

Supporting Information

Synthesis, Structures, and Norbornene Polymerization Behavior of C(sp³), N-Chelated Palladacycles Bearing *o*-Aryloxide-N-Heterocyclic Carbene Ligands

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Figure S1-S10. ¹H and ¹³C NMR spectra of complexes **4a-e**.

Figure S11. FT IR spectrum of PNB (entry 7).

Figure S12. TGA curve of PNB (entry 7).

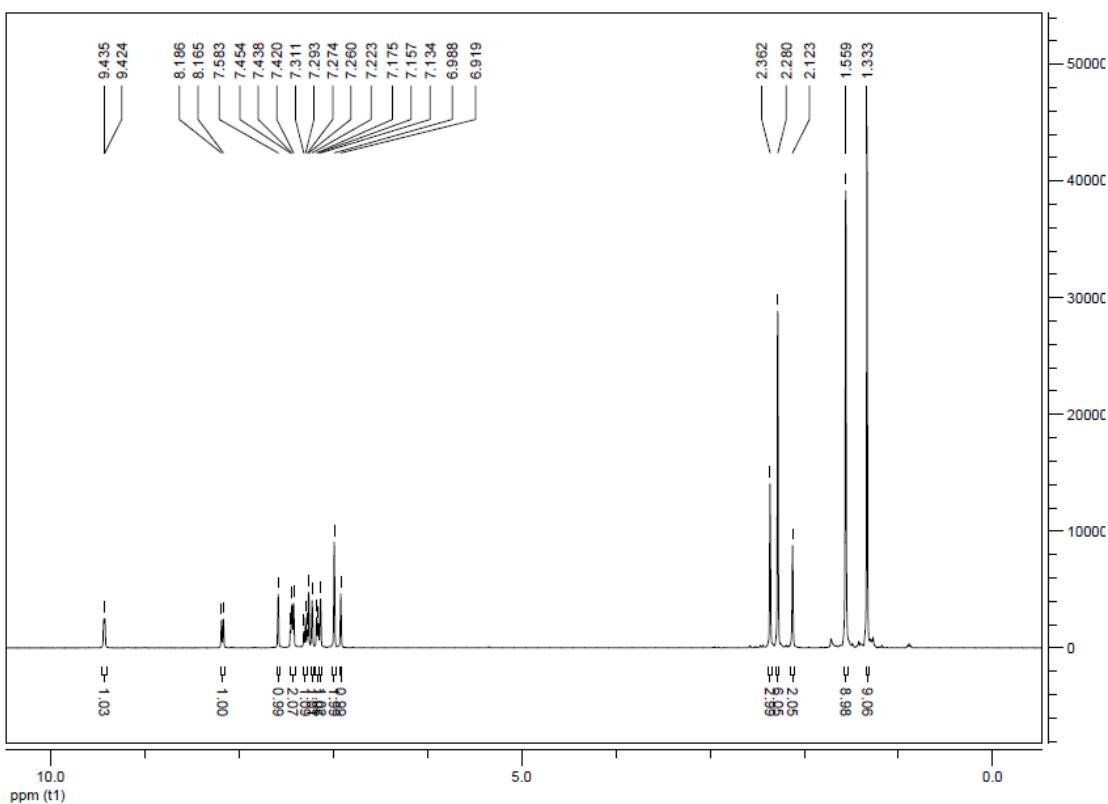


Figure S1. ^1H NMR(400 MHz, CDCl_3) spectrum of complex **4a**

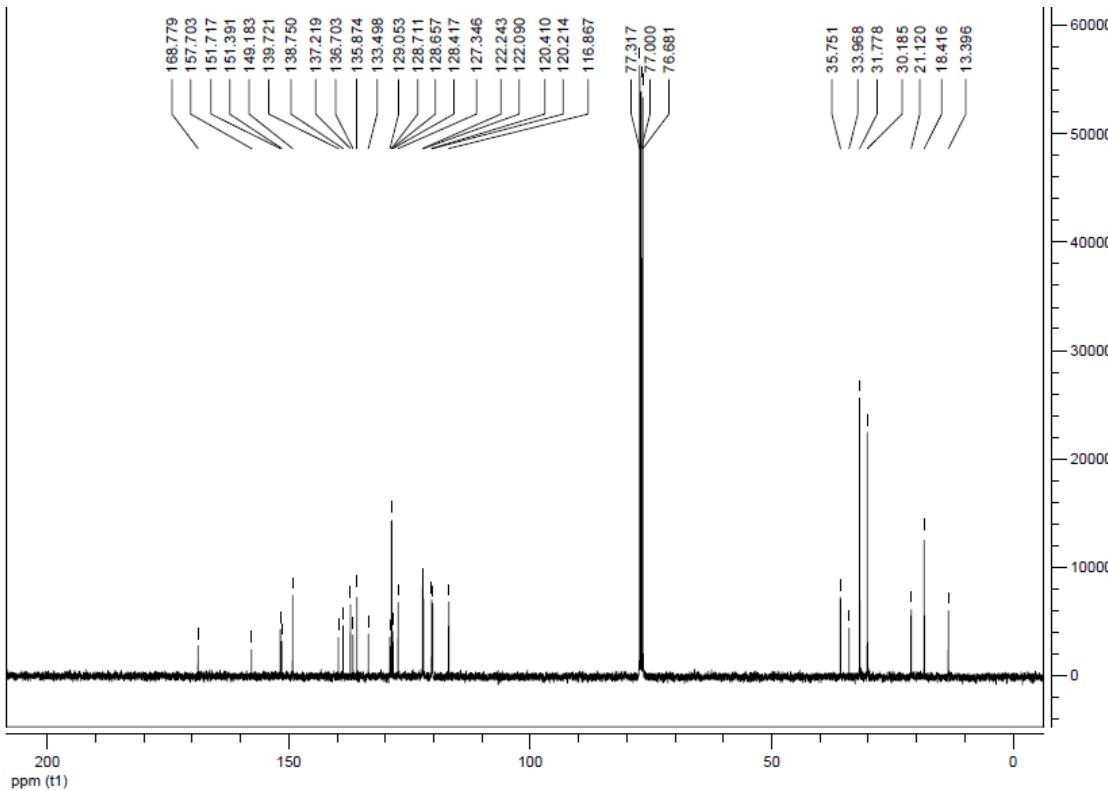


Figure S2. ^{13}C NMR(100 MHz, CDCl_3) spectrum of complex **4a**

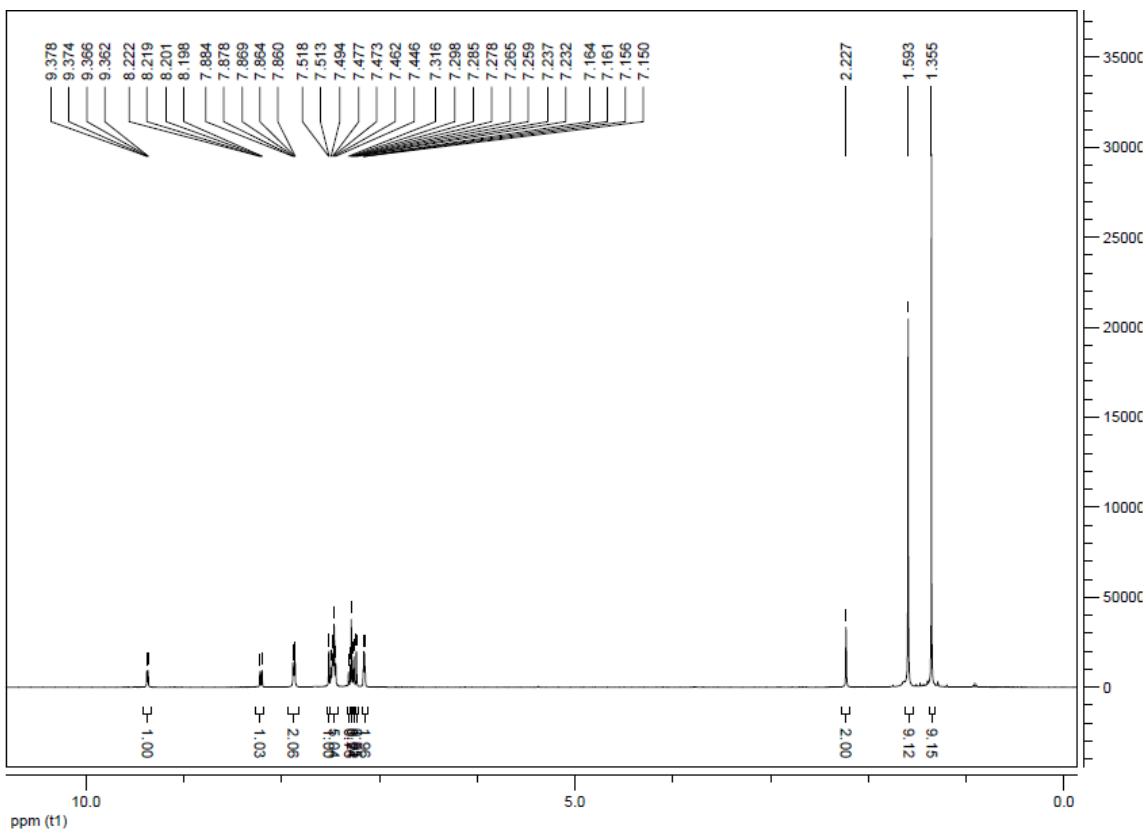


Figure S3. ^1H NMR(400 MHz, CDCl_3) spectrum of complex **4b**

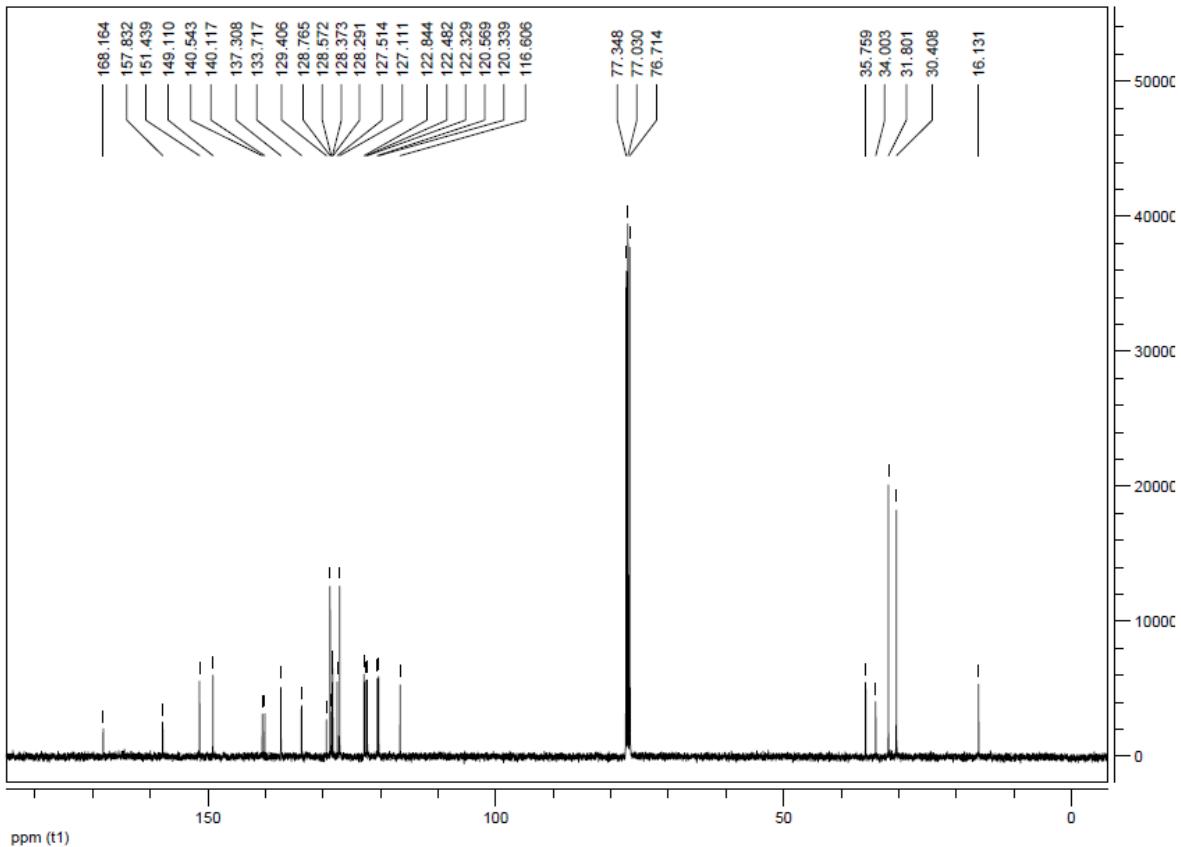
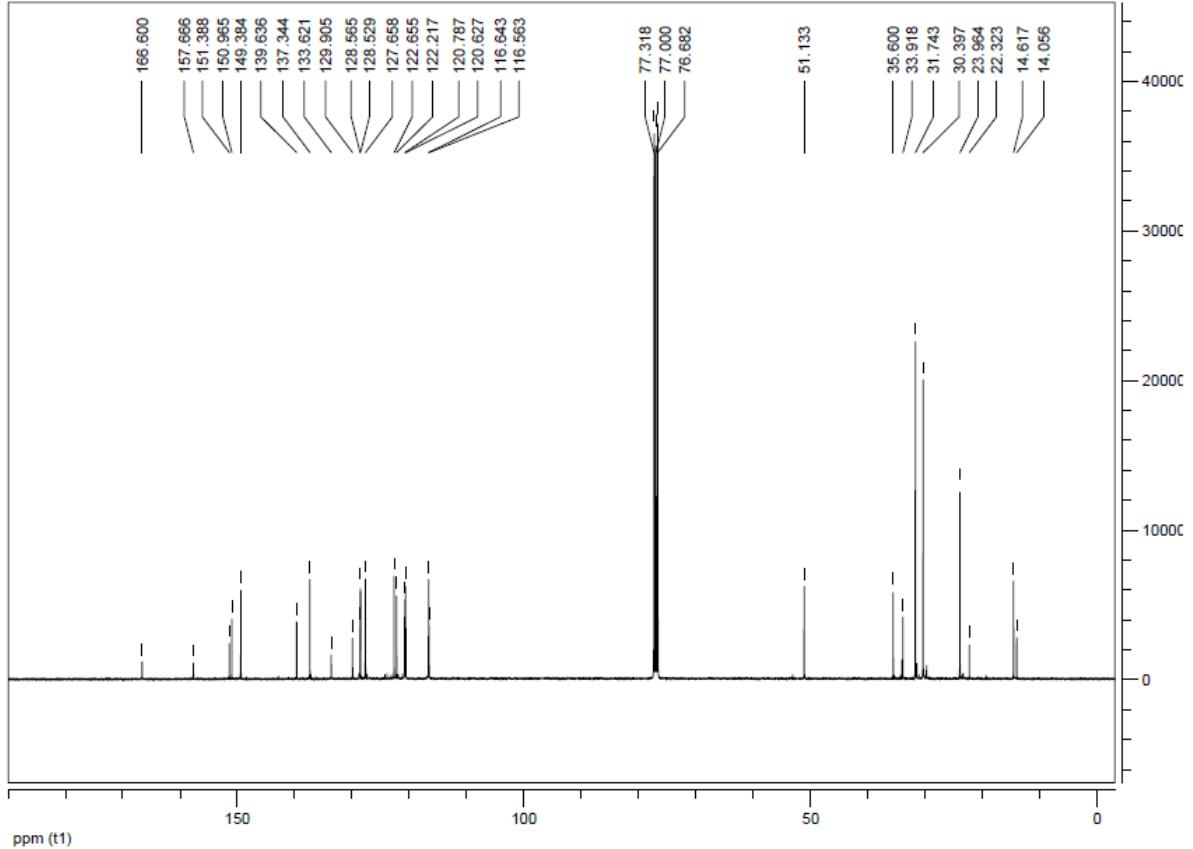
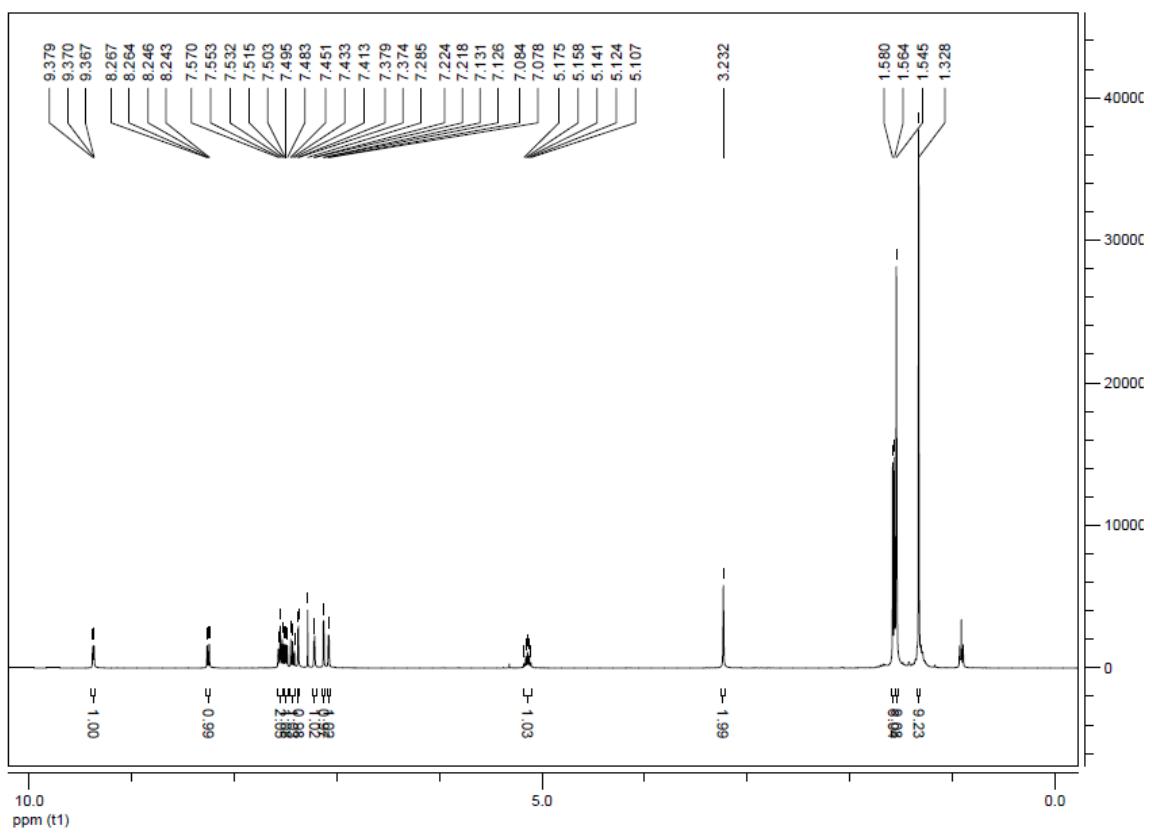


Figure S4. ^{13}C NMR(100 MHz, CDCl_3) spectrum of complex **4b**



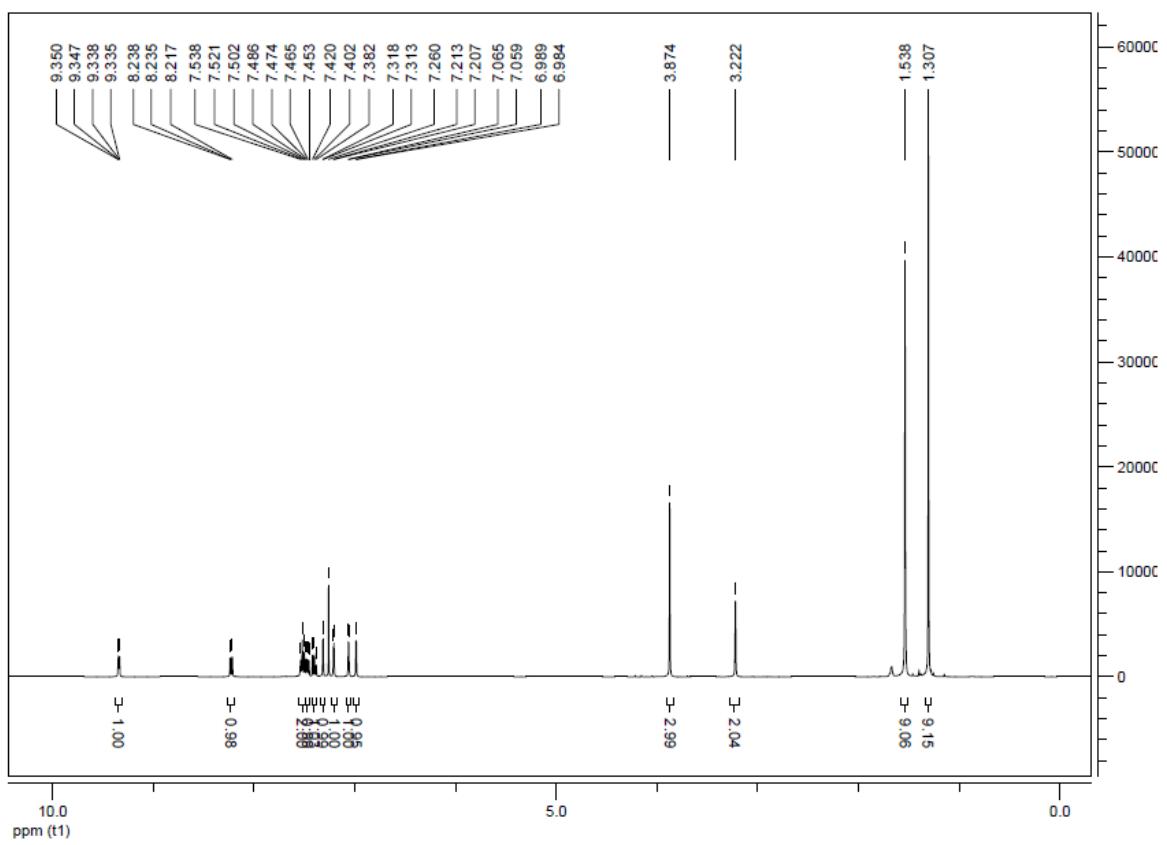


Figure S7. ^1H NMR(400 MHz, CDCl_3) spectrum of complex **4d**

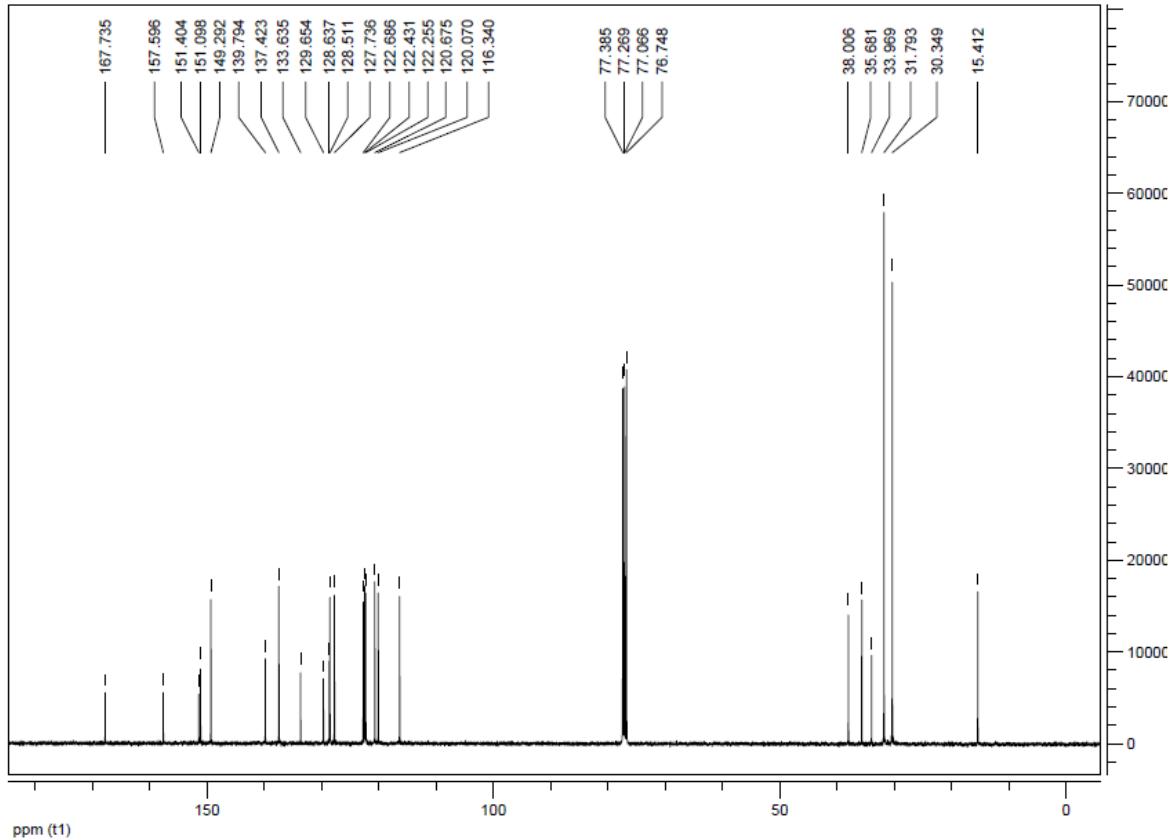


Figure S8. ^{13}C NMR(100 MHz, CDCl_3) spectrum of complex **4d**

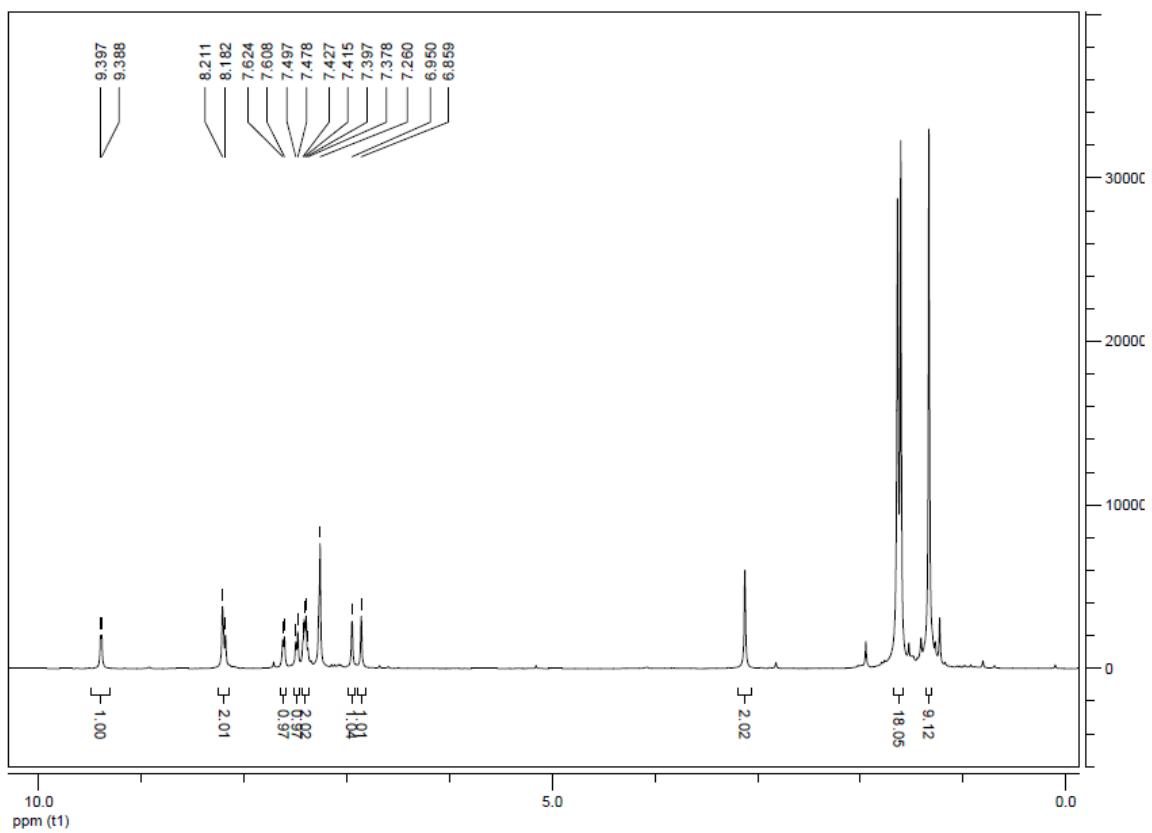


Figure S9. ^1H NMR(400 MHz, CDCl₃) spectrum of complex **4e**

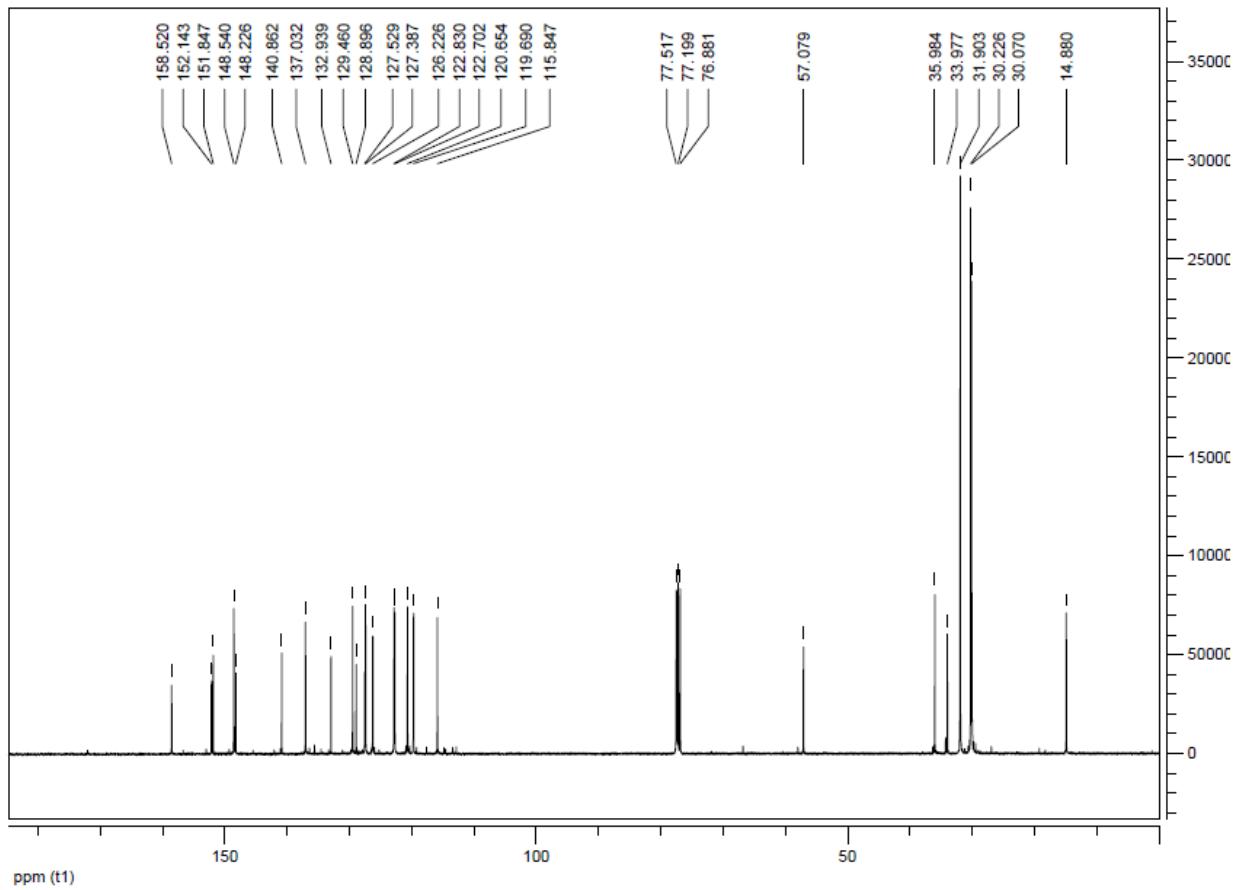


Figure S10. ^{13}C NMR(100 MHz, CDCl₃) spectrum of complex **4e**

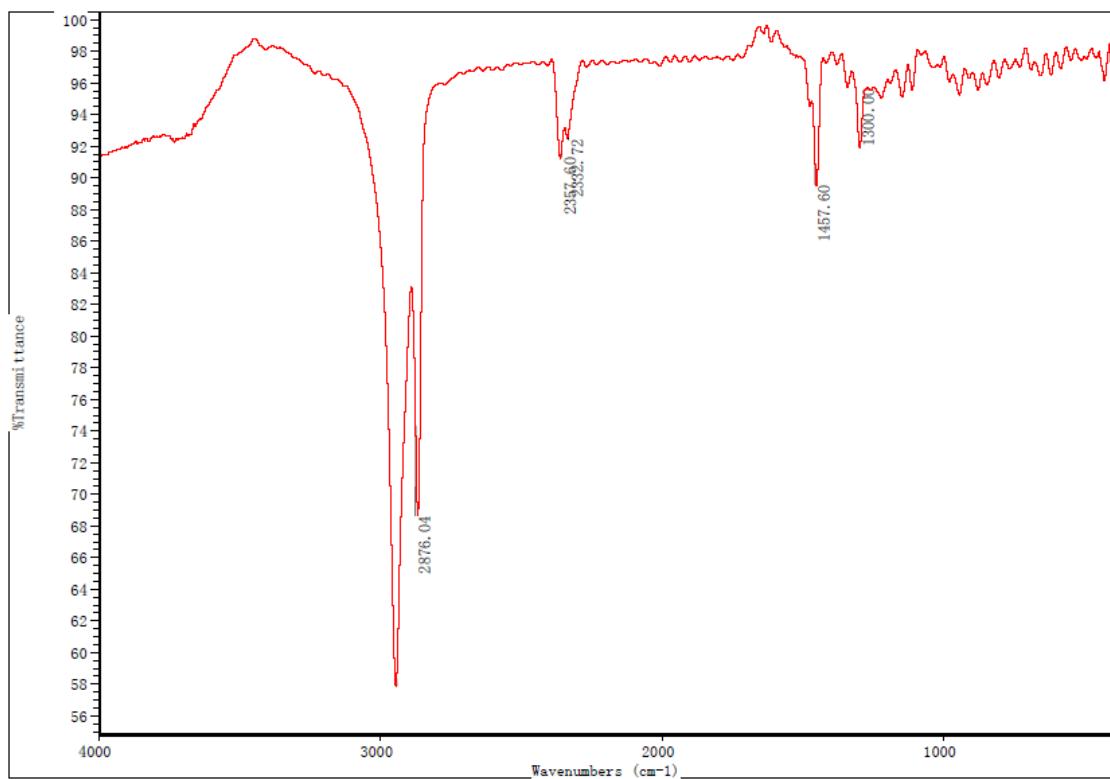


Figure S11. FT IR spectrum of PNB (entry 7).

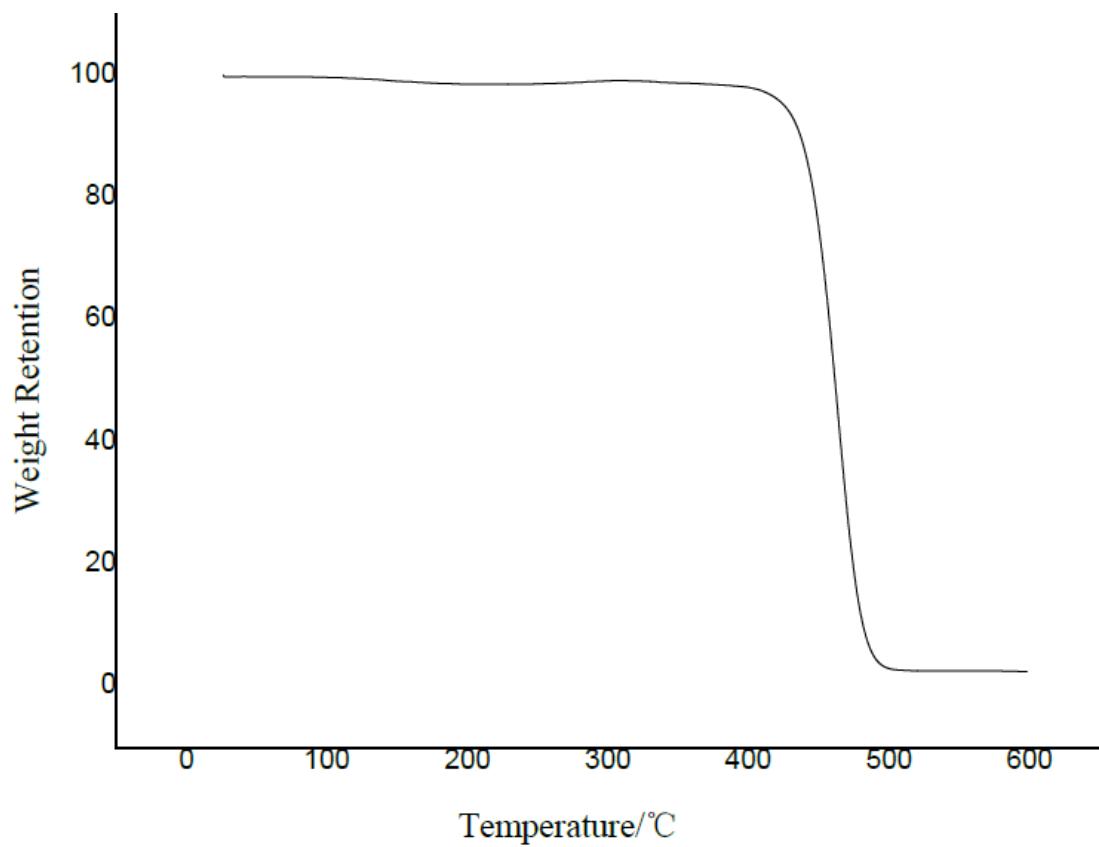


Figure S12. TGA curve of PNB (entry 7).