Red-shifted luminescence from naphthalene-containing ligands due to π-stacking in self-assembled coordination cages

Nawal K. A. Al-Rasbi,[a] Cristiana Sabatini,[b] Francesco Barigelletti,[b,*] and Michael D. Ward,[a,*]

Supplementary information

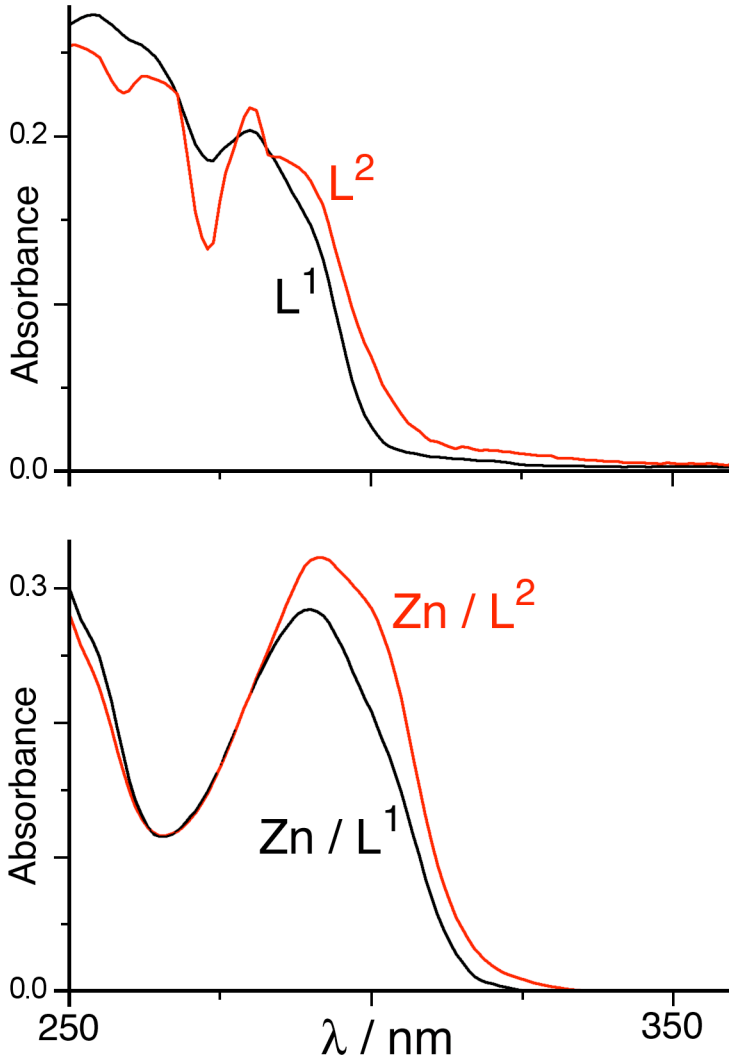

Figure S1: Electronic spectra of solutions used for luminescence studies, with the absorbance at 278 nm being 0.2 in each case.

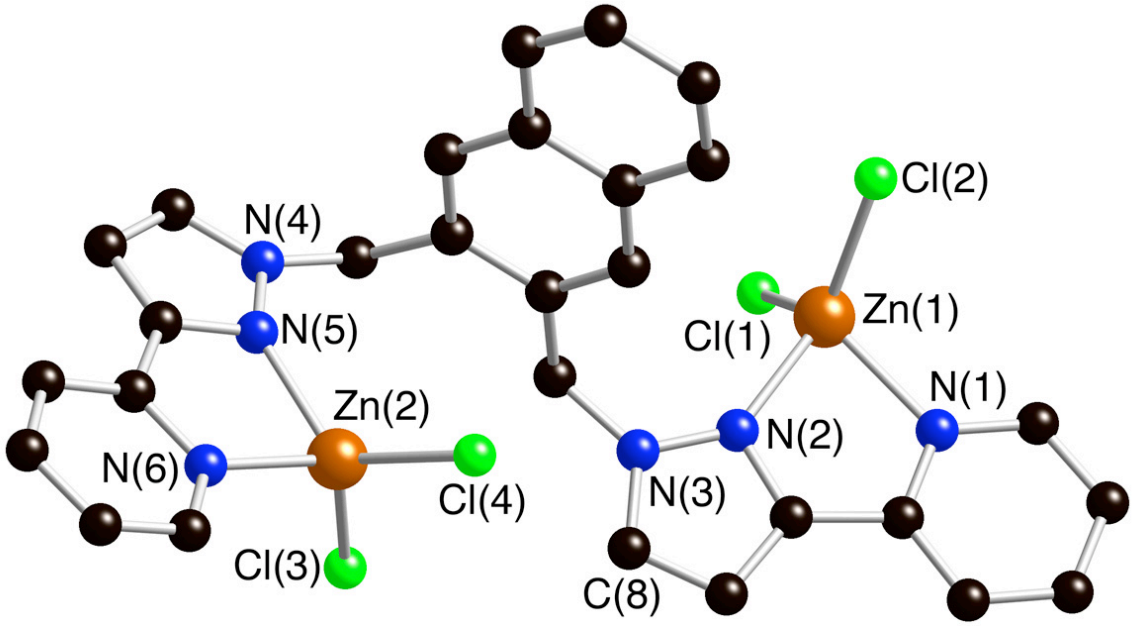

Figure S2. Structure of the complex Zn(2)(L^1)Cl_4, formed by slow evaporation of a mixture of zinc(II) chloride and L^1 from MeOH. Selected bond distances: Zn(1)–N(1), 2.0602(15); Zn(1)–N(2), 2.0607(16); Zn(1)–Cl(1), 2.2195(7); Zn(1)–Cl(2), 2.2202(10); Zn(2)–N(5), 2.0470(14); Zn(2)–N(6), 2.0695(14); Zn(2)–Cl(4), 2.1974(8); Zn(2)–Cl(3), 2.2329(7) Å.