

# **Self-assembly of Metal-Organic Coordination Polymers Constructed from a Versatile Multi-pyridyl Ligand: Diversity of Coordination Modes and Structures**

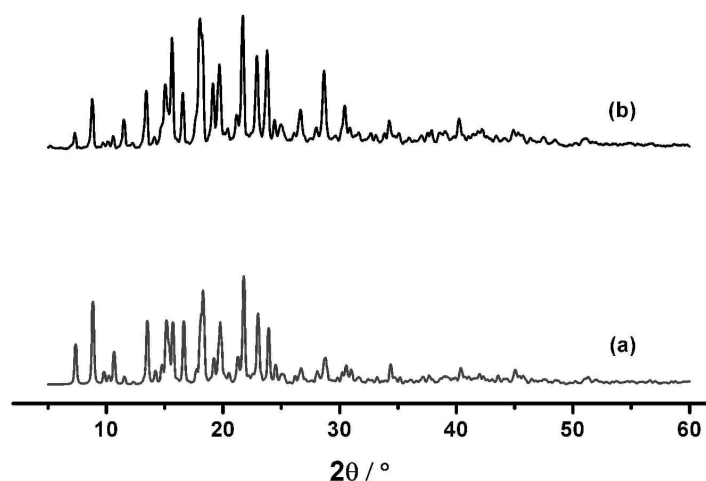
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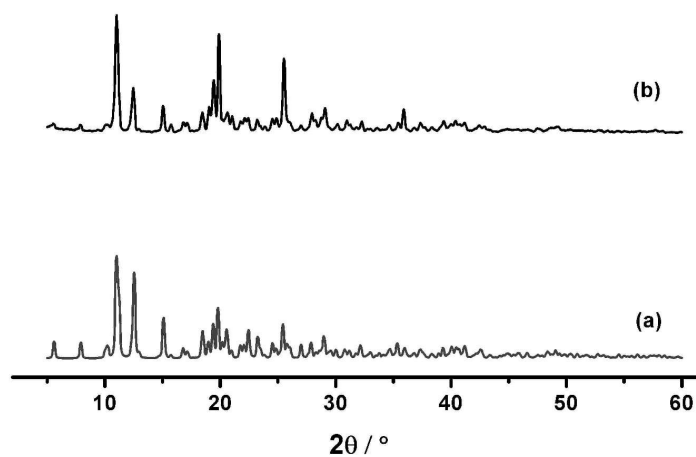
## **SUPPORTING INFORMATION**

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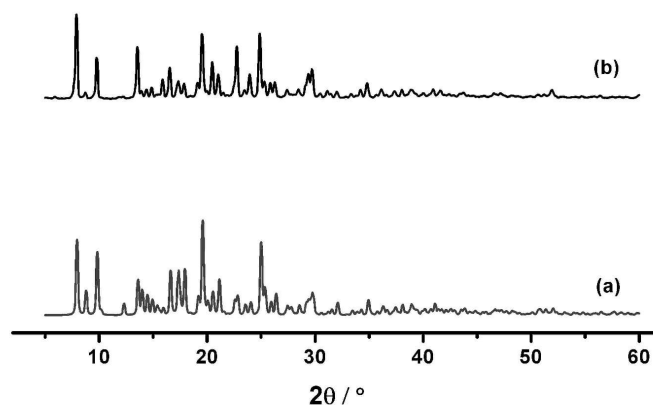
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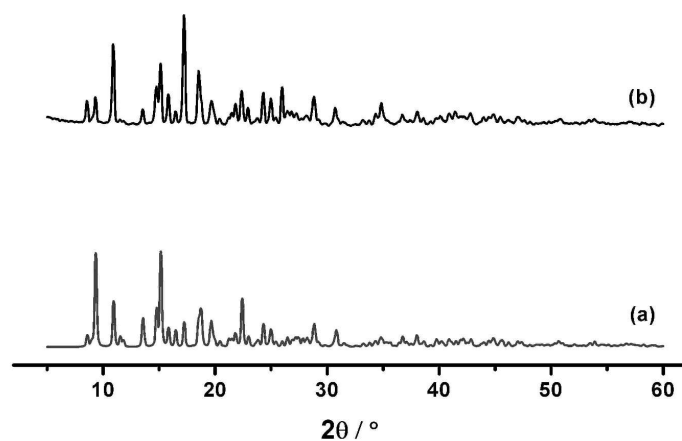
**Figure S1.** Powder XRD patterns of (a) a simulation based on single-crystal analysis of **1**, (b) as-synthesized **1**.



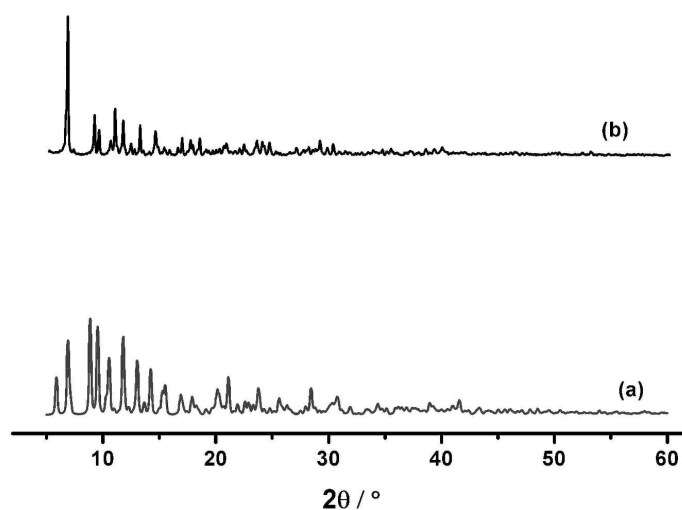
**Figure S2.** Powder XRD patterns of (a) a simulation based on single-crystal analysis of **2**, (b) as-synthesized **2**.



**Figure S3.** Powder XRD patterns of (a) a simulation based on single-crystal analysis of **3**, (b) as-synthesized **3**.



**Figure S4.** Powder XRD patterns of (a) a simulation based on single-crystal analysis of **5**, (b) as-synthesized **5**.



**Figure S5.** Powder XRD patterns of (a) a simulation based on single-crystal analysis of **6**, (b) as-synthesized **6**.