

Electronic Supporting Information

Synthesis of carbazole substituted unusual cobalt(II)dioxime complex to design conducting polymer with caged metal centers for enhanced optical and electrical properties

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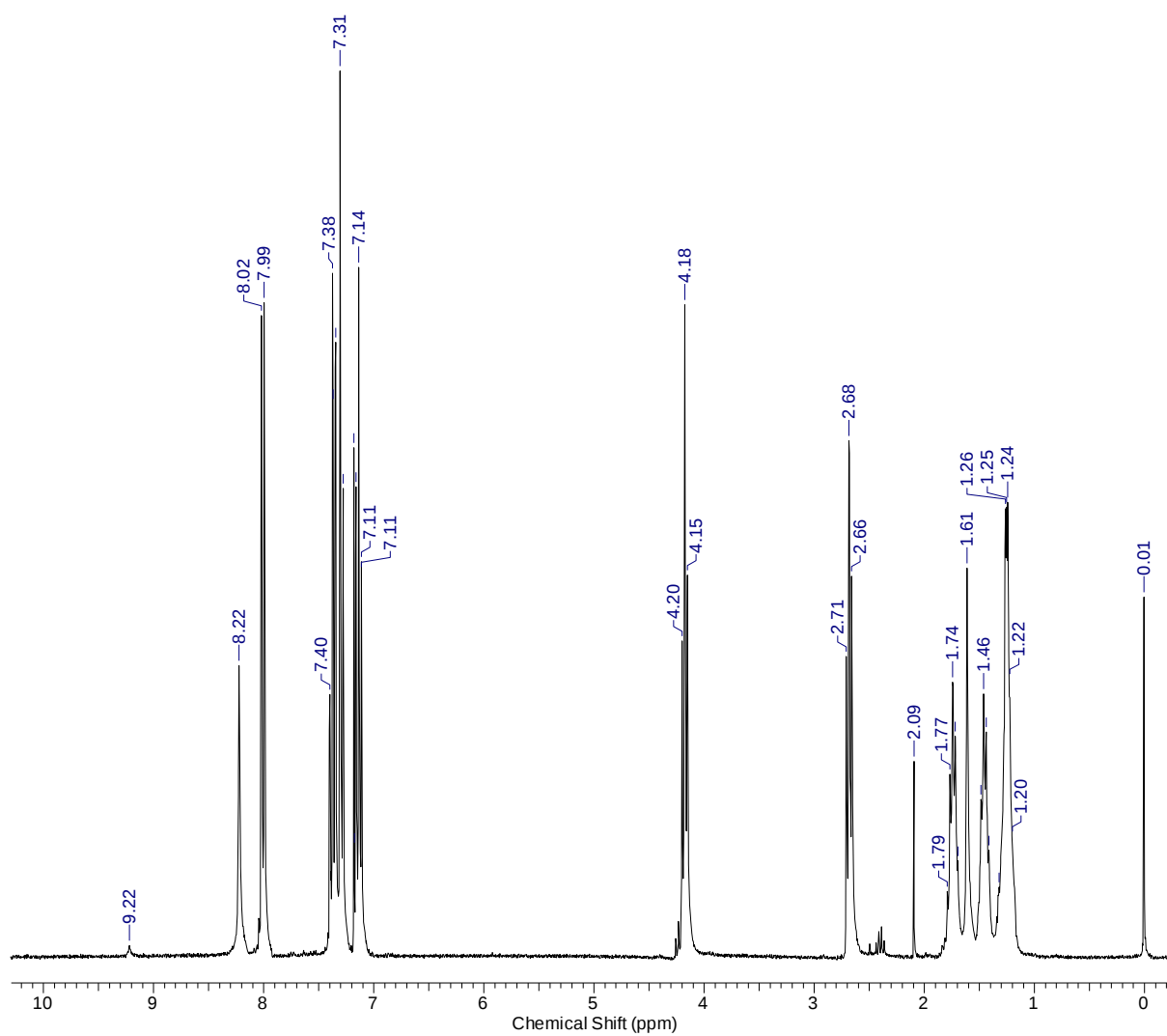


Figure S1. ^1H NMR Spectrum of H_2L

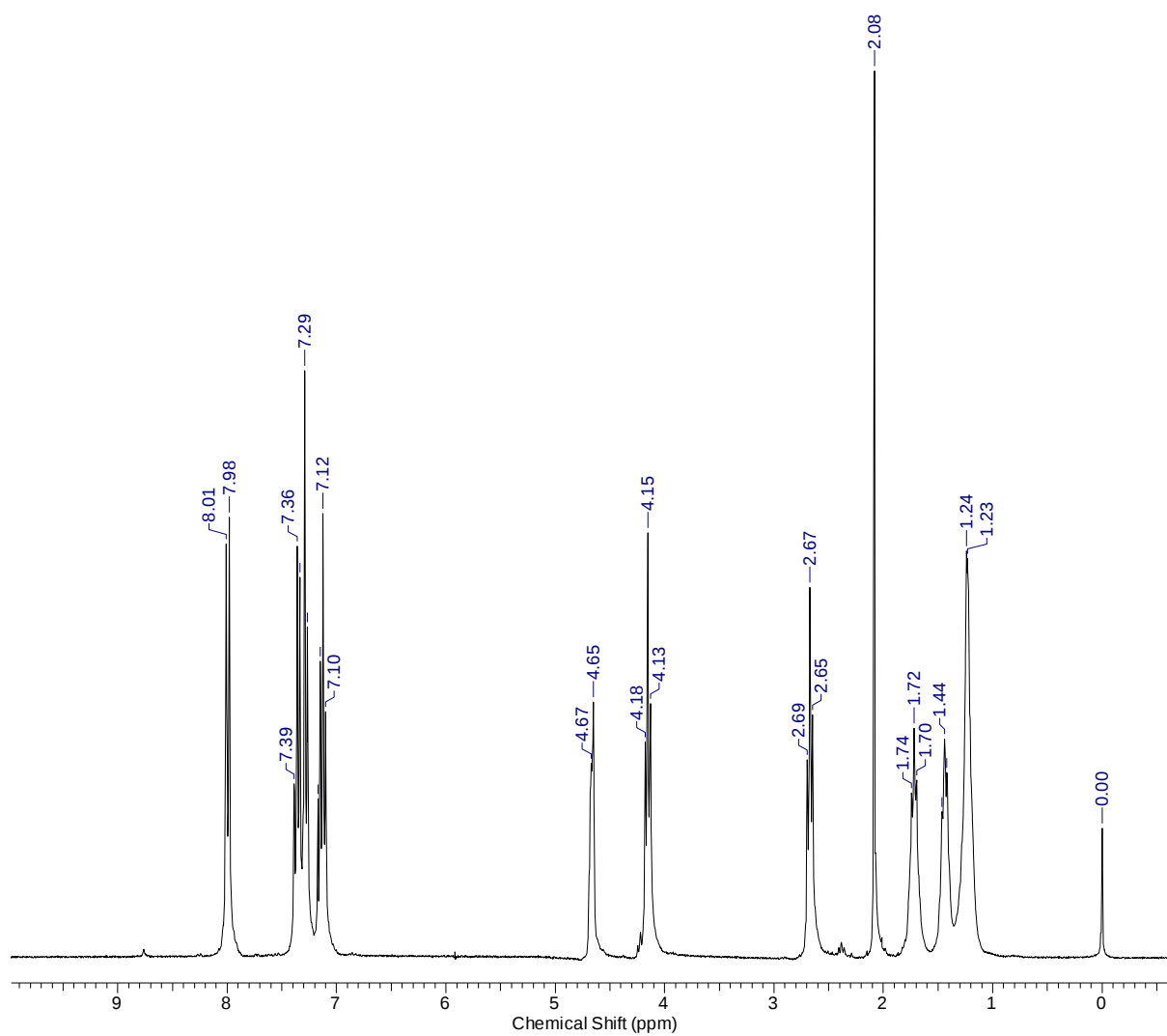


Figure S2. Exchanged (D_2O) ^1H NMR Spectrum of H_2L

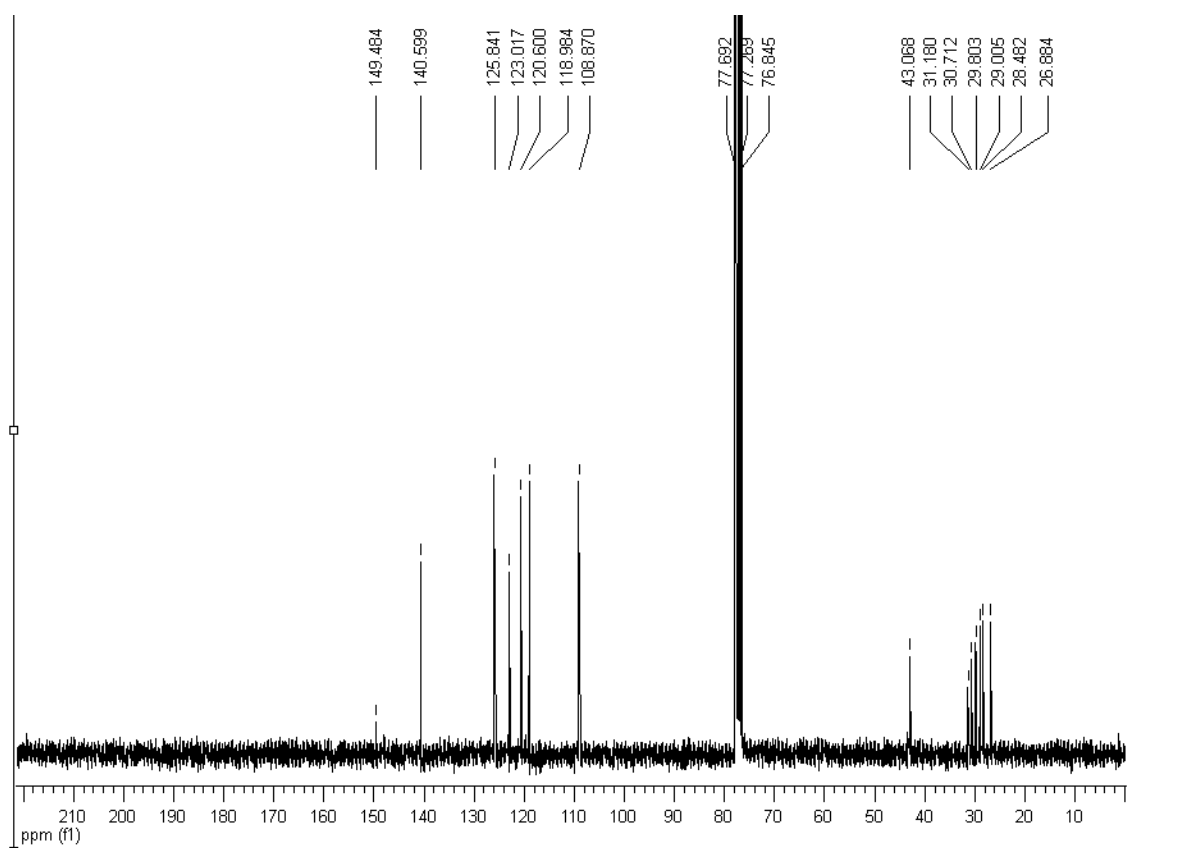


Figure S3. ^{13}C NMR Spectrum of H_2L

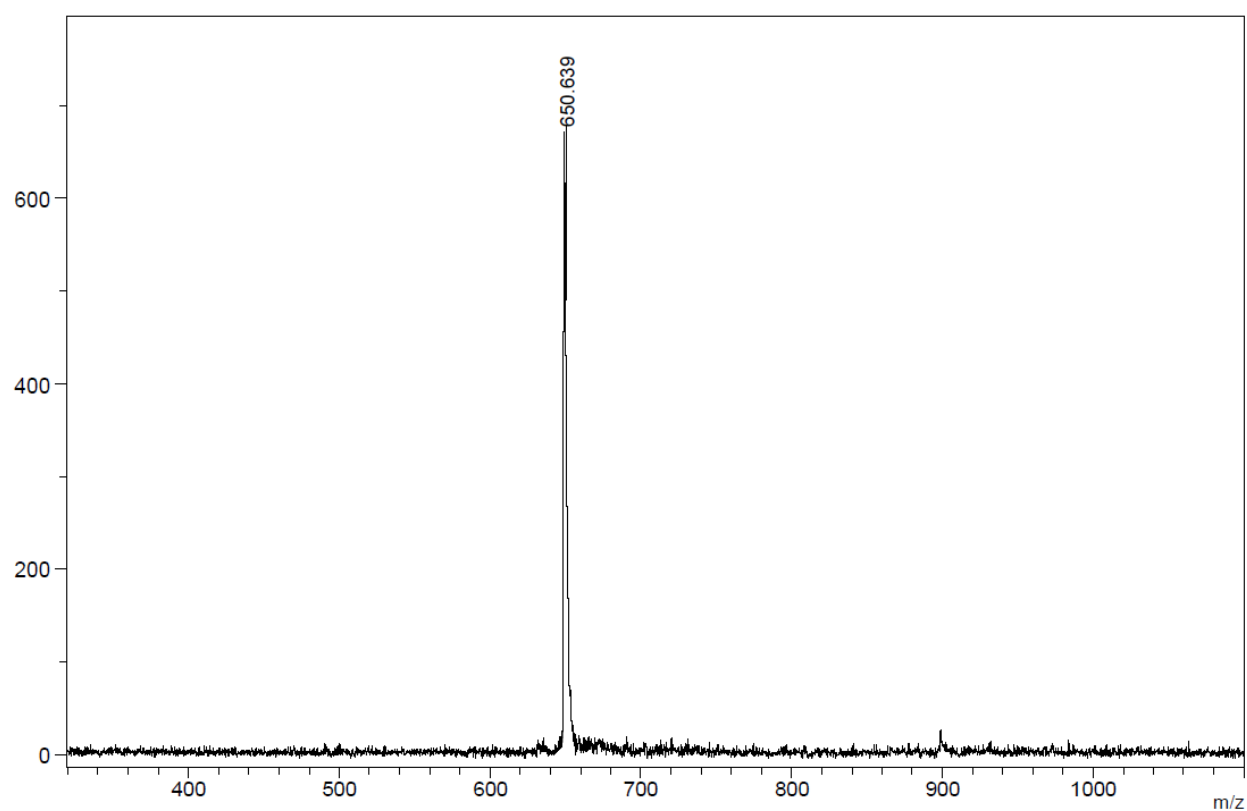


Figure S4. MS Spectrum of H₂L

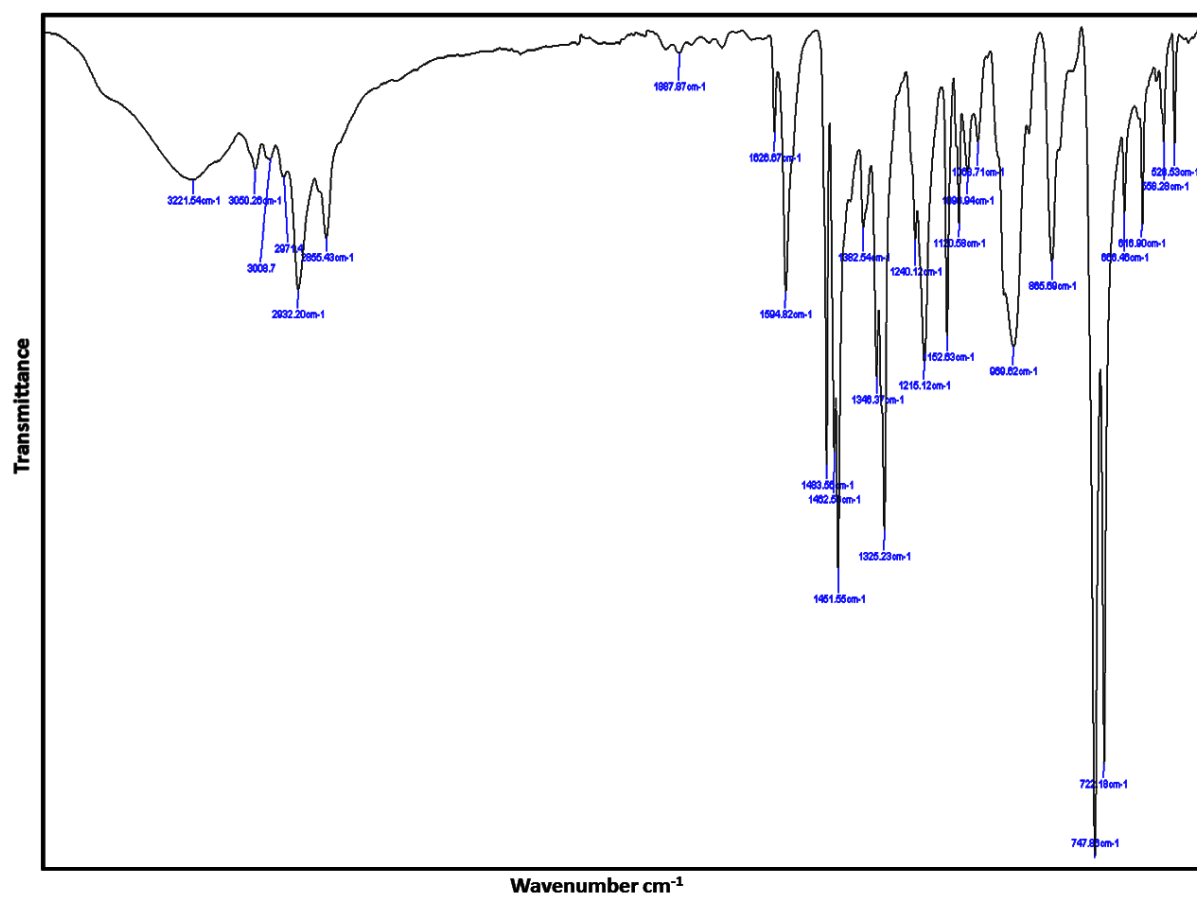


Figure S5. FT-IR Spectrum of H₂L

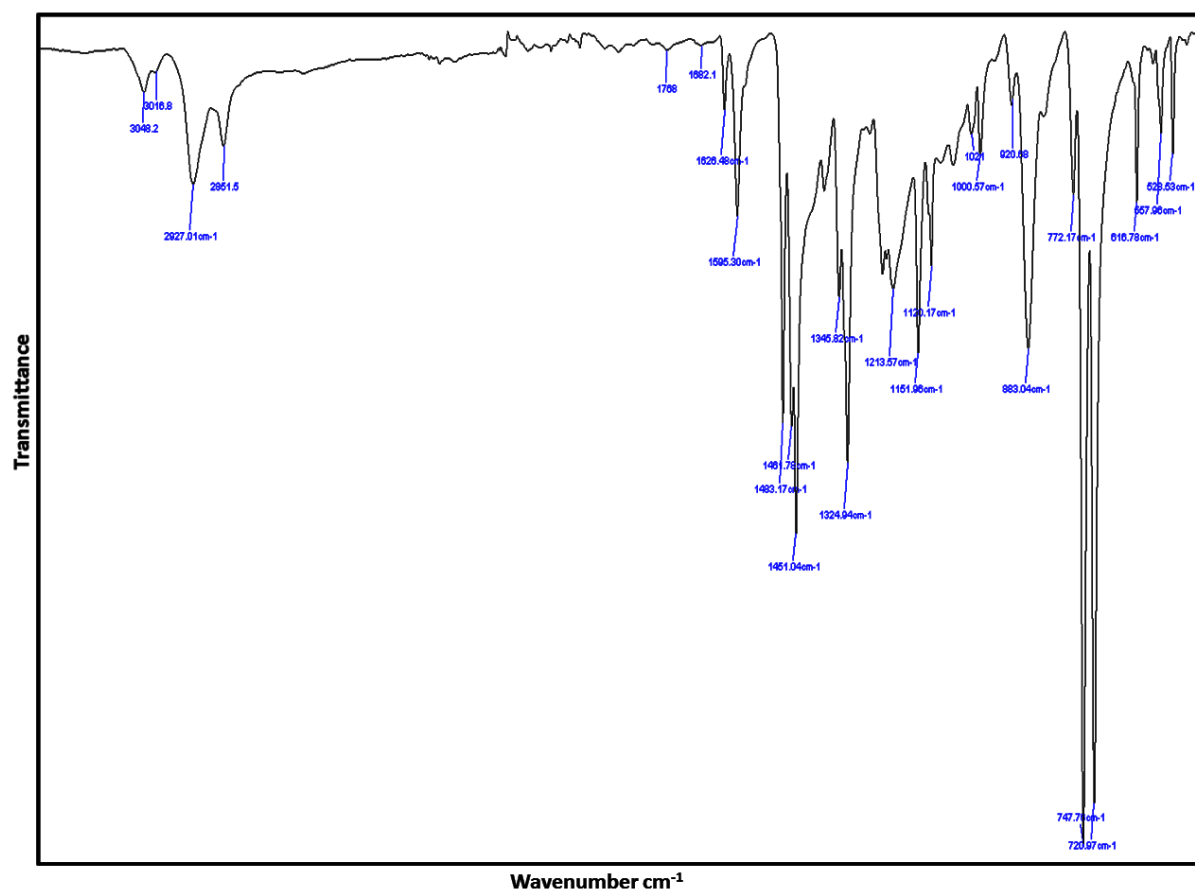


Figure S6. FT-IR Spectrum of [Co(HL)₂]

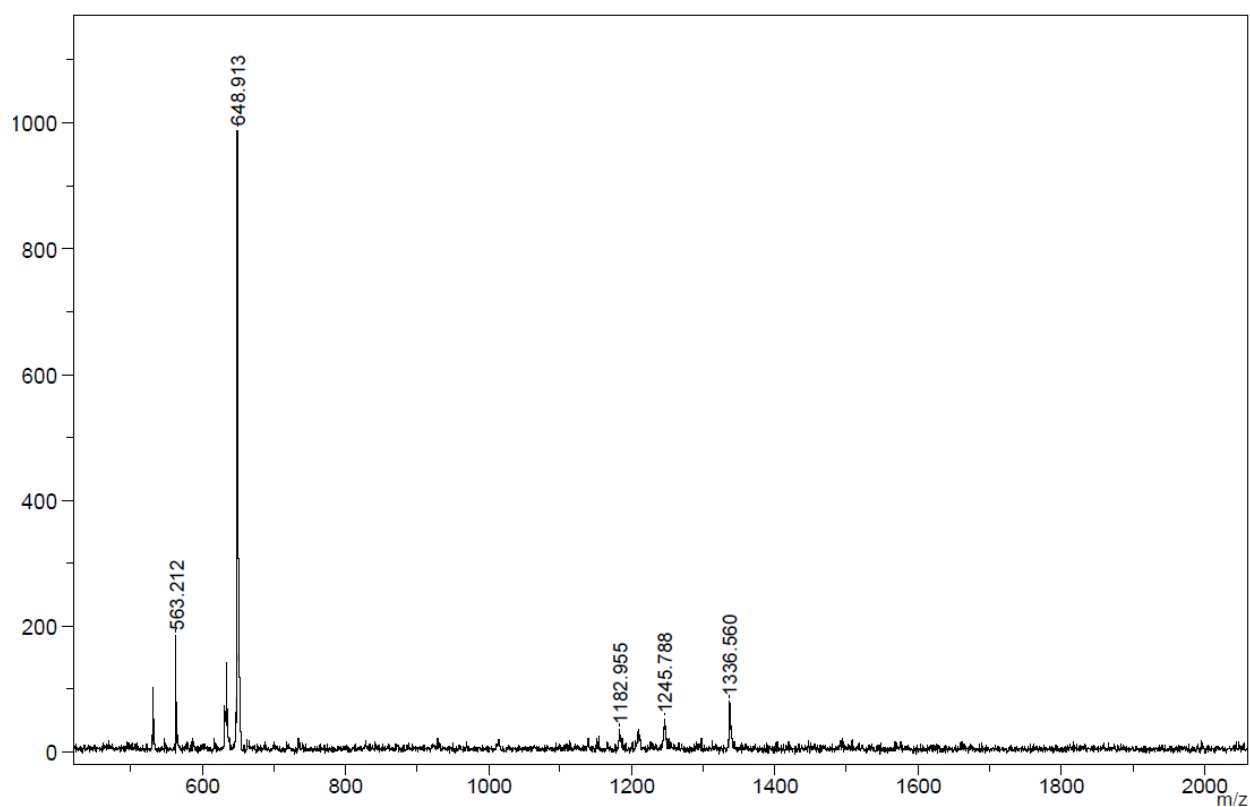


Figure S7. MS Spectrum of $[\text{Co}(\text{HL})_2]$

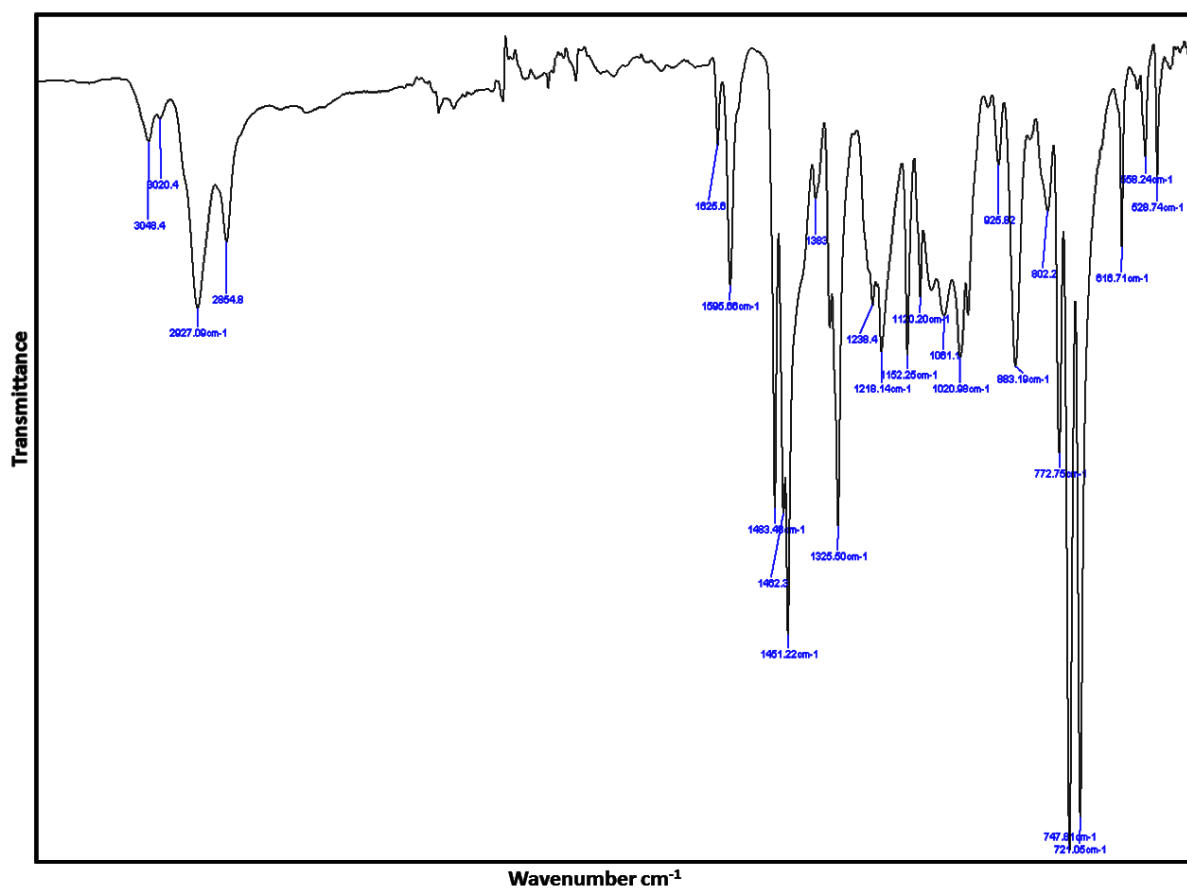


Figure S8. FT-IR Spectrum of $[\text{Co}(\text{LBF}_2)_2]$

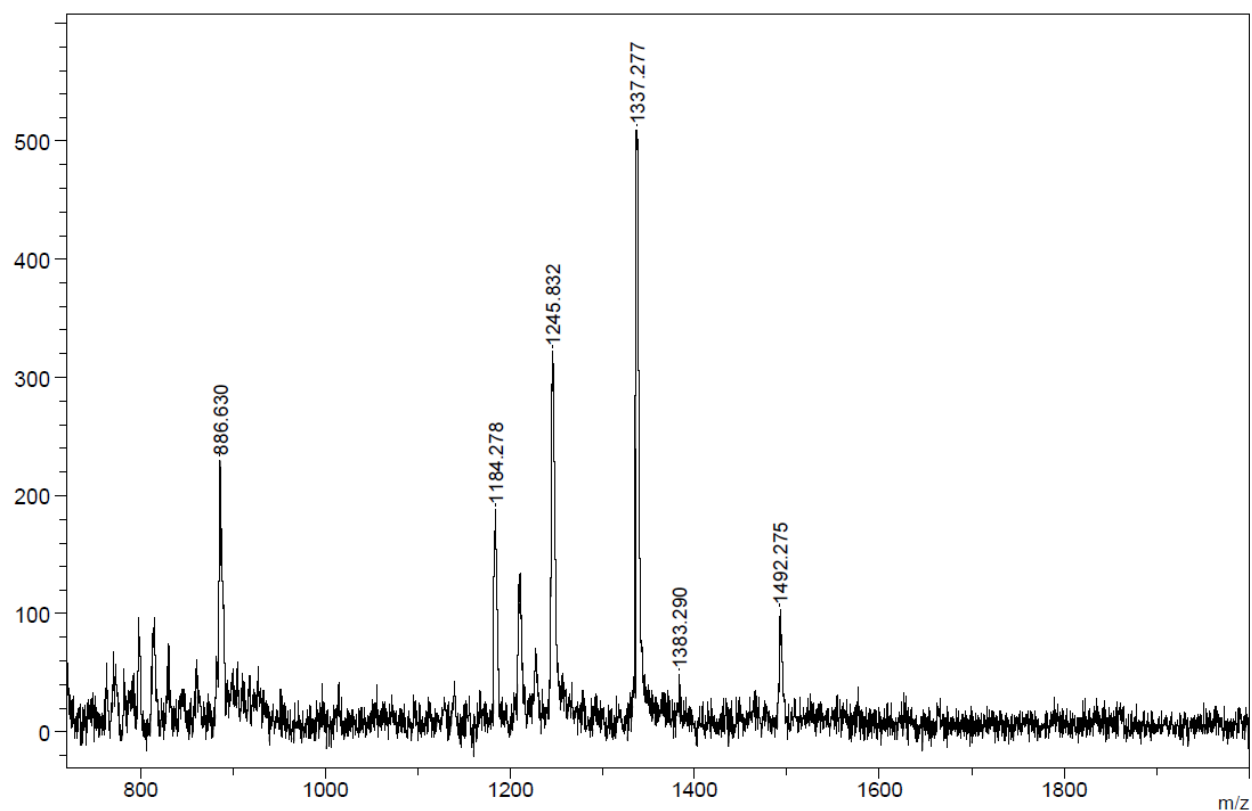


Figure S9. MS Spectrum of $[\text{Co}(\text{LBF}_2)_2]$

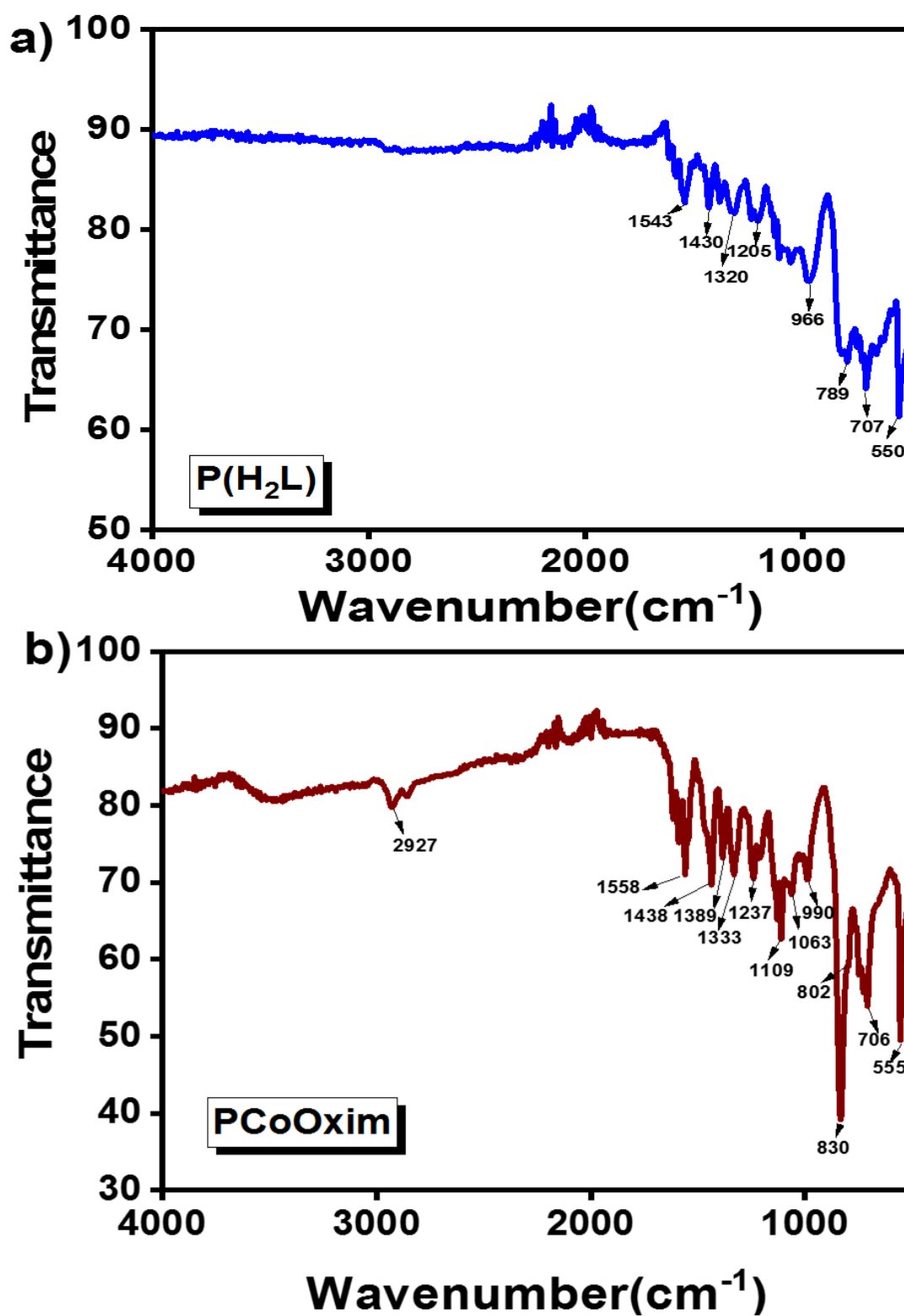


Figure S10. FT-IR Spectra of a) P(H₂L) and b) P(CoOxim)

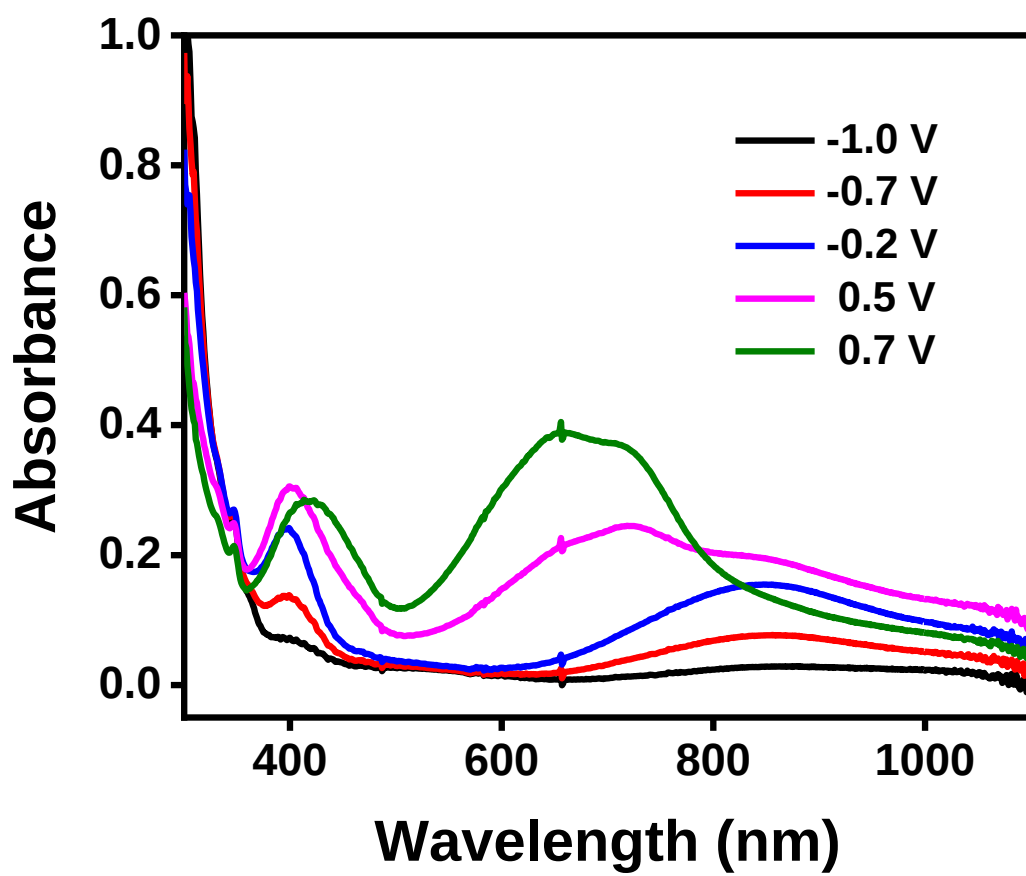


Figure S11. Spectroelectrochemical properties of the P(H₂L)