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Palladium-Bisoxazoline Supported Catalyst for Selective Synthesis of Aryl Esters and Aryl Amides via Carbonylative Coupling Reactions

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Supplementary information

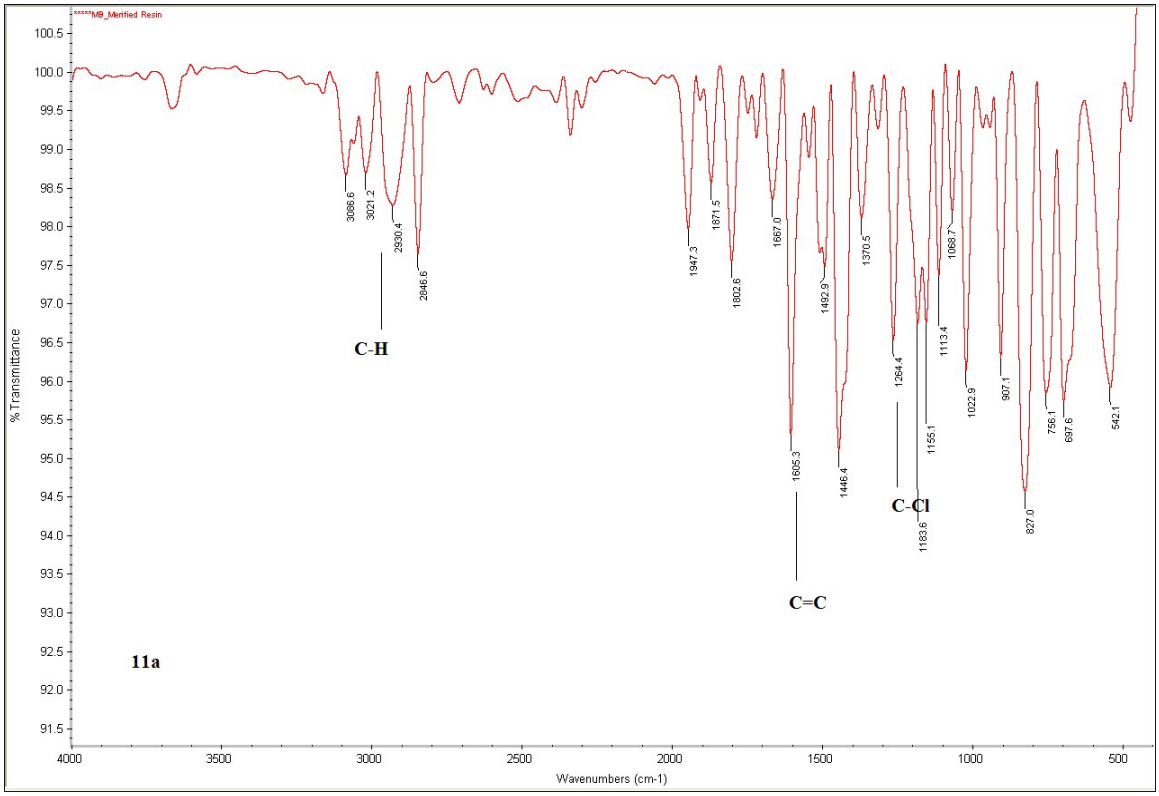

Figure S1. FT-IR Spectrum of Unmodified Merifield's Resin

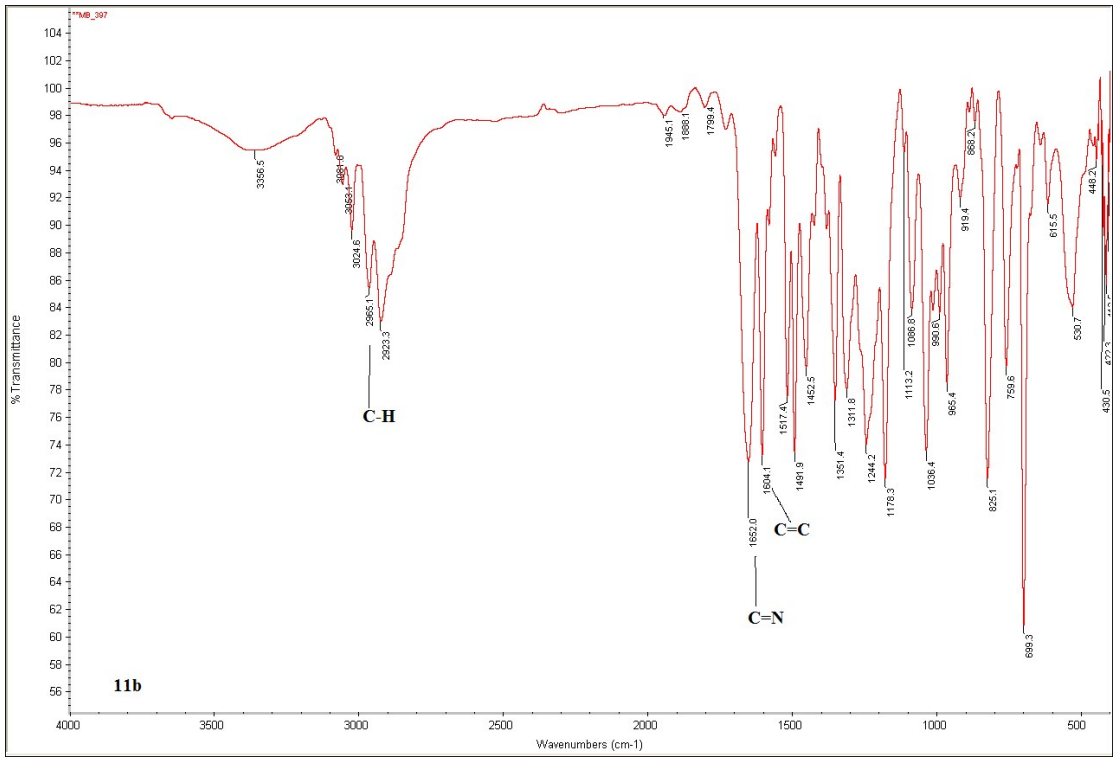

Figure S2. FT-IR Spectrum of Merifield's Resin Supported BOX Ligand (BOX-M).

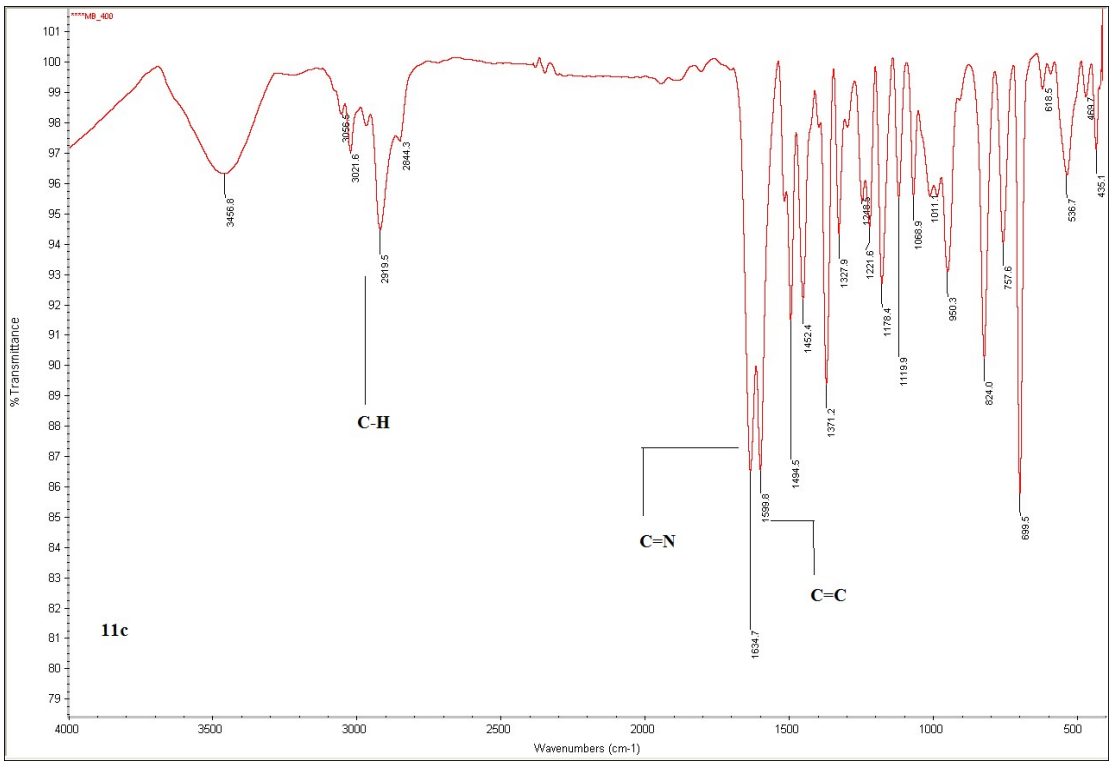

Figure S3. FT-IR Spectra of Merifield's Resin Supported Pd-BOX Catalyst (Pd-BOX-M).

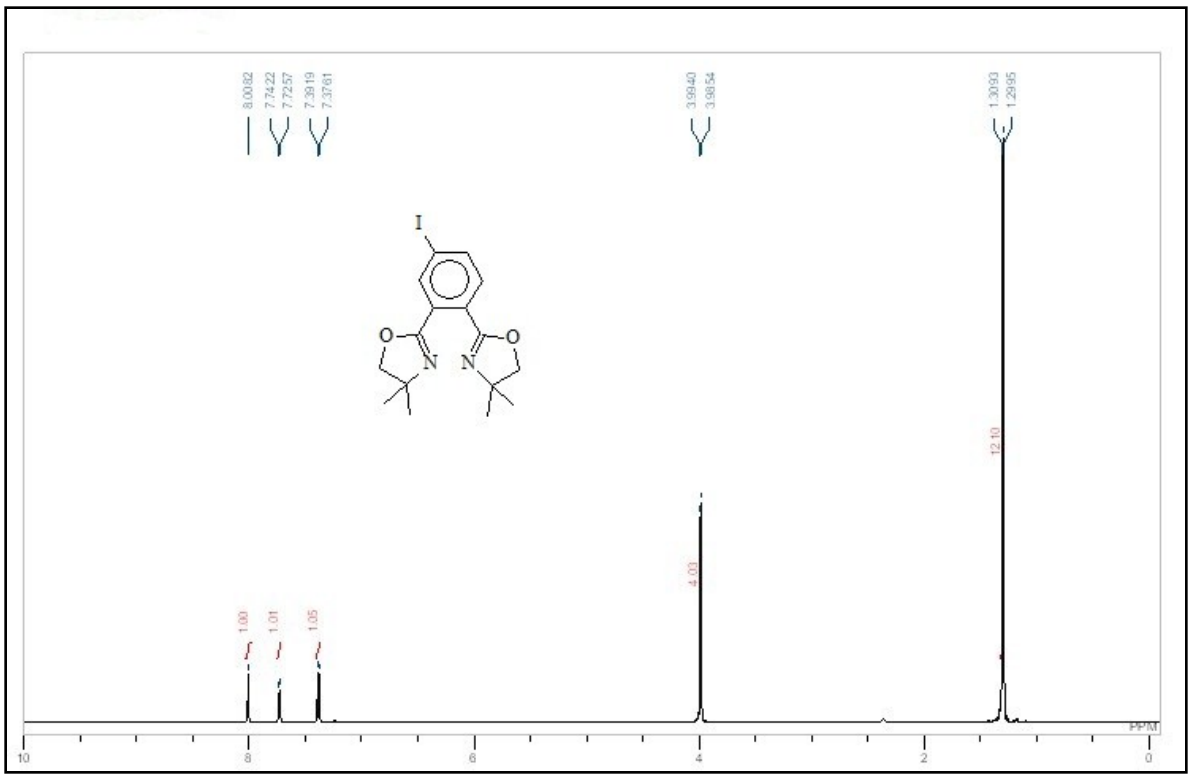

Figure S4. [1]H NMR Spectrum of BOX-I

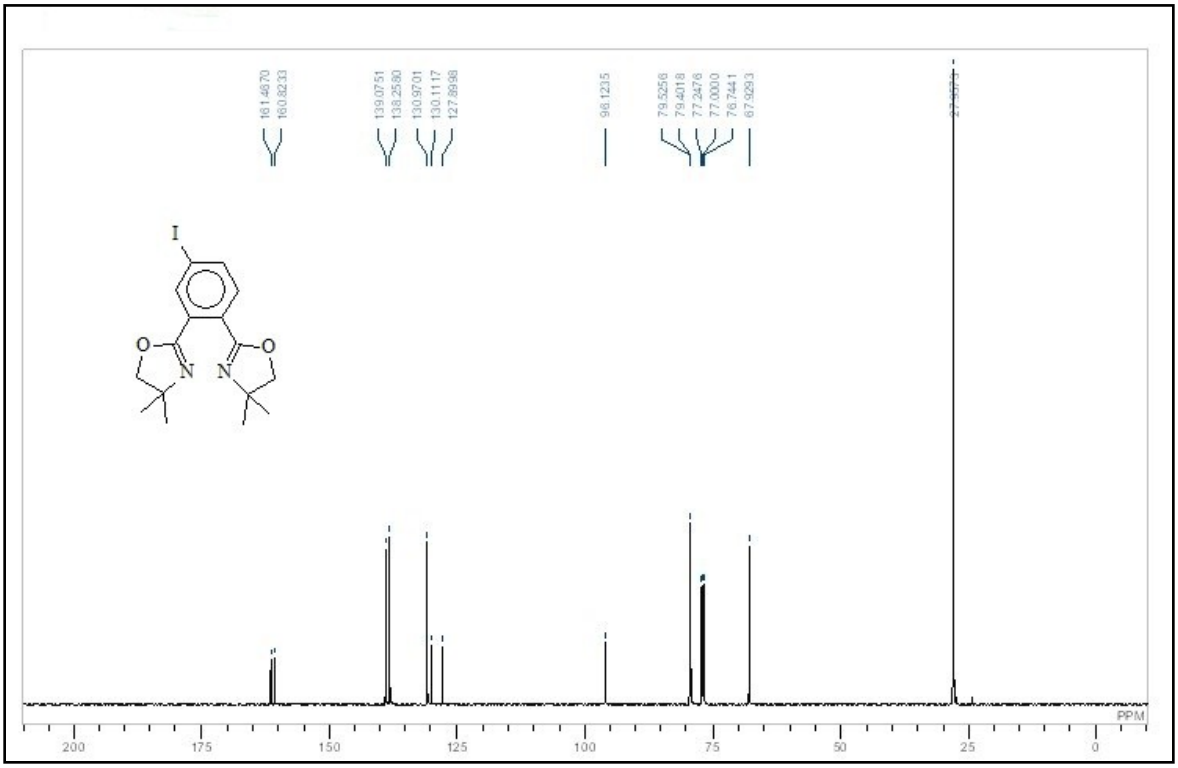

Figure S5. [1]H NMR Spectrum of BOX-I

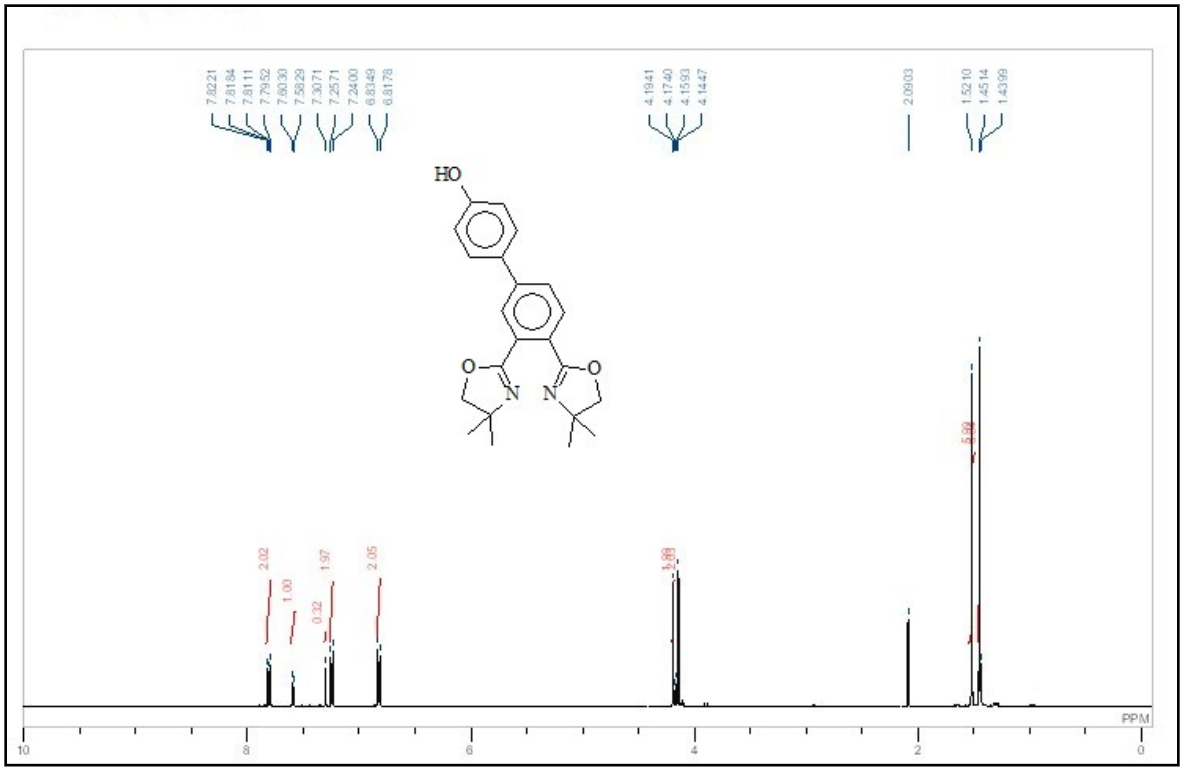

Figure S6. ^{1}H NMR Spectrum of BOX-OH

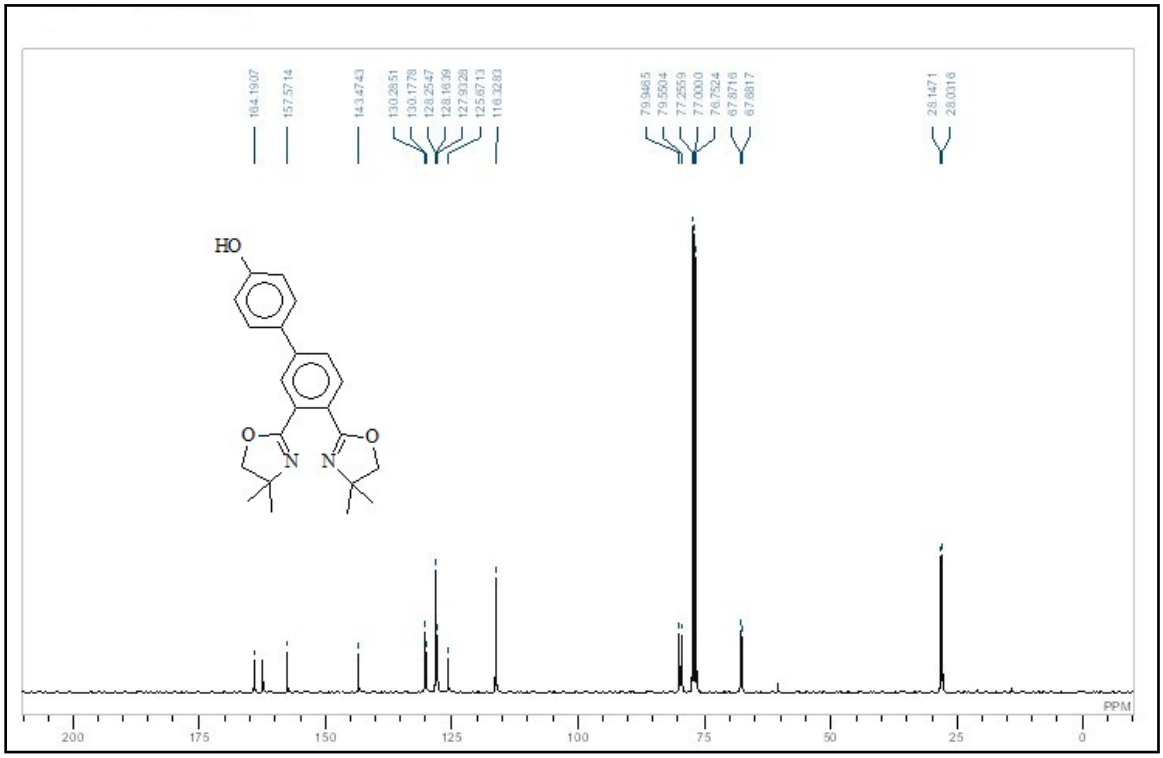

Figure S7. ^{13}C NMR Spectrum of BOX-OH

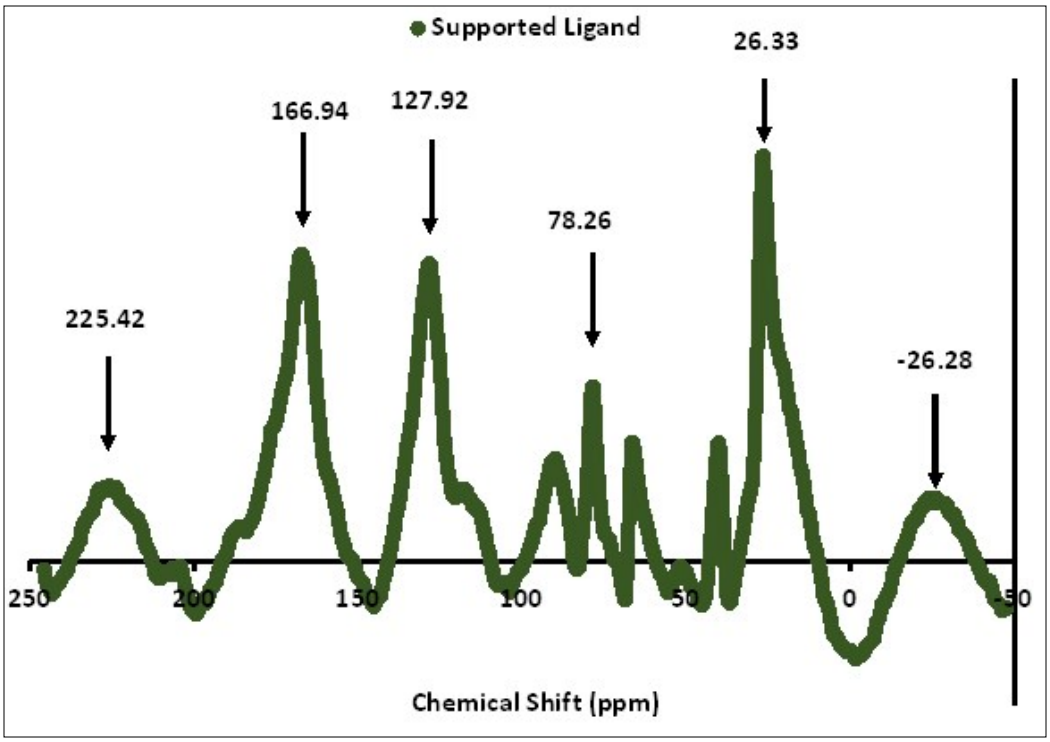

Figure S8. CP-MAS ^{13}C NMR spectrum of Merrifield's resin supported BOX ligand (BOX-M).

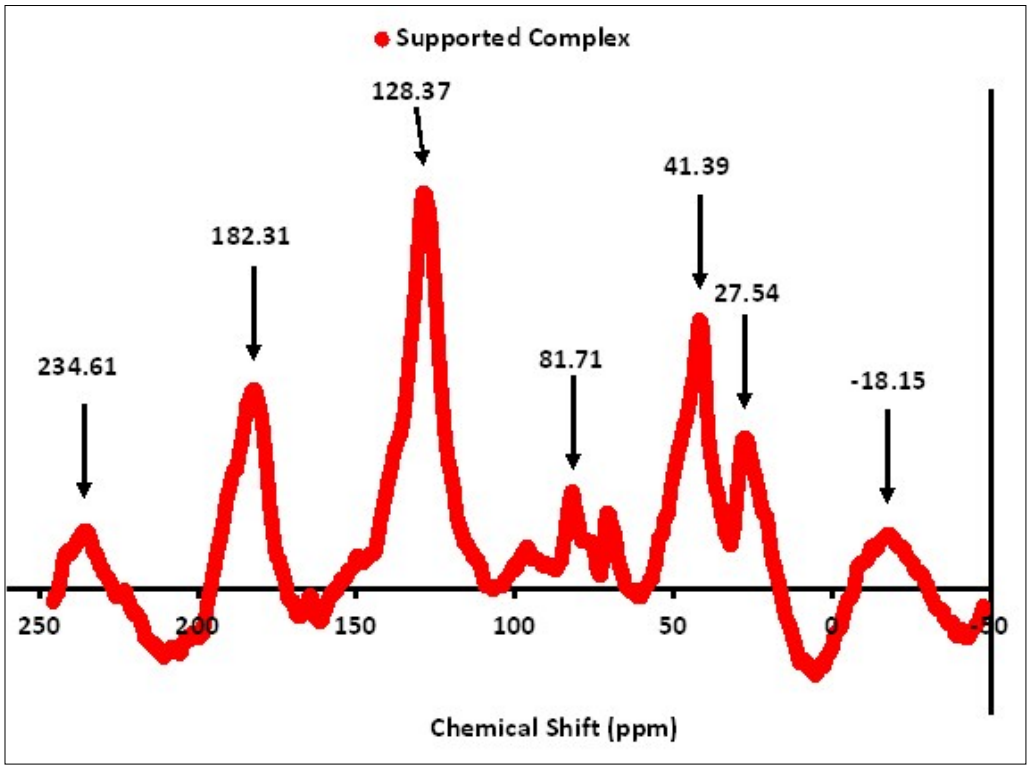

Figure S9. CP-MAS ^{13}C NMR spectrum of Merrifield's resin supported Pd-BOX catalyst (Pd-BOX-M).

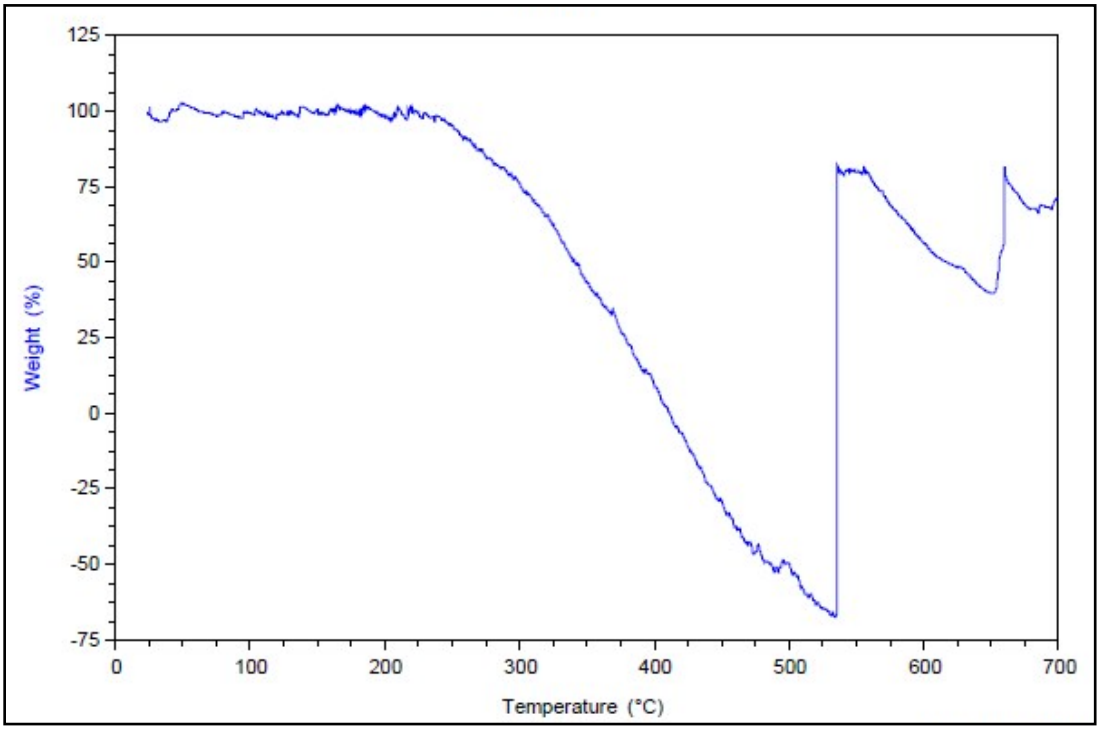

Figure S10. TGA Spectrum of Merifield's resin support.

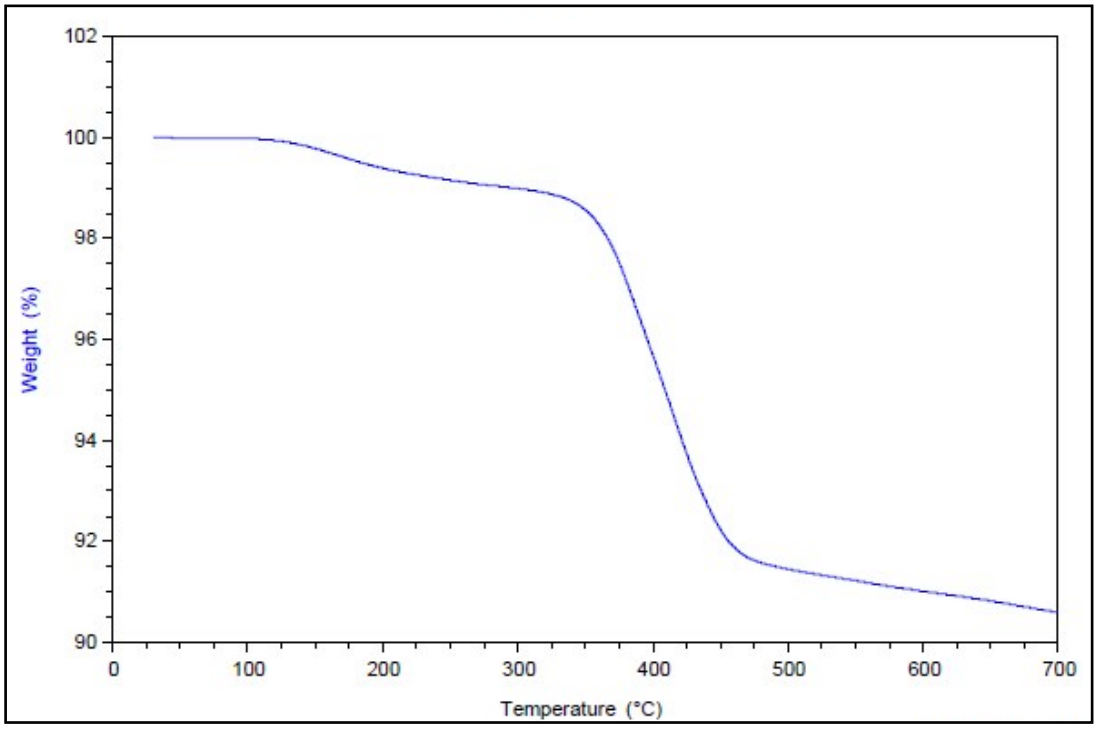

Figure S11. TGA plot of Merrifield's resin supported BOX ligand (BOX-M).

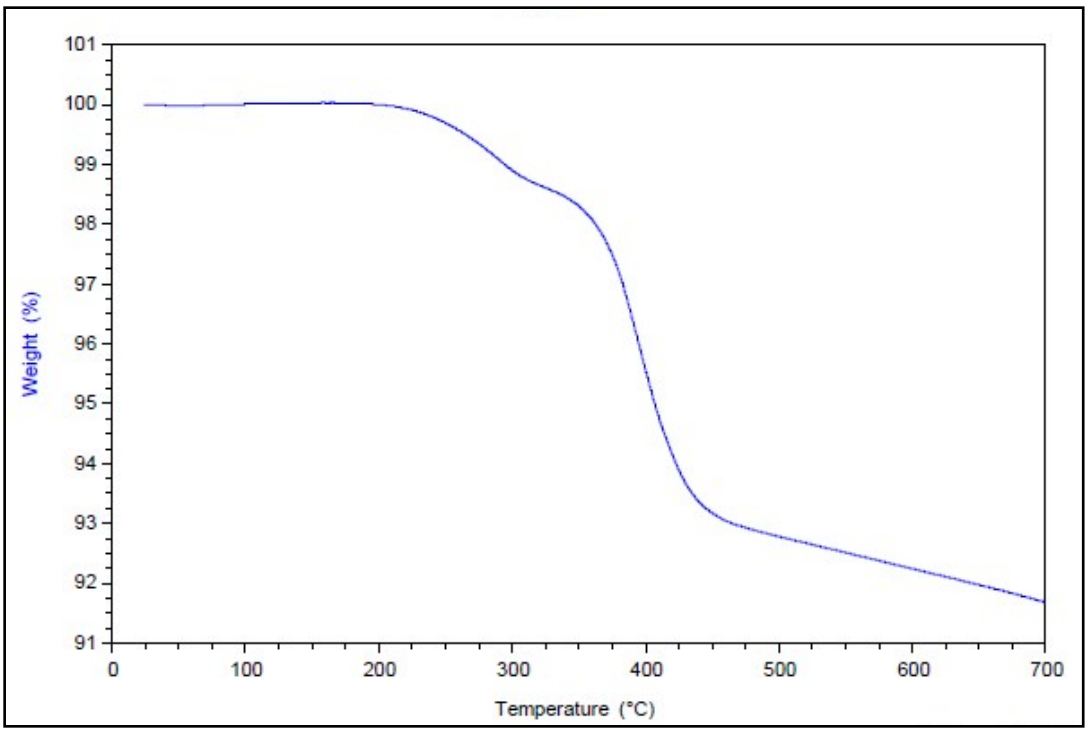

Figure S12. TGA plot of Merrifield's resin supported Pd-BOX catalyst (Pd-BOX-M).

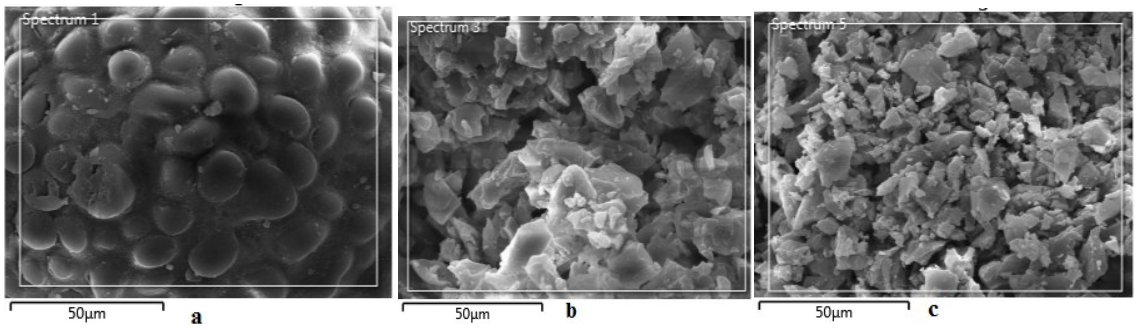

Figure S13. Scanning Electron Micrograph of (a) Merifield's Resin (b) Merifield's Resin Supported BOX Ligand (c) Merifield's Resin Supported Pd-BOX Catalyst.