

Nickel(II) complexes of cyclen- and cyclam-pyridine : topological reorganisations induced by electron transfer.

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Figure 1: UV-visible absorption spectra of $[\text{NiL}^2]^{2+}$ – type I and $[\text{NiL}^2]^{2+}$ – type V in neutral aqueous solution or in HClO_4 5 mol.L⁻¹.

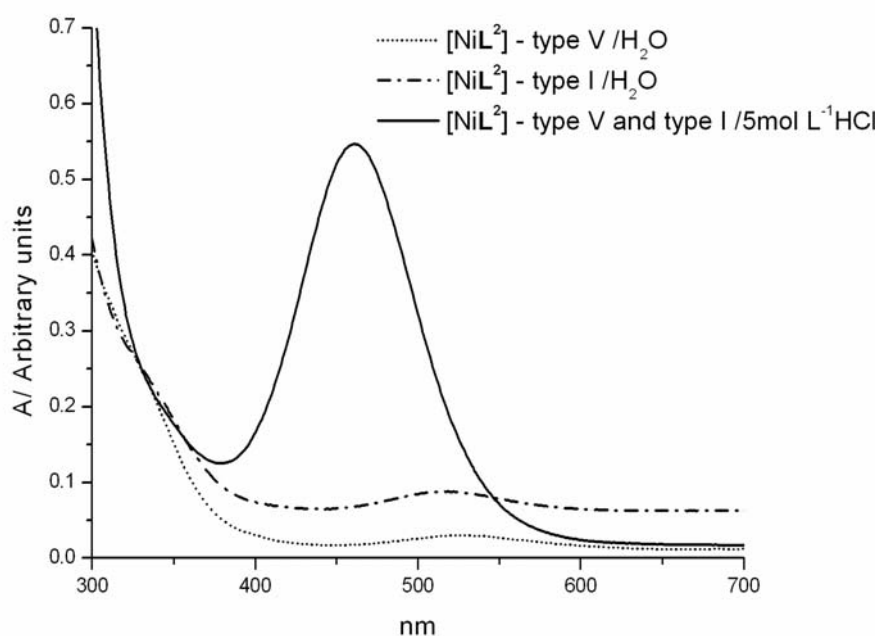


Figure 2: Cyclic Voltammetry at a glassy carbon disk (100 mV s^{-1}) of $[\text{Ni}^{\text{II}}\text{L}^2]^{2+}$ -type I in HClO_4 5 mol L^{-1} (solid line) and $[\text{Ni}^{\text{II}}\text{L}^3]^{2+}$ -type III in Na_2SO_4 0.5 mol L^{-1} (dashed line).

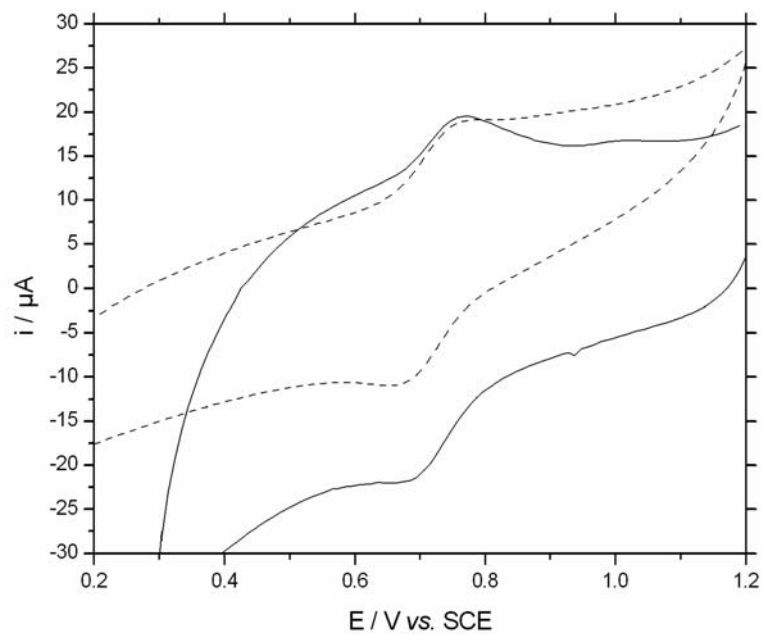


Figure 3: Voltammetry at a glassy carbon disk (100 mV s^{-1}) in $\text{MeCN} / \text{Bu}_4\text{NPF}_6$ 0.1 mol L^{-1} of $[\text{Ni}^{\text{II}}\text{L}^2]^{2+}$ -type I: four scans in oxidation after one scan in reduction.

