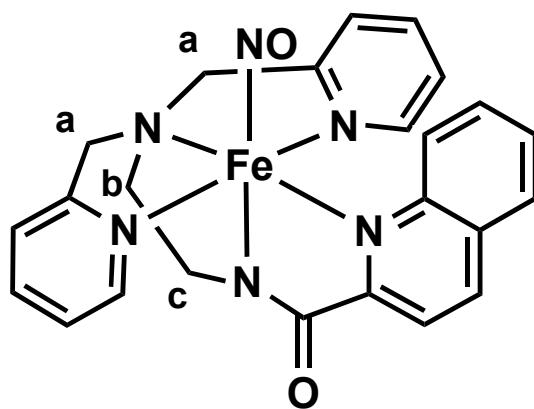




$[(\text{PaPy}_2\text{Q})\text{Fe}(\text{NO})]^{2+}$ (**2**)

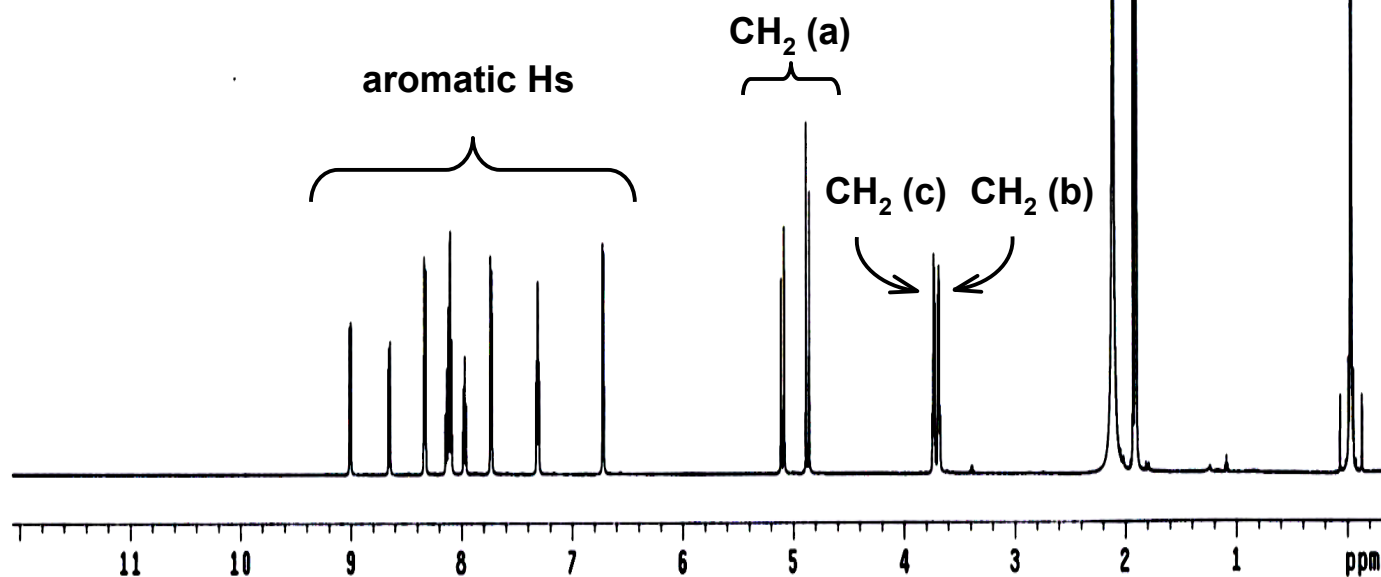


Fig. S1 ^1H NMR spectrum (500 MHz) of $[(\text{PaPy}_2\text{Q})\text{Fe}(\text{NO})](\text{ClO}_4)_2$ (**2**) in CD_3CN . The peaks around 2 ppm are due to solvent and water.

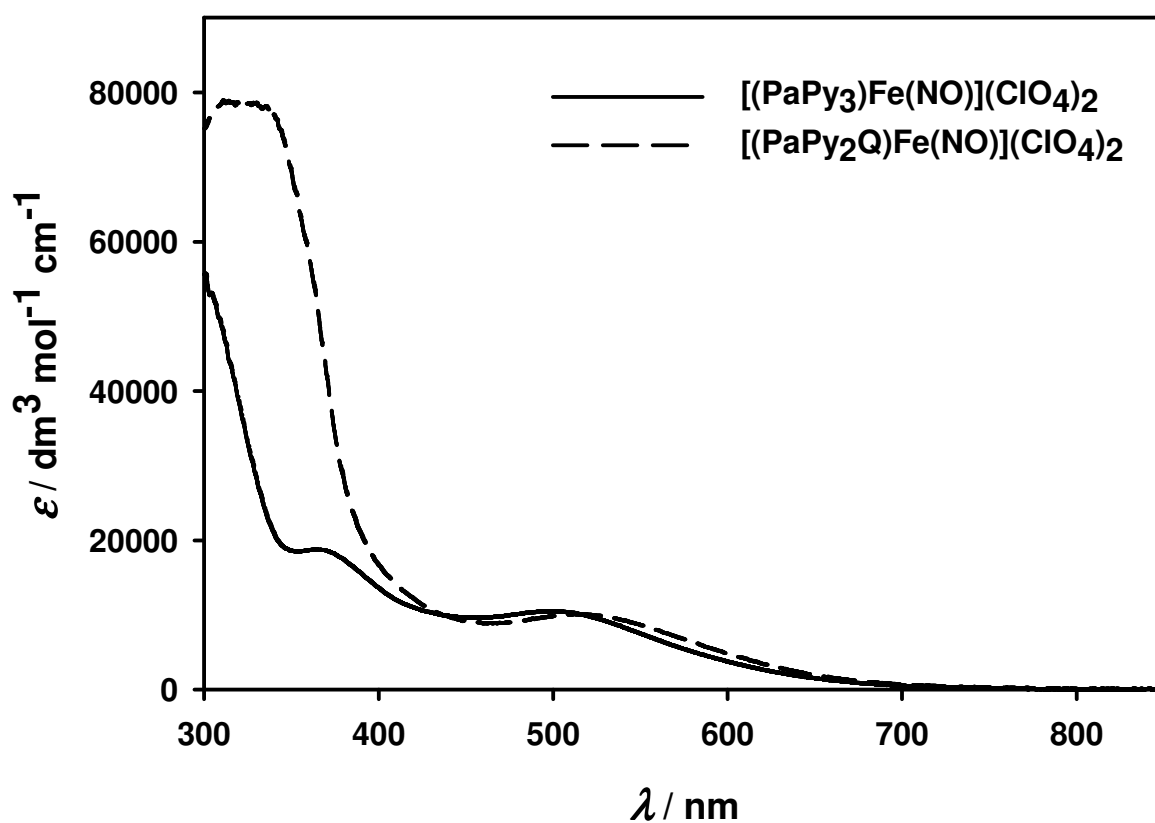


Fig. S2 Electronic absorption spectra of $[(\text{PaPy}_3)\text{Fe}(\text{NO})](\text{ClO}_4)_2$ (**1**, solid line) and $[(\text{PaPy}_2\text{Q})\text{Fe}(\text{NO})](\text{ClO}_4)_2$ (**2**, dash line) in acetonitrile.