

Supporting Information

Synthesis of Alternated Heterobimetallic Supramolecular Polymer Based on Ru(II) and Fe(II)

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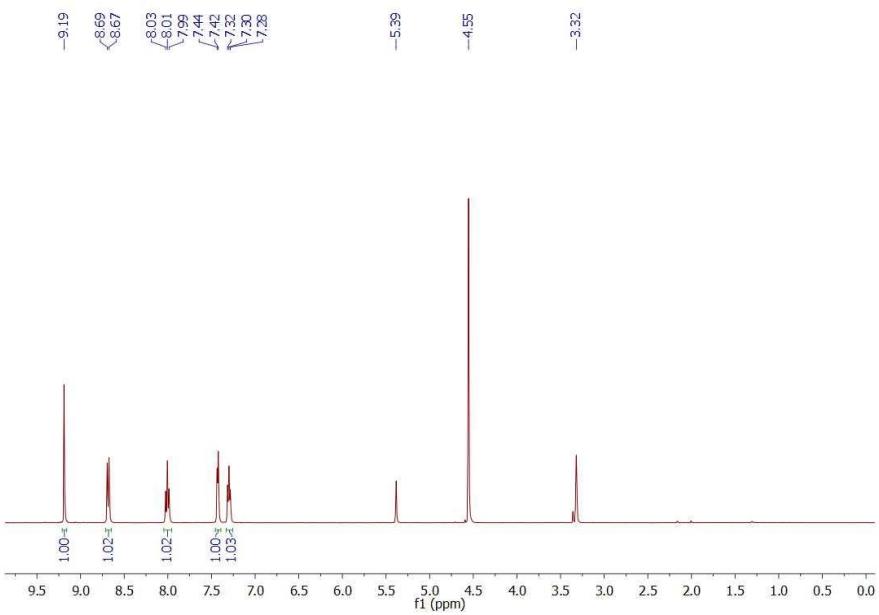


Figure S1. ¹H NMR spectrum of compound 2 in CD₂Cl₂/CD₃OD (1:1, v/v).

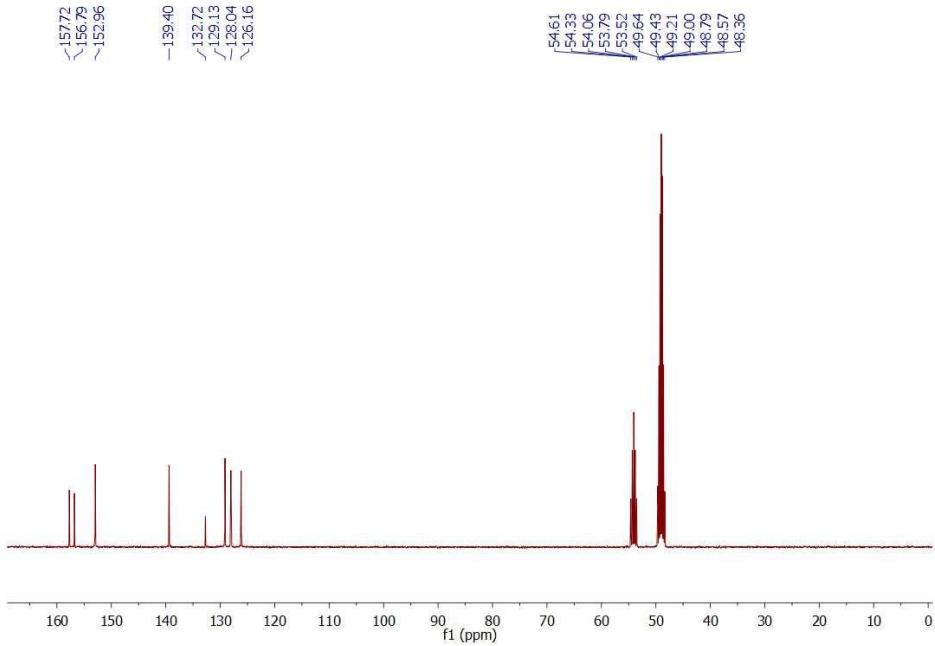


Figure S2. ¹³C NMR spectrum of compound 2 in CD₂Cl₂/CD₃OD (1:1, v/v).

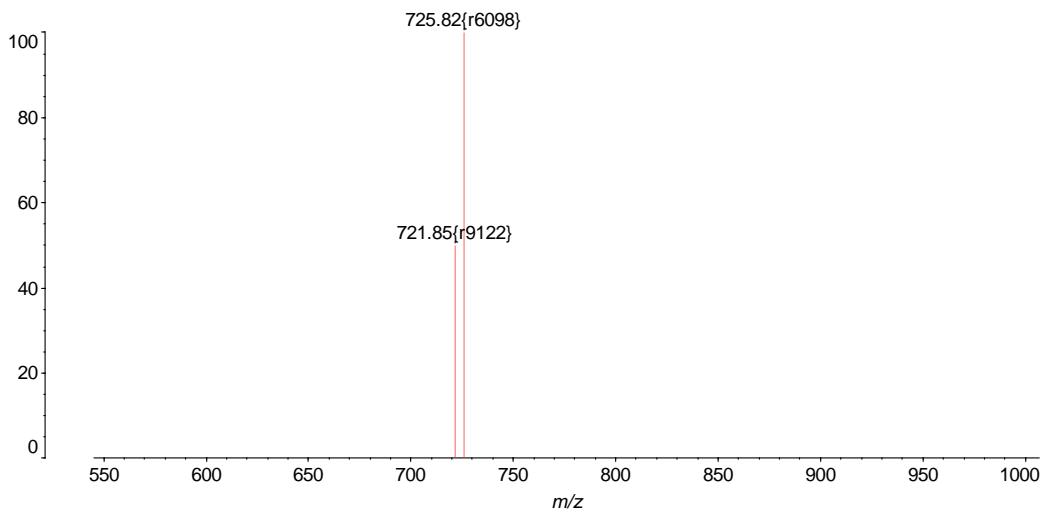


Figure S3. MALDI mass spectrum of compound 2.

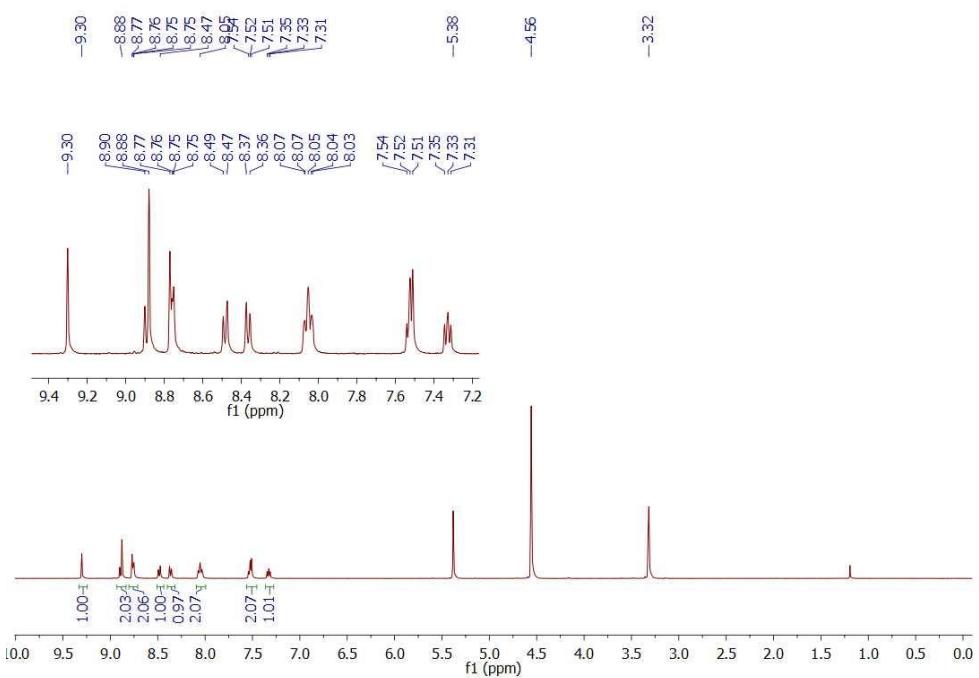


Figure S4. ^1H NMR spectrum of compound 4 in $\text{CD}_2\text{Cl}_2/\text{CD}_3\text{OD}$ (1:1, v/v).

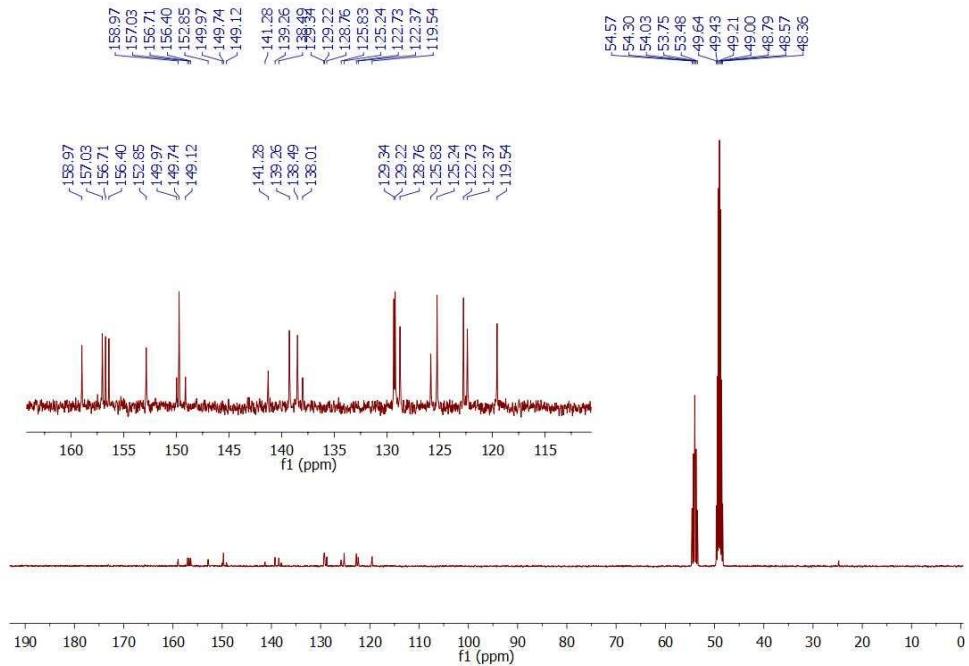


Figure S5. ¹³C NMR spectrum of compound 4 in CD₂Cl₂/CD₃OD (1:1, v/v).

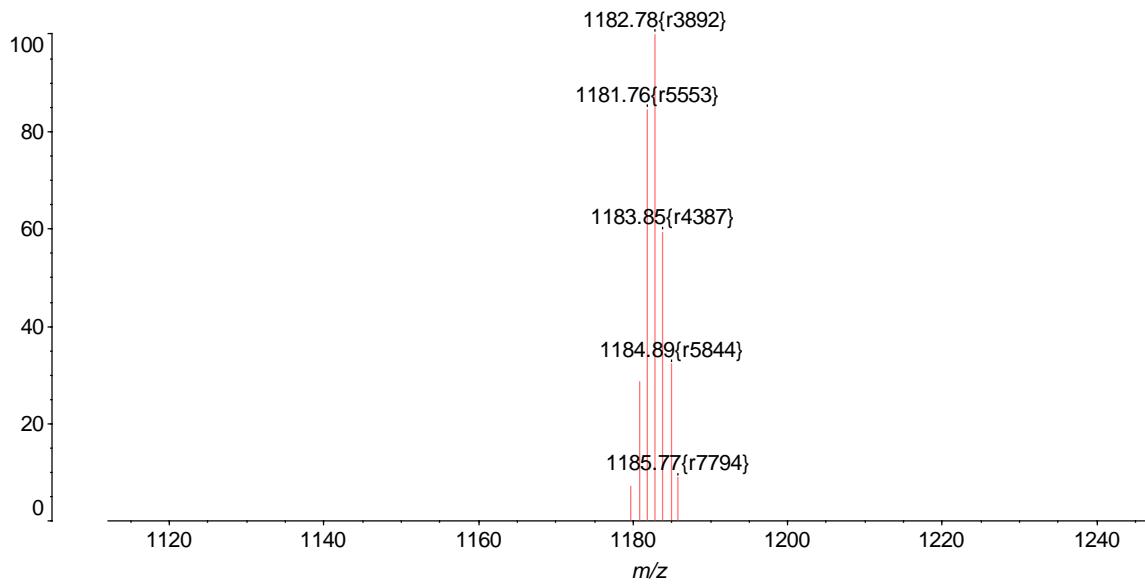


Figure S6. MALDI mass spectrum of compound 4.

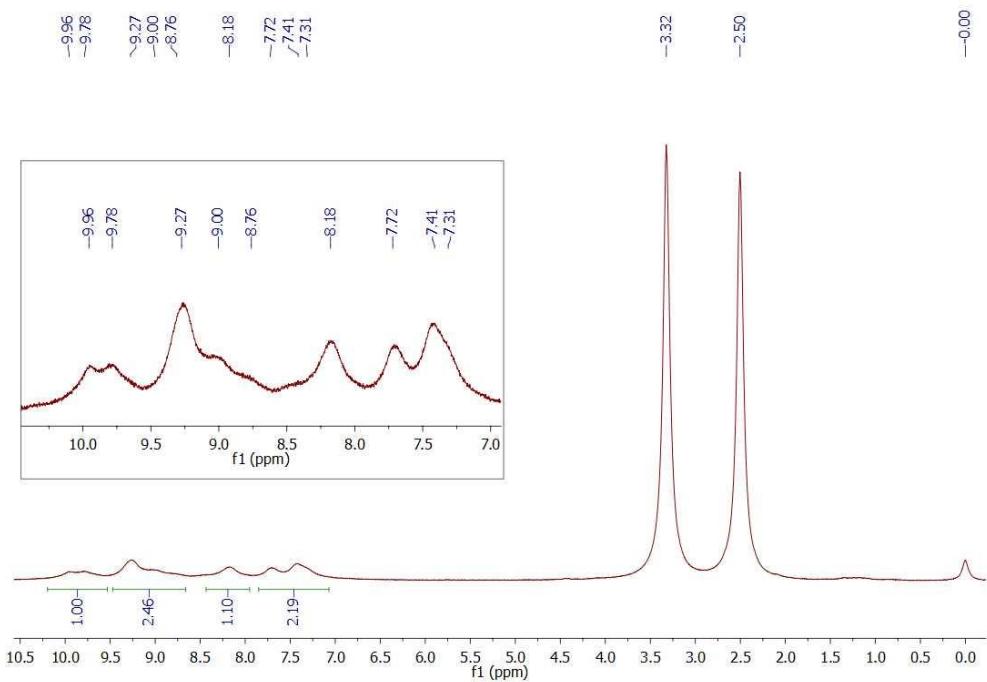


Figure S7. ^1H NMR spectrum of polyRuFe in DMSO-d_6 .

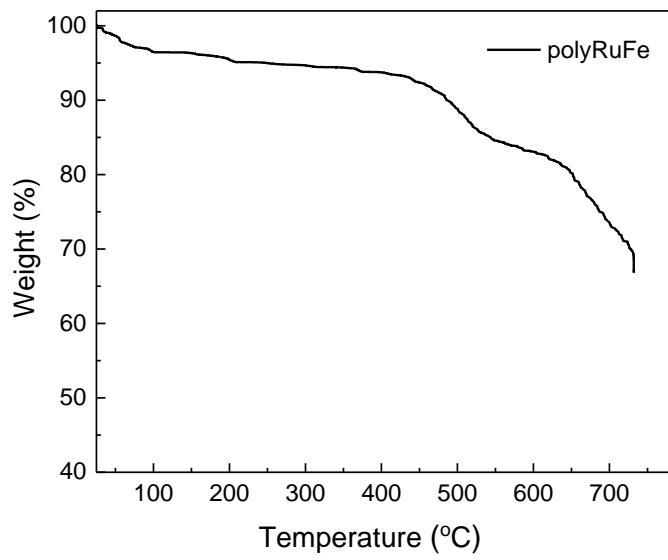


Figure S8. The TGA analysis of polyRuFe, showing high thermal stability with two degradation temperatures at around 420 and 630 °C, respectively.

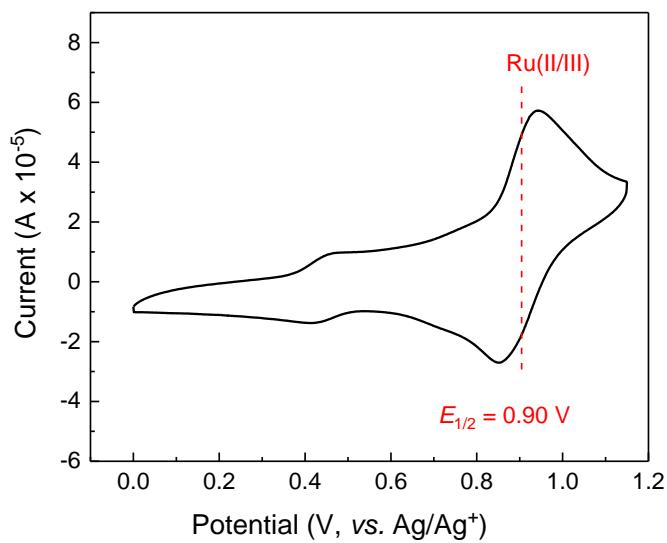


Figure S9. Cyclic voltammogram of compound 4 in three electrode system (glassy carbon as working electrode, platinum flag as counter electrode, and Ag/Ag^+ as reference electrode, electrolyte: 0.1 M LiClO_4 in CH_3CN , scan rate 50 mV/s).