

Supporting materials

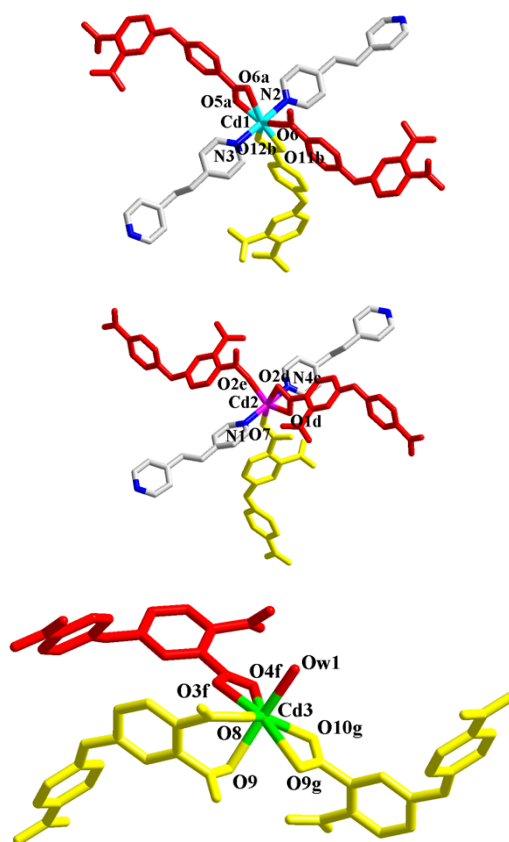


Fig. S1 Coordination environments around Cd1, Cd2 and Cd3 in **1**.

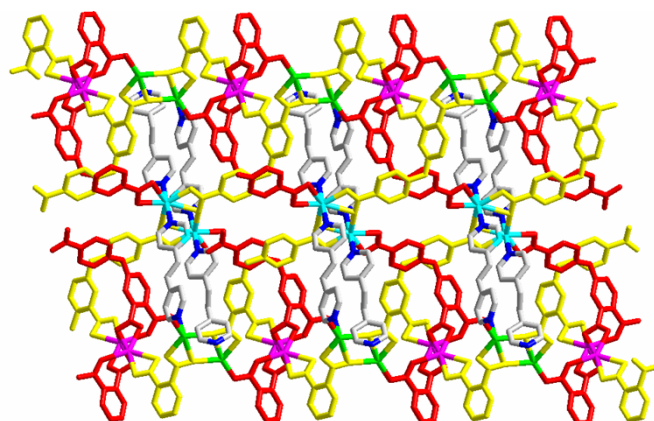


Fig. S2 3-D network of **1**.

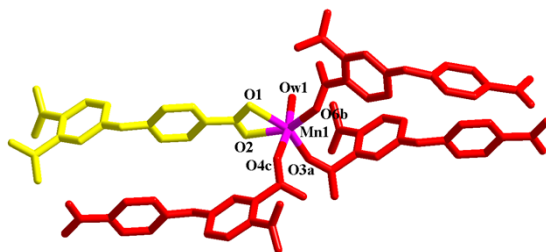


Fig. S3 Coordination environment around Mn1 in **2**.

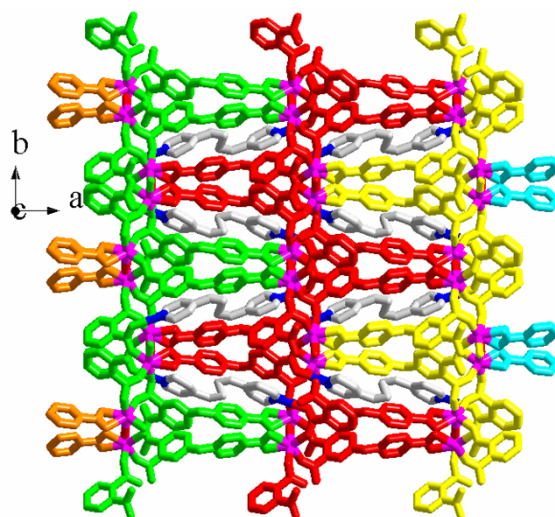


Fig. S4 3-D network for **2**, showing N-H...O hydrogen bonded interactions.

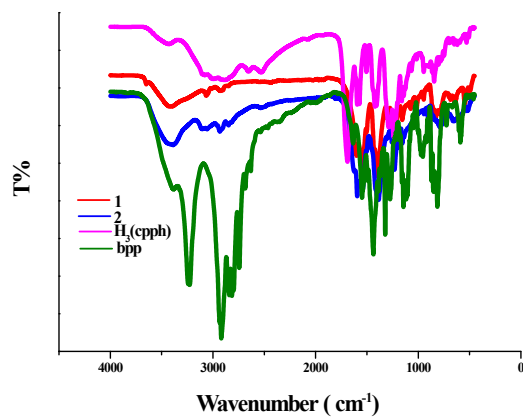


Fig. S5 IR spectra of **1**, **2**, H₃(cp-ph) and bpp.