

Online supplementary

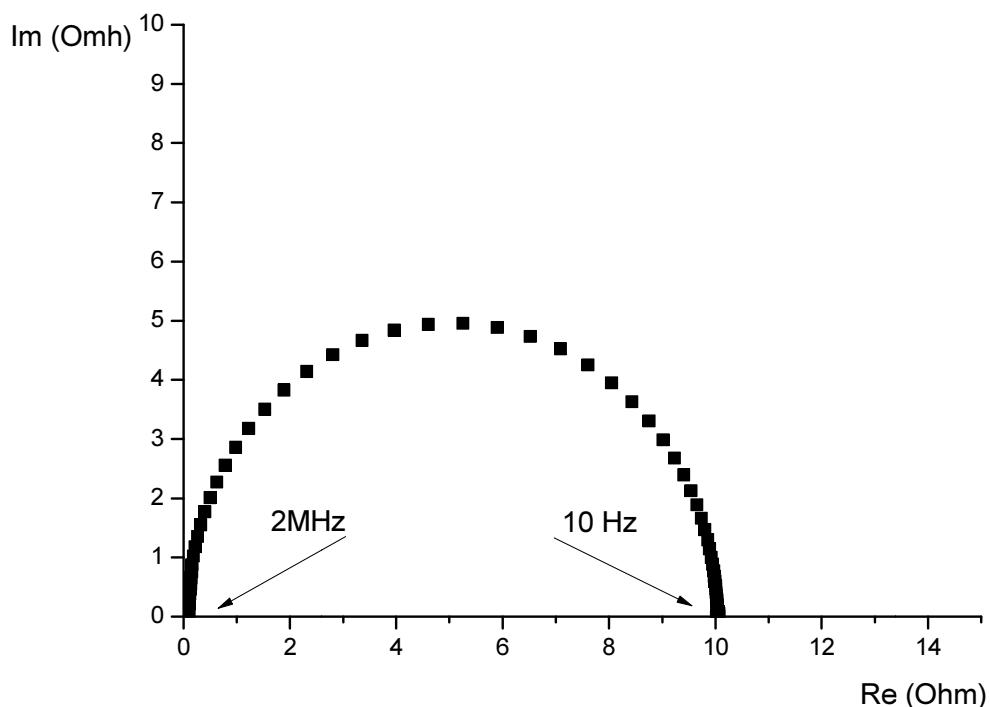


Figure 1s. The impedance spectrum of $\text{Cp}_2\text{Fe}\dots\text{C}_2\text{I}_2$ specimenes. Semi-circle shape of a curve signify the e-type conductivity.

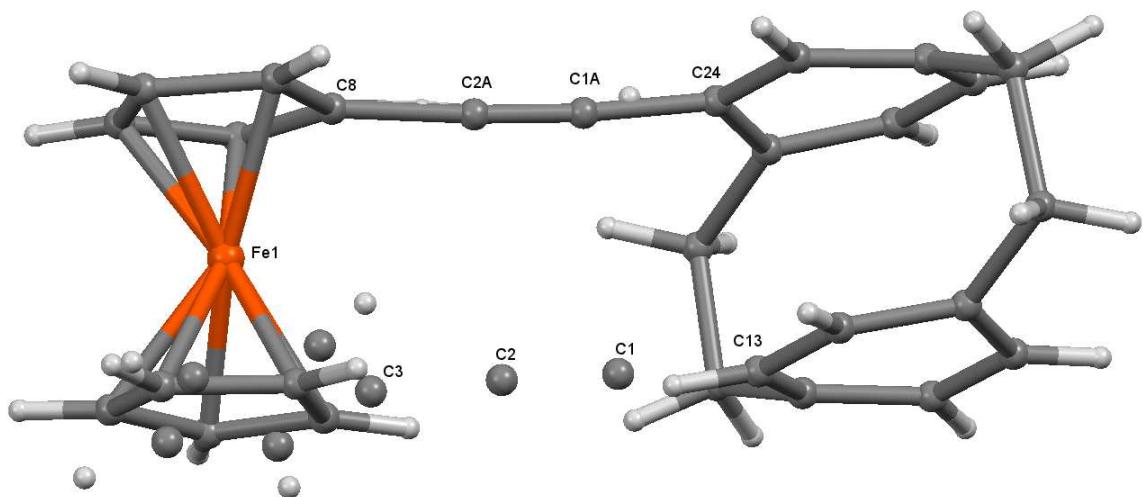


Figure 2s. Molecular structure of 1-paracyclophane-2-ferrocenylacetylene (**6**) showing disorder in the positions of Cp ring and triple C-C bond.