

Supplementary Information

Study on the Structure and Two-Dimensional Correlation Spectra of

Cd(II) Complexes Based on Flexible Carboxylic Ligands

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Compound 1 [Cd(PCPA)2(4,4'-bipy)]_n X-ray powder diffraction

XRD is an important method to analyze samples by X-ray diffraction. Compound 1 was analyzed by XRD, as shown in Fig. S1.

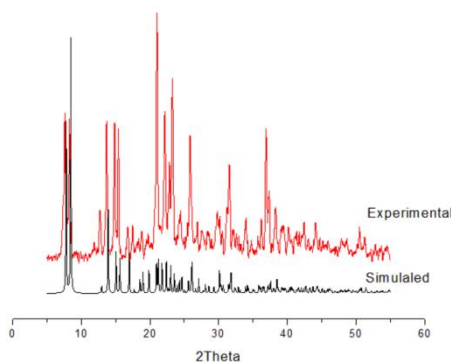


Fig.S1 Experimental and theoretically simulated powder XRD patterns for compounds 1

The above spectra show that the main diffraction peaks coincide with the theoretical peaks fitted by the crystal data, indicating that these compounds are pure phases.