Supporting Information

Influencing Electronic Interaction in Diferrocenyl-1-Phenyl-1*H*-Pyrroles

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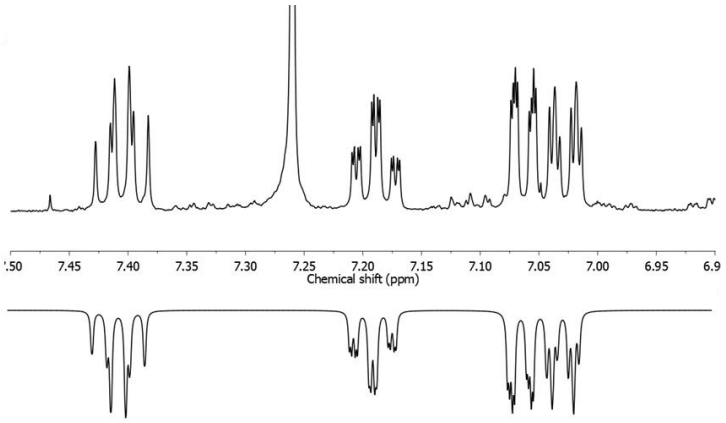

Figure SI1 Top: ^{1}H NMR spectrum of **3e** in the range between 6.9 and 7.5 ppm in $CDCl_3$ (7.26 ppm) at 25 °C; bottom: simulated spectrum of **3e** for a frequency of 500.13 MHz and a line width of 0.5 Hz.

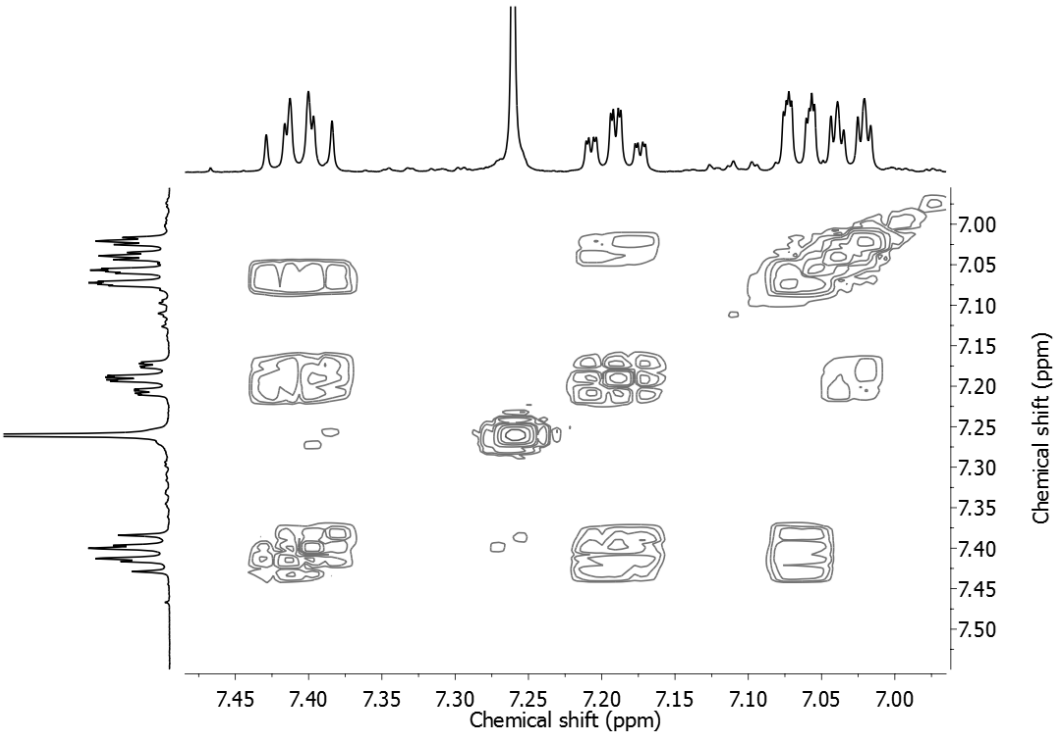

Figure SI2 Top: ^{1}H-^{1}H-COSY NMR spectrum of **3e** in the range between 6.9 and 7.5 ppm in $CDCl_3$ (7.26 ppm) at 25 °C.

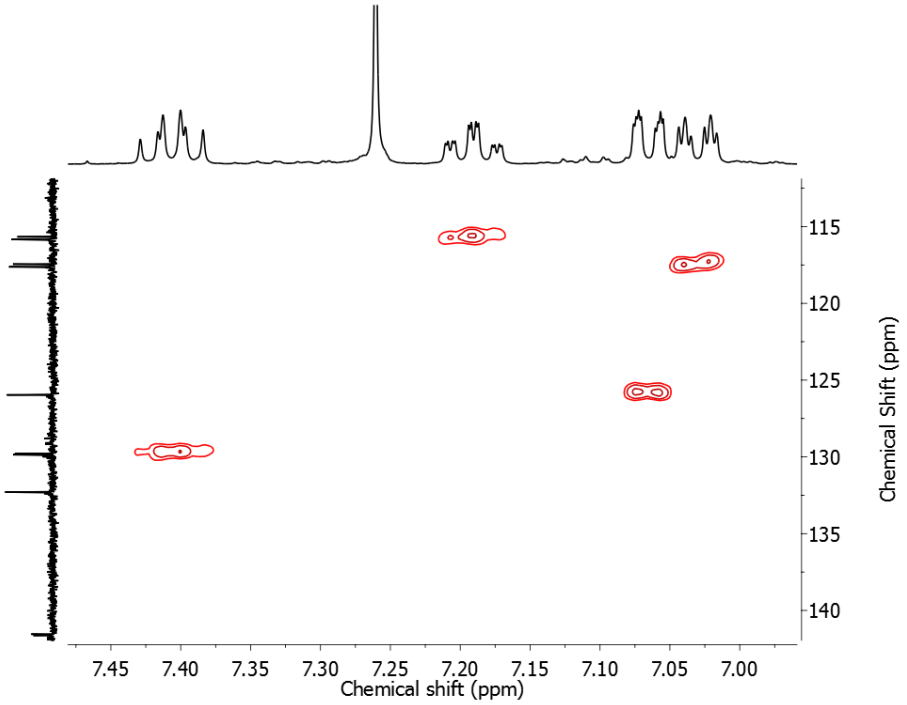

Figure SI3 Top: ^{1}H-^{13}C-HSQC NMR spectrum of **3e** (range: ^{1}H 6.9 to 7.5 ppm; ^{13}C 110 to 145 ppm) in $CDCl_3$ at 25 °C.

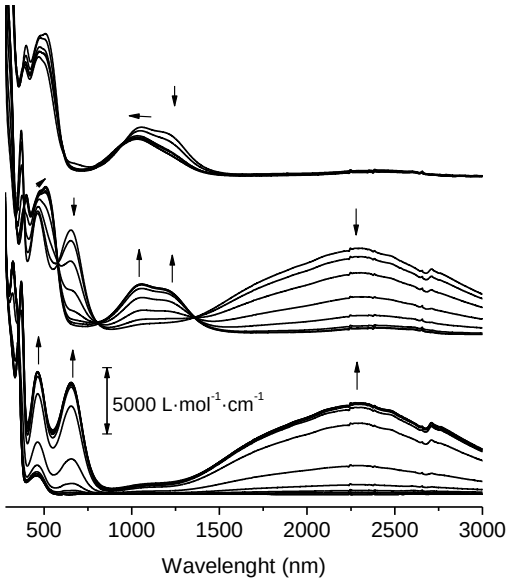

Figure SI4 NIR spectrum of **3a**. Arrows indicate increasing, decreasing or shifting of the absorptions; dichloromethane solutions (1.0 mmol·L^{-1}) at 25 °C, supporting electrolyte [N^{n}Bu$_4$][B(C$_6$F$_5$)$_4$] (0.1 mol·L^{-1}); bottom: oxidation of **3a** to **3a**$^{+}$ at potentials from -400 to 350 mV; middle: oxidation of **3a**$^{+}$ to **3a**$^{2+}$ (375 - 600 mV); top: oxidation of **3a**$^{2+}$ to **3a**$^{3+}$ (600 – 1500 mV).

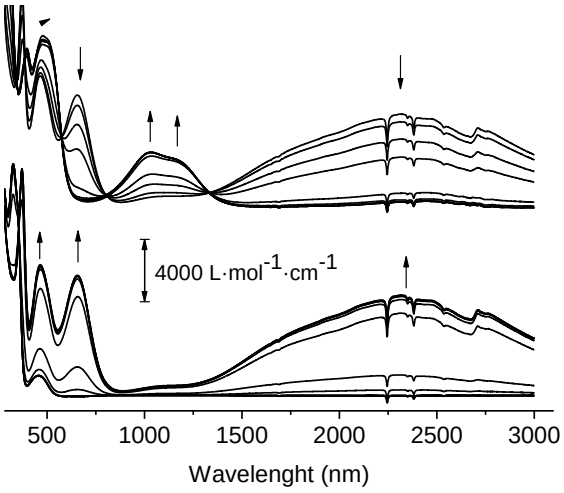

Figure SI5 NIR spectrum of **3b**. Arrows indicate increasing, decreasing or shifting of the absorptions; dichloromethane solutions (1.0 mmol·L^{-1}) at 25 °C, supporting electrolyte [N^nBu_4][$B(C_6F_5)_4$] (0.1 mol·L^{-1}); bottom: oxidation of **3b** to **3b**$^+$ at potentials from -200 to 325 mV; top: oxidation of **3b**$^+$ to **3b**$^{2+}$ **(**350 - 1000 mV).

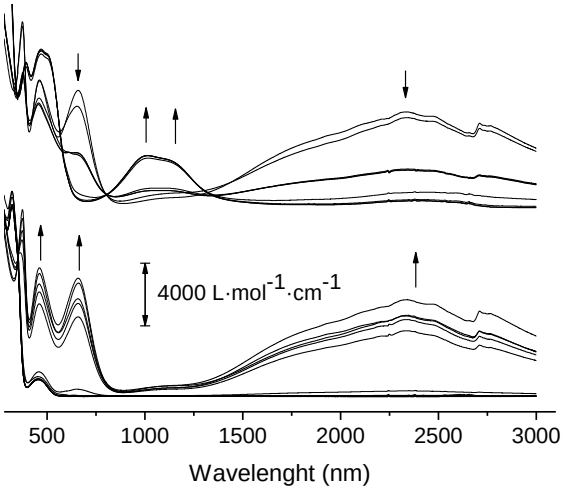

Figure SI6 NIR spectrum of **3e**. Arrows indicate increasing, decreasing or shifting of the absorptions; dichloromethane solutions (1.0 mmol·L^{-1}) at 25 °C, supporting electrolyte [N^nBu_4][$B(C_6F_5)_4$] (0.1 mol·L^{-1}); bottom: oxidation of **3e** to **3e**$^+$ at potentials from -200 to 350 mV; top: oxidation of **3e**$^+$ to **3e**$^{2+}$ **(**350 - 1000 mV).

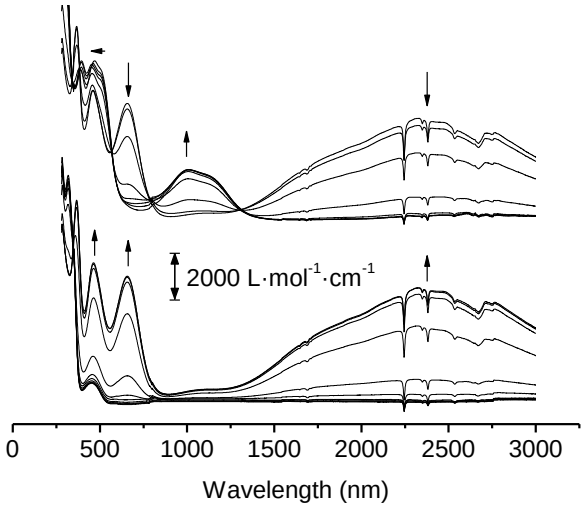

Figure SI7 NIR spectrum of **3f**. Arrows indicate increasing, decreasing or shifting of the absorptions; dichloromethane solutions (1.0 mmol·L^{-1}) at 25 °C, supporting electrolyte [N^nBu_4][$B(C_6F_5)_4$] (0.1 mol·L^{-1}); bottom: oxidation of **3f** to **3f**$^+$ at potentials from -200 to 350mV; top: oxidation of **3f**$^+$ to **3f**$^{2+}$ **(**350 - 1000 mV).