

Reversible Thermo-Responsive Luminescent Metallo-Supramolecular Triblock Copolymers Based on Platinum(II) Terpyridyl Chromophores with Unusual Aggregation Behaviour and Red-Near-Infrared (NIR) Emission Upon Heating

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Supporting Information

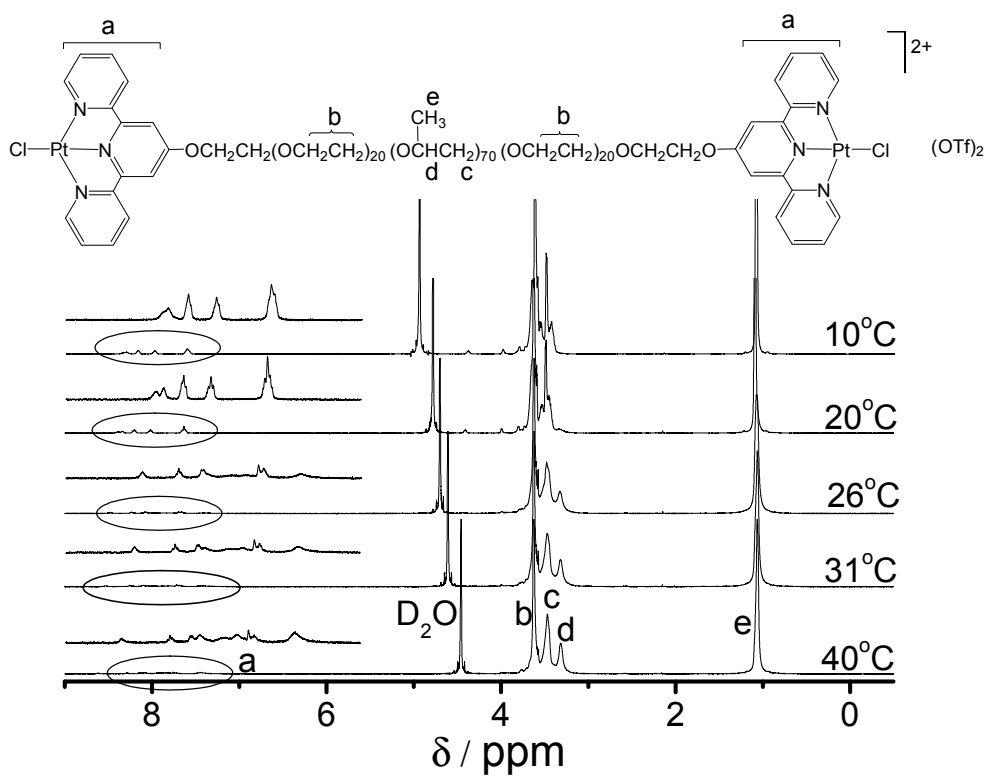


Fig. S1 ¹H NMR spectra of **1** in D₂O (1 wt %) at various temperatures

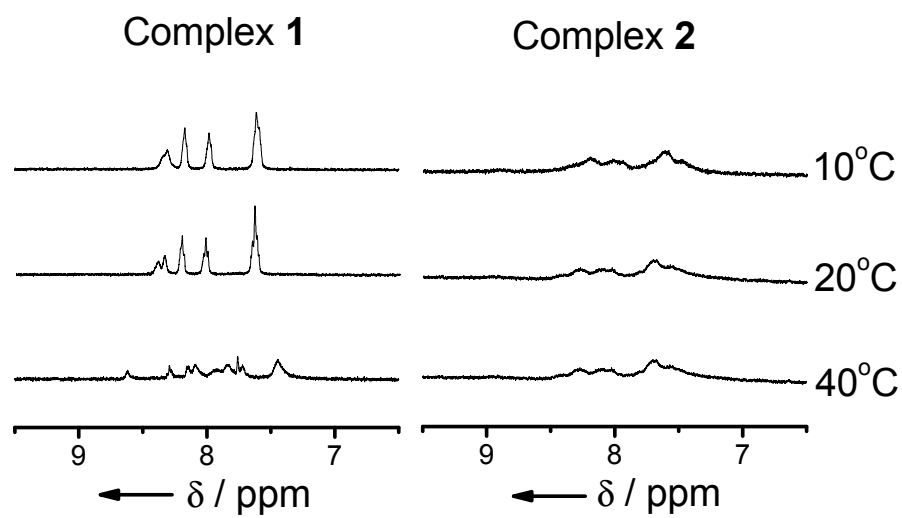


Fig. S2 ¹H NMR spectra of the terpyridyl protons of complexes **1** and **2** in D₂O (1 wt %) at various temperatures

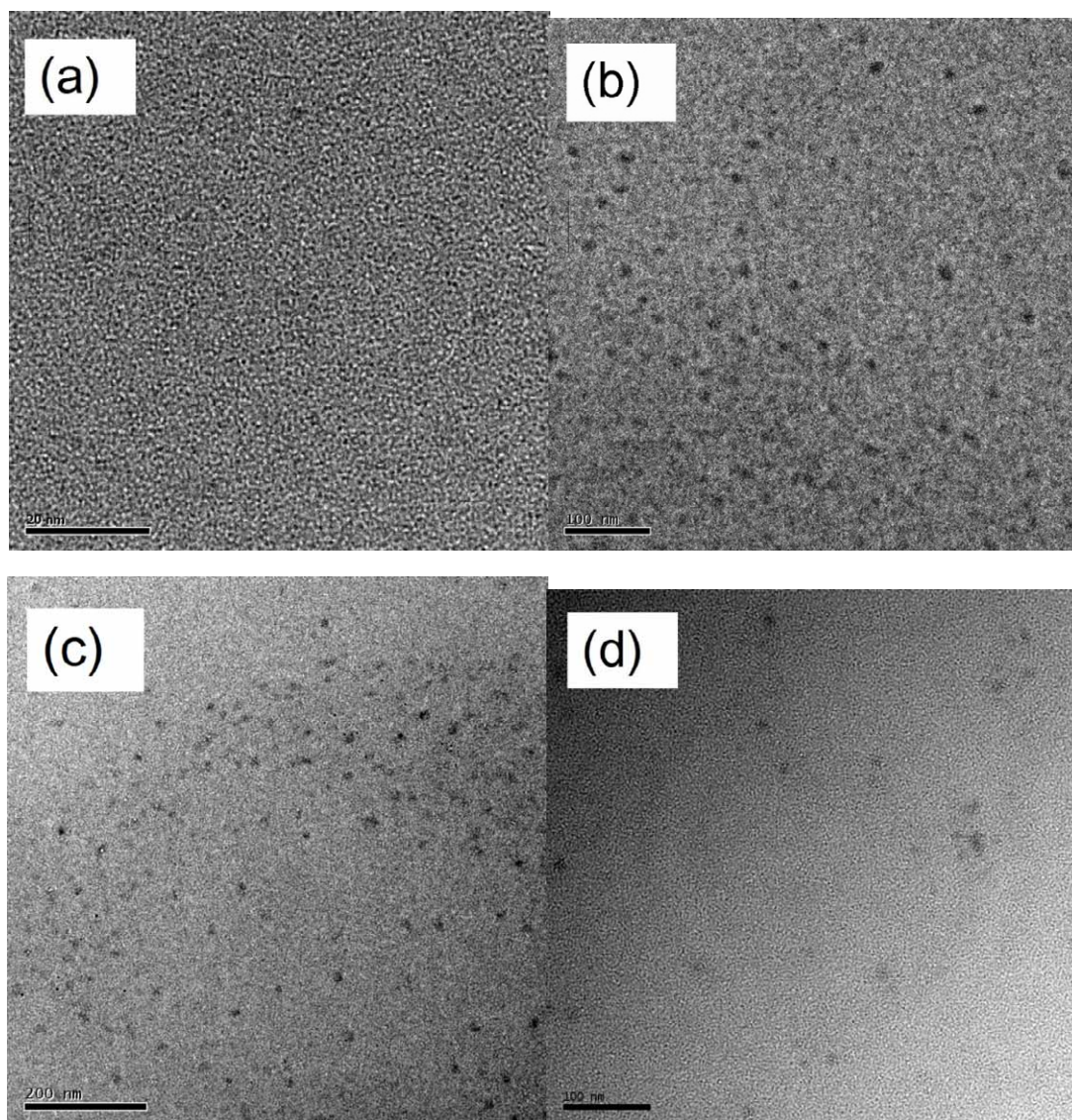


Fig. S3 TEM images of an aqueous solution of **1** (1.0 mg mL^{-1}) at (a) $20 \text{ }^\circ\text{C}$, (b) $30 \text{ }^\circ\text{C}$ and (c) $50 \text{ }^\circ\text{C}$ respectively. (d) TEM image of an aqueous solution of **2** (1.0 mg mL^{-1}) at $30 \text{ }^\circ\text{C}$

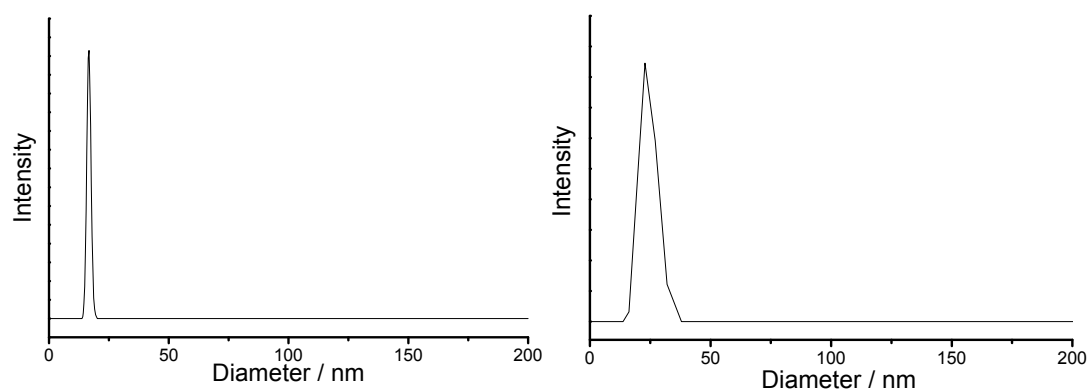


Fig. S4 Dynamic light scattering (DLS) experiments of an aqueous solution of **1** (left) and **2** (right) at 25 °C, with concentration = 1.0 mg mL⁻¹. The intensity-averaged hydrodynamic micelle diameter of **1** and **2** at 25 °C were found to be 16.7 and 23.8 nm respectively.