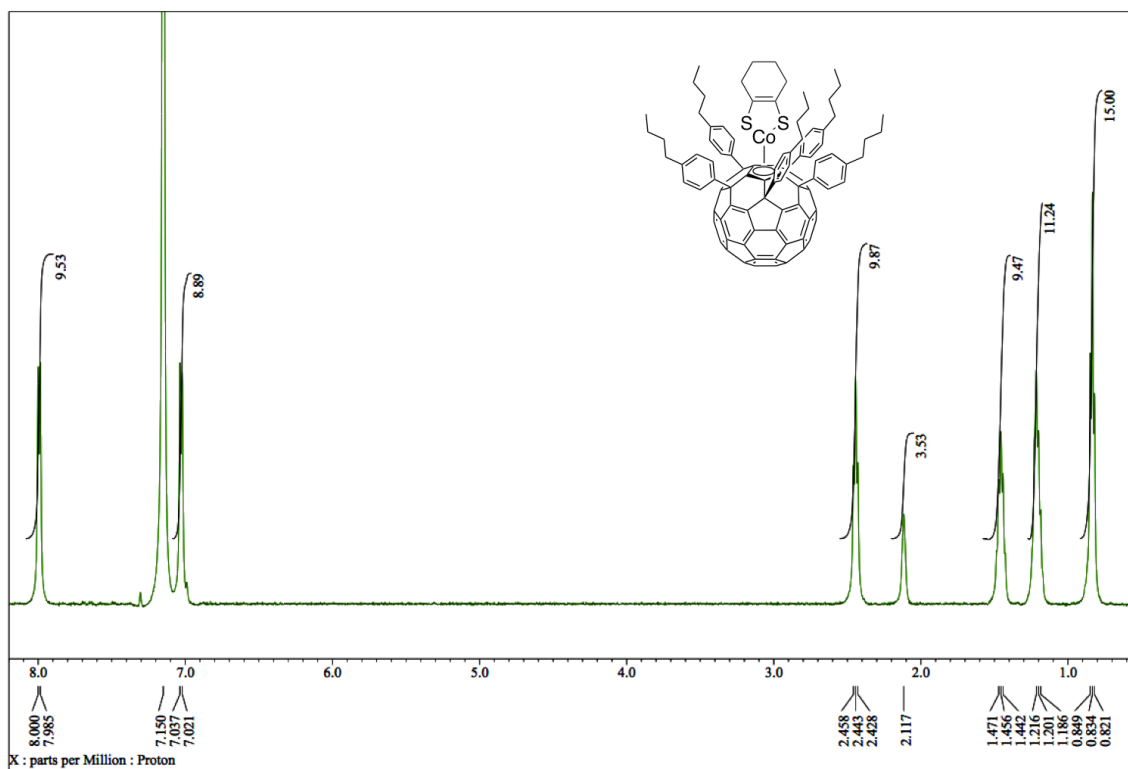


Figure S11. ^1H NMR chart for 7.

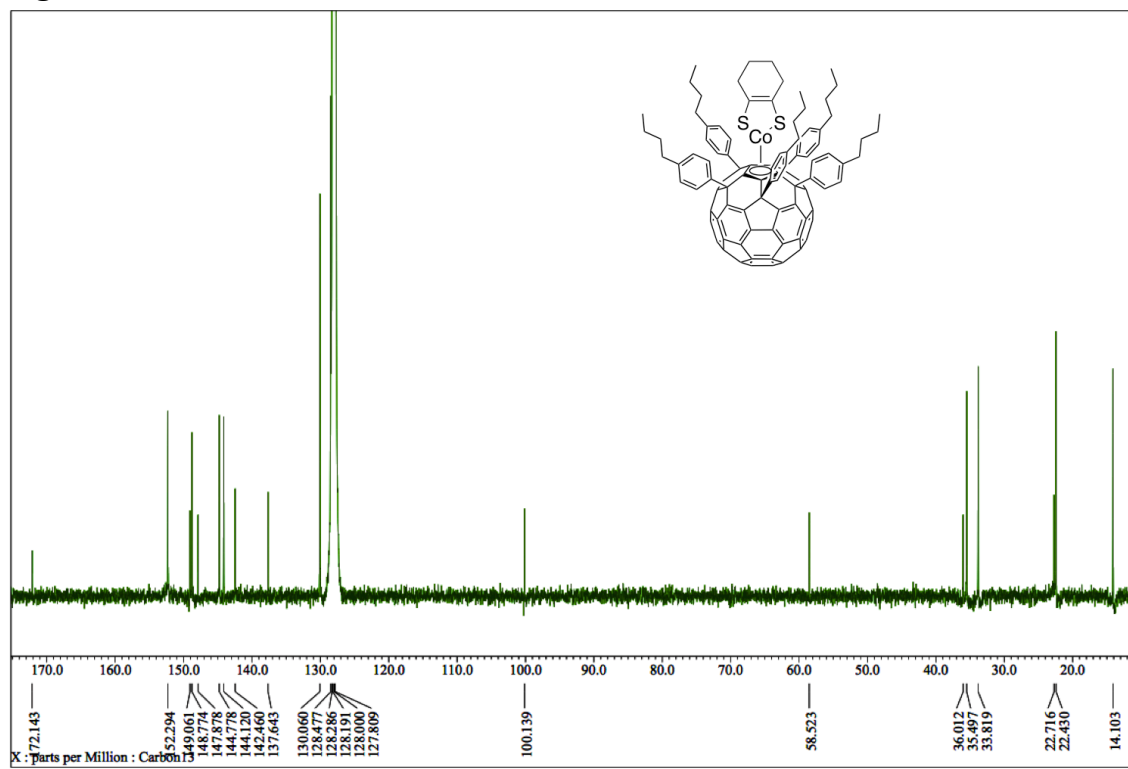


Figure S12. ^{13}C NMR chart for 7.

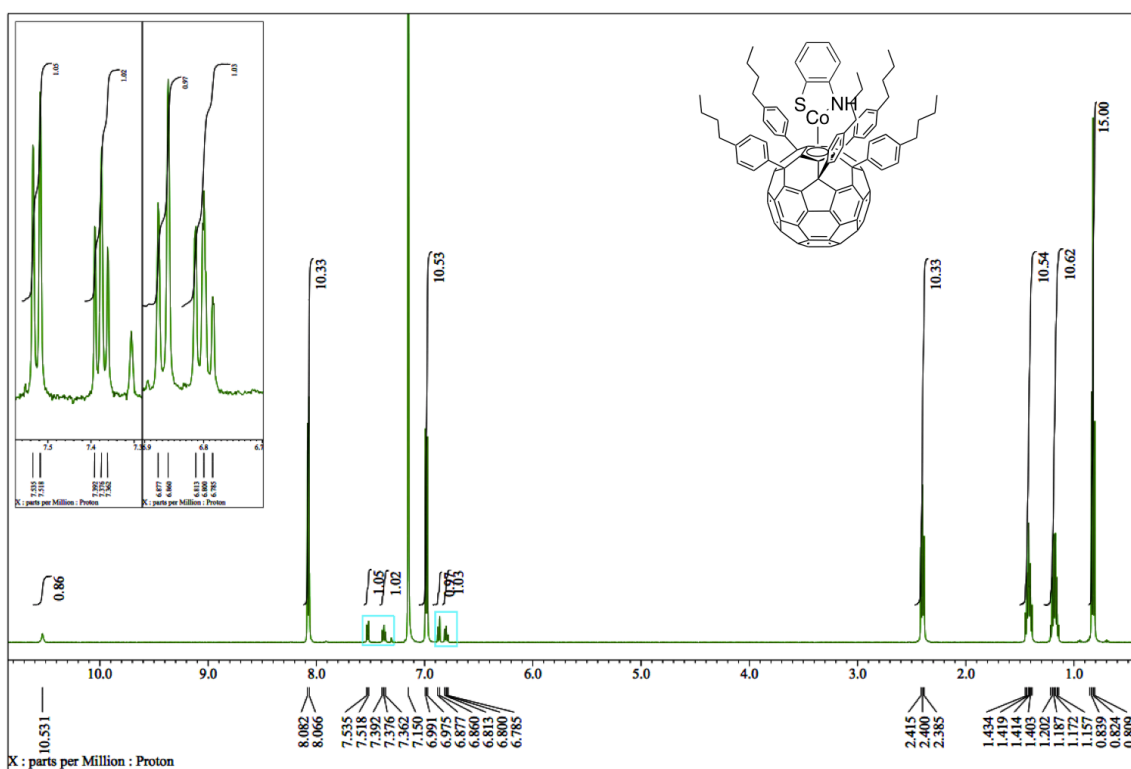


Figure S13. ¹H NMR chart for **8**.

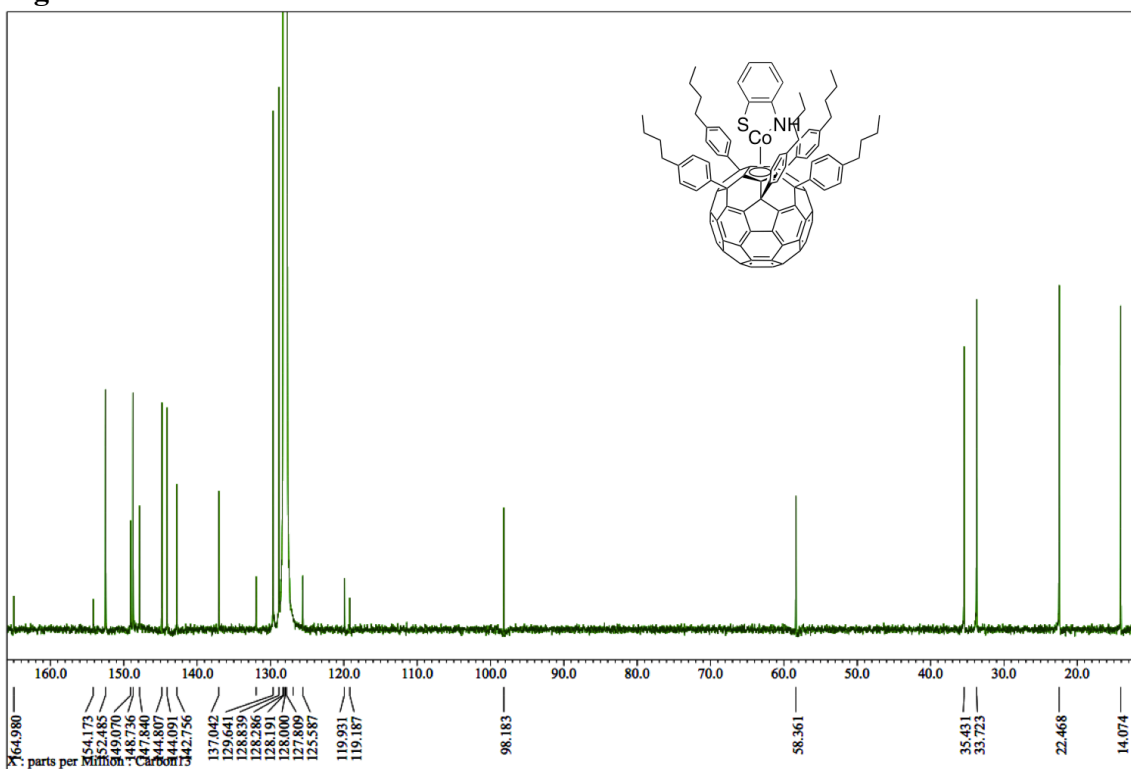


Figure S14. ¹³C NMR chart for **8**.

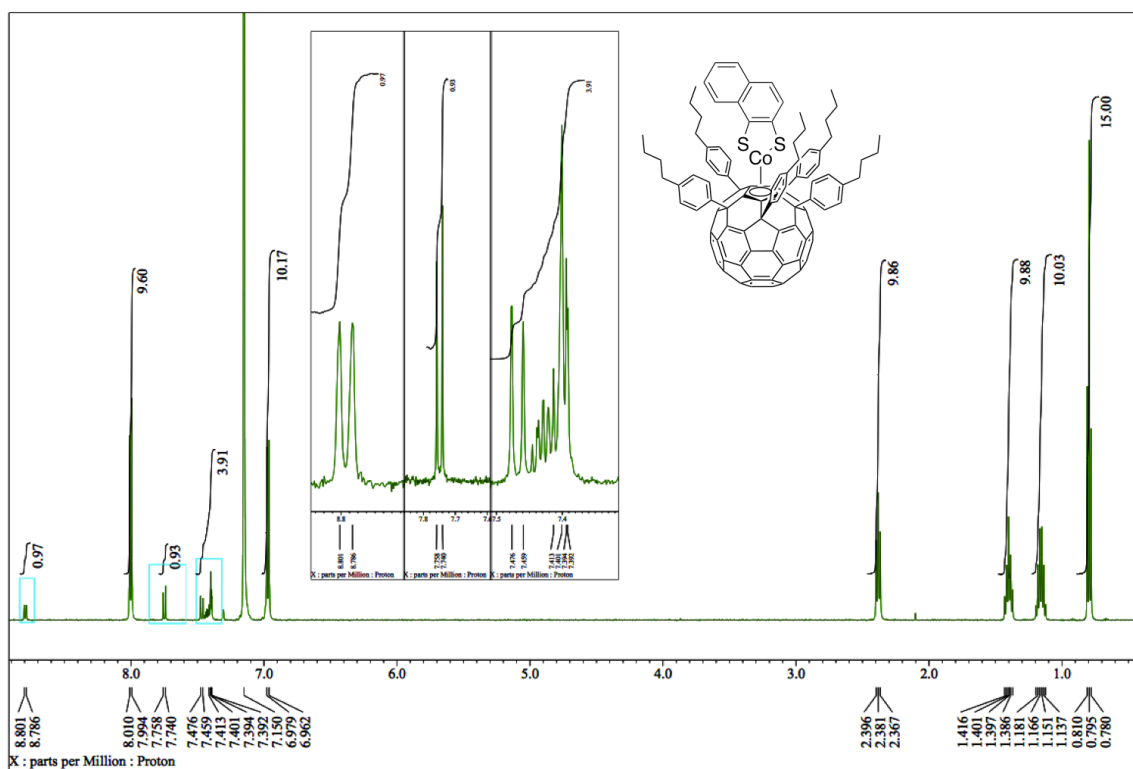


Figure S15. ¹H NMR chart for **9**.

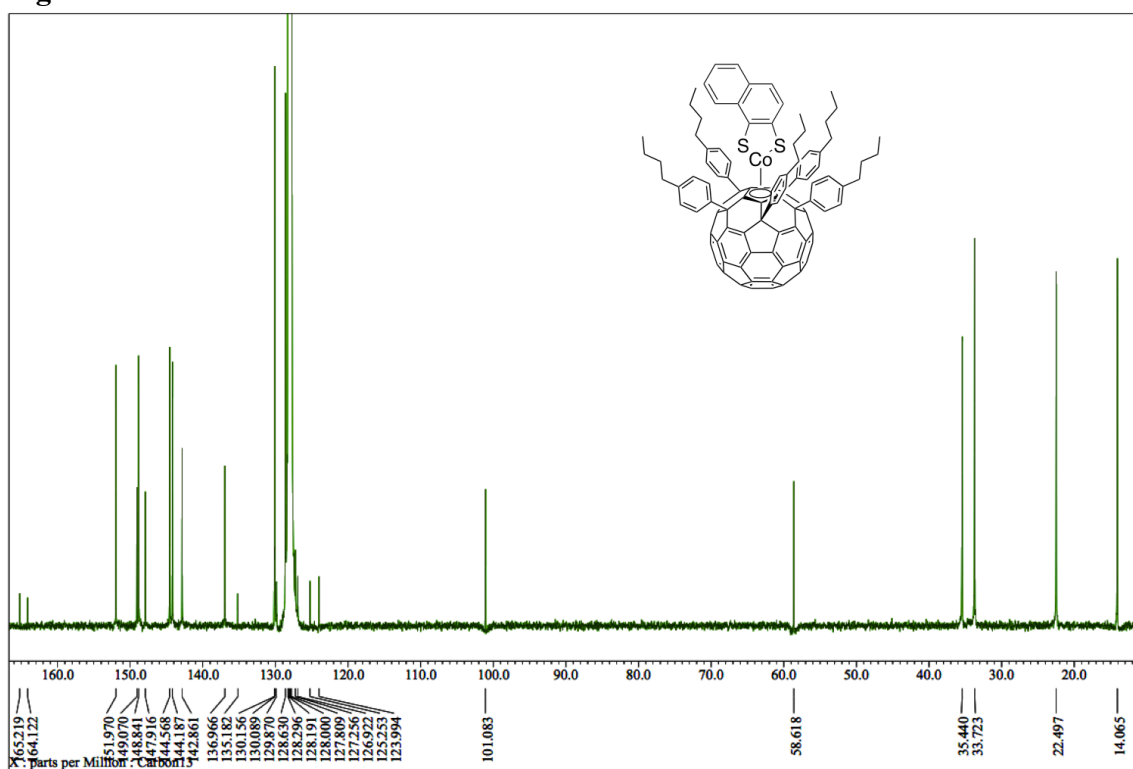


Figure S16. ¹³C NMR chart for **9**.