Auxiliary ligand-directed and counter anion-templated effects on coordination networks based on semirigid *2*-aminodiacetic terephthalic acid ligand

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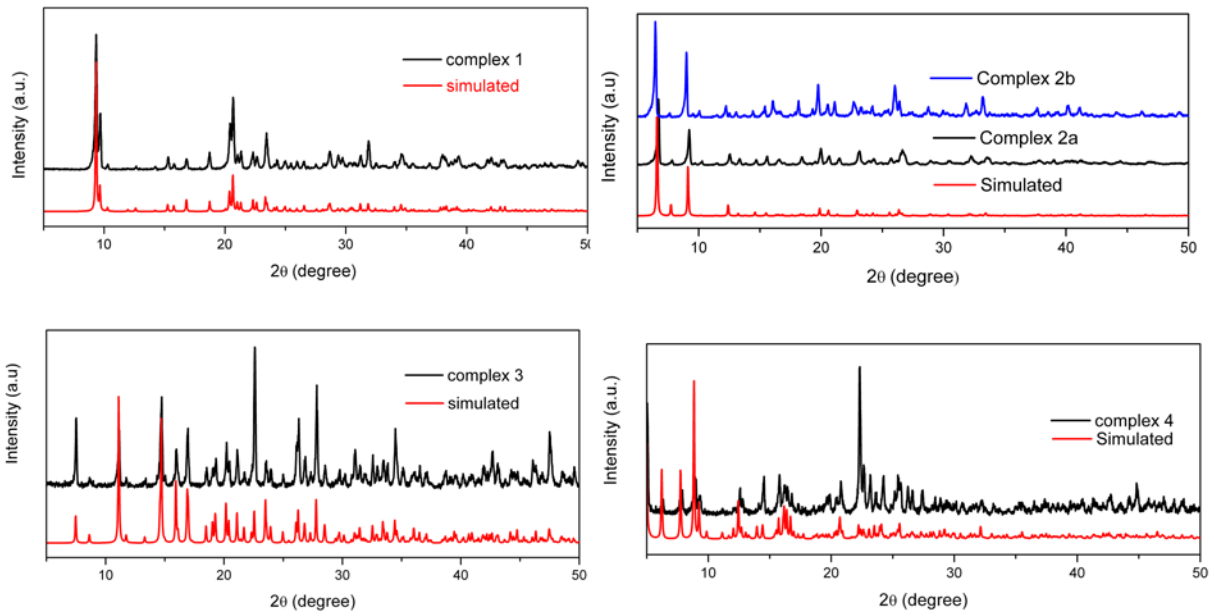

Fig. S1. Power X-ray diffraction patterns for complexes **1-4**.

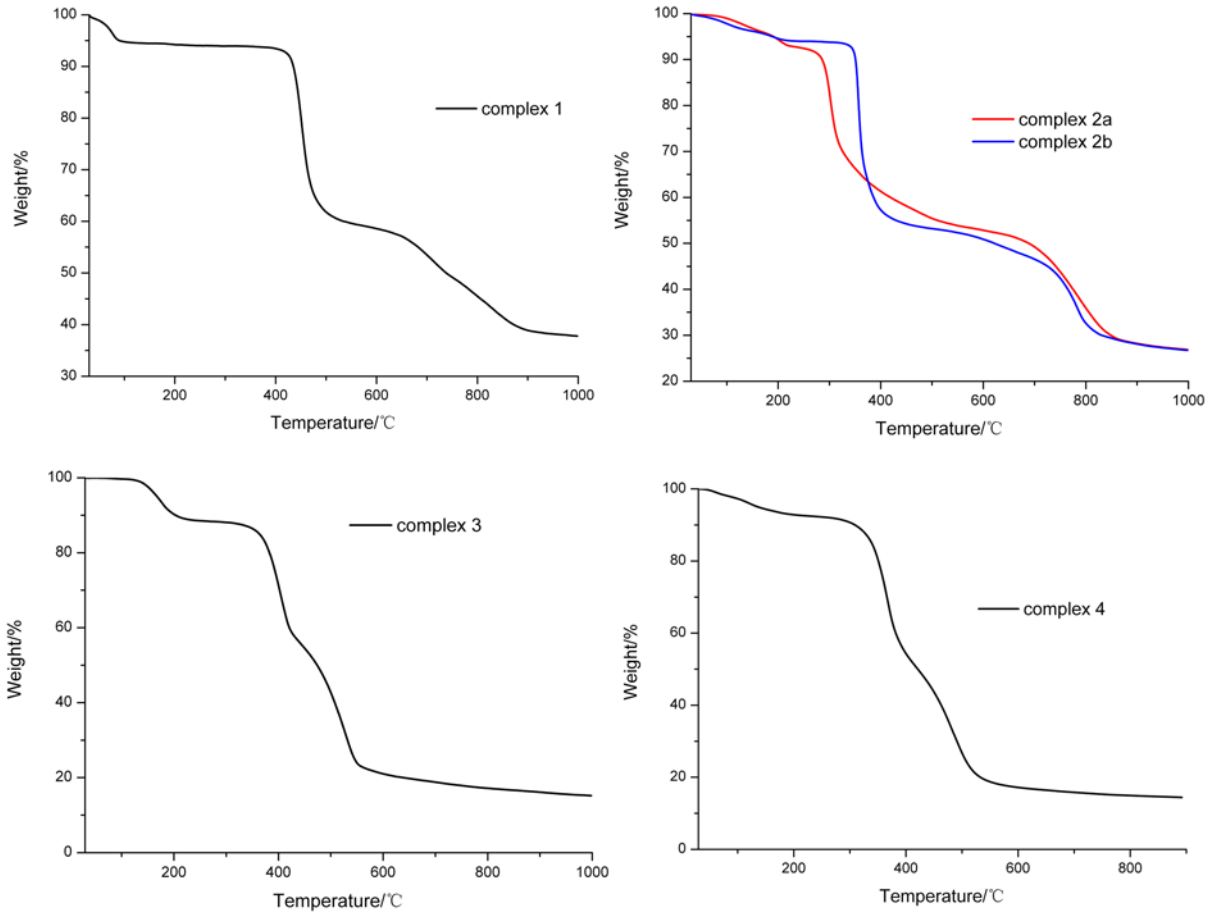

Fig. S2. TG curves for complexes **1-4**.

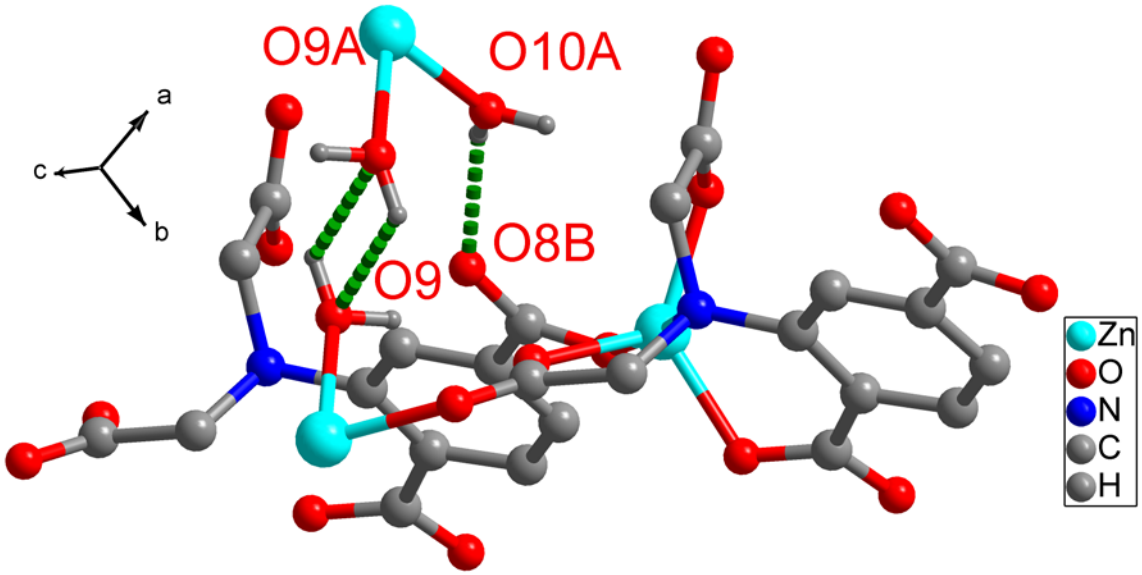

Fig. S3. Hydrogen bonds motif in **1.** symmetry codes, A: *-x*, *-y*, 2-*z*; B: *x*, *y*, 1+*z*. O9···O9A distance is 2.8894(61) Å and O8B···O10A is 2.6866(60) Å.

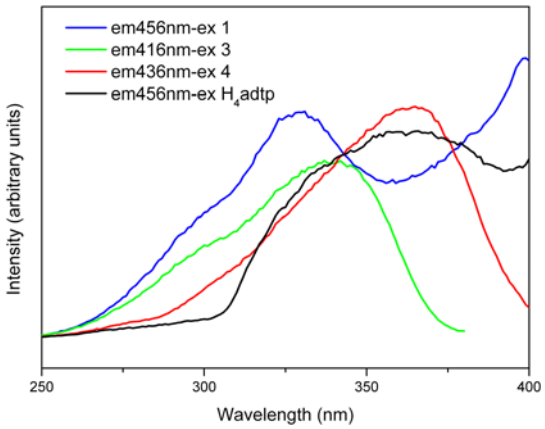

Fig. S4. Luminescent excitation spectra for complexes **1, 3, 4** and H_4adtp.

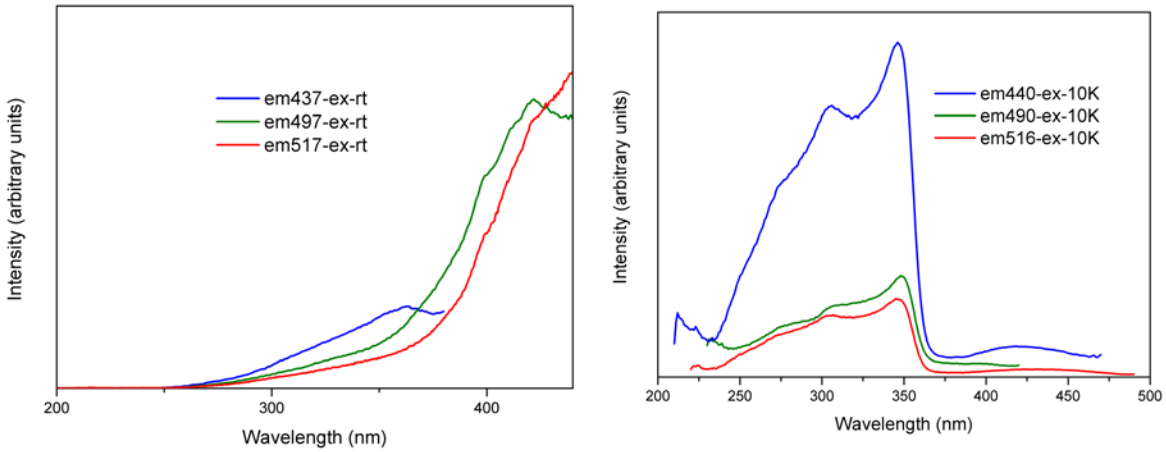

Fig. S5. Luminescent excitation spectra for **2a** at room temperature (left) and 10 K (right).