

Hydrothermal syntheses, coordination isomerism and UV-VIS absorption of  $\text{Co}^{\text{II}}$  and  $\text{Ni}^{\text{II}}$  complexes with mixed ligands

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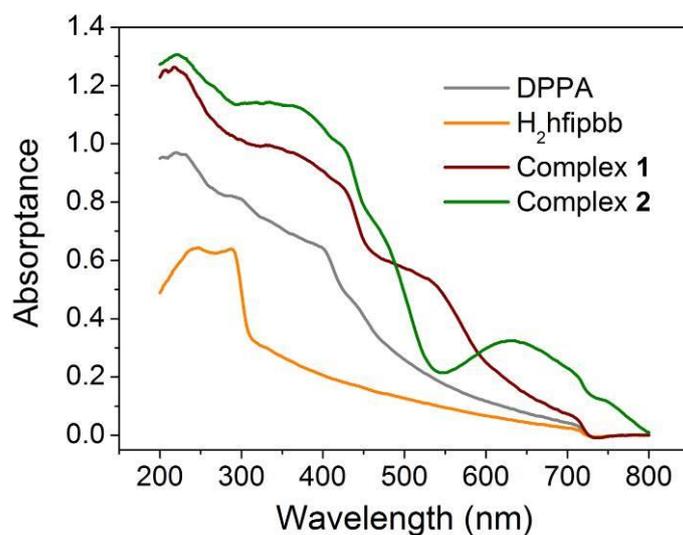


Figure S1 UV-VIS absorption spectra of ligands, complexes 1 and 2.

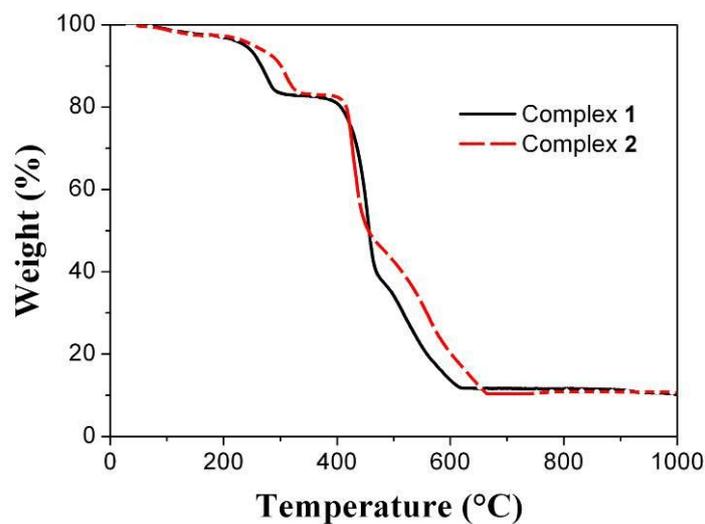
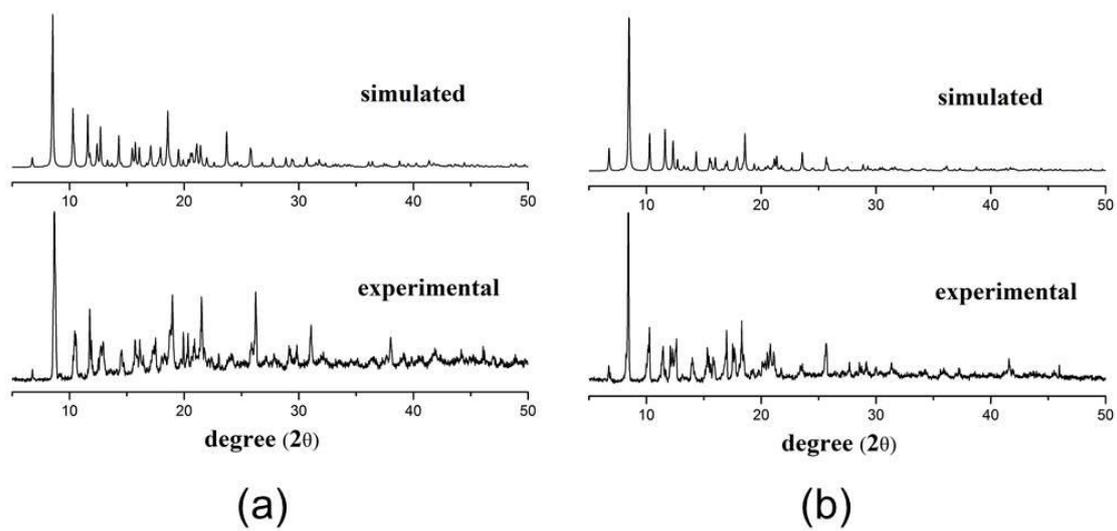


Figure S2 Thermo-gravimetric plots of complexes 1 and 2.



**Figure S3** (a) Powder X-ray diffraction patterns of complex **1**; (b) powder X-ray diffraction patterns of complex **2**.