

Supporting Information for

Supramolecular Isomerism of Metal-Organic Frameworks Derived from a Bicarboxylate Linker with Two Distinct Binding Motifs

Lu Feng, Zhenxia Chen, Tengbiao Liao, Peng li, Yu Jia, Xiaofeng Liu, Yongtai Yang,
Yaming Zhou*

Department of Chemistry, Fudan University, Shanghai, 200433, P. R. China

*Corresponding author. Tel.: +86 21 65642261; fax: +86 21 65643925. E-mail
address: ymzhou@fudan.edu.cn

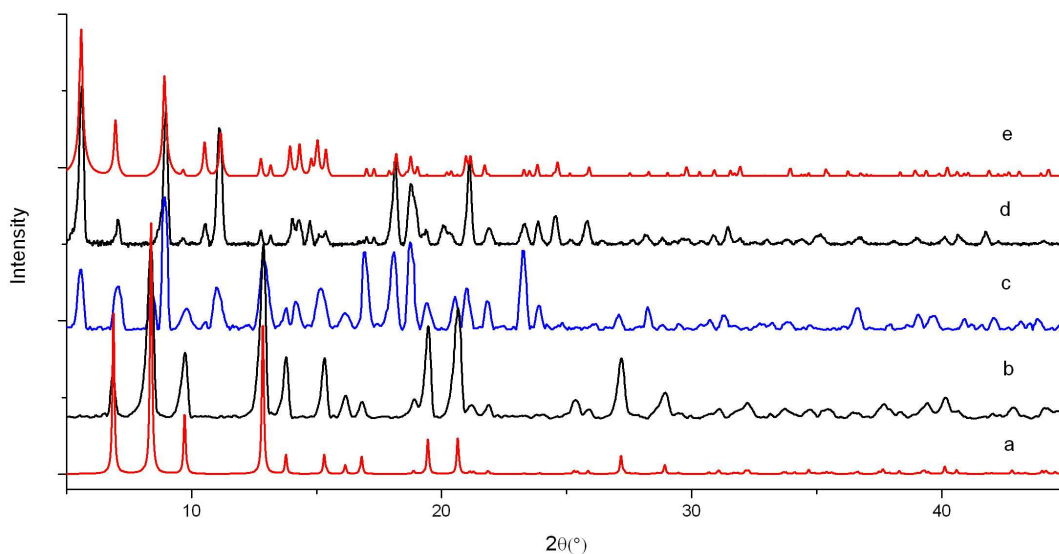


Figure S1. Comparison of PXRD experimental data and simulated patterns derived from single crystal structure data for compound **1** and **2**, showing the changing process from pure single crystal phase **1** to pure single crystal phase **2** with the increase of DMF:H₂O ratio. (a) Simulated patterns for single crystal **1**. (b) Experimental patterns for pure single crystal phase **1** in the solvent of DMF:H₂O = 1:1. (c) Experimental patterns for the mixed phase of **1** and **2** in the solvent when DMF:H₂O=3:1. (d) Experimental patterns for pure single crystal phase **2** in the solvent of DMF:H₂O=7:1. (e) Simulated patterns for single crystal **2**

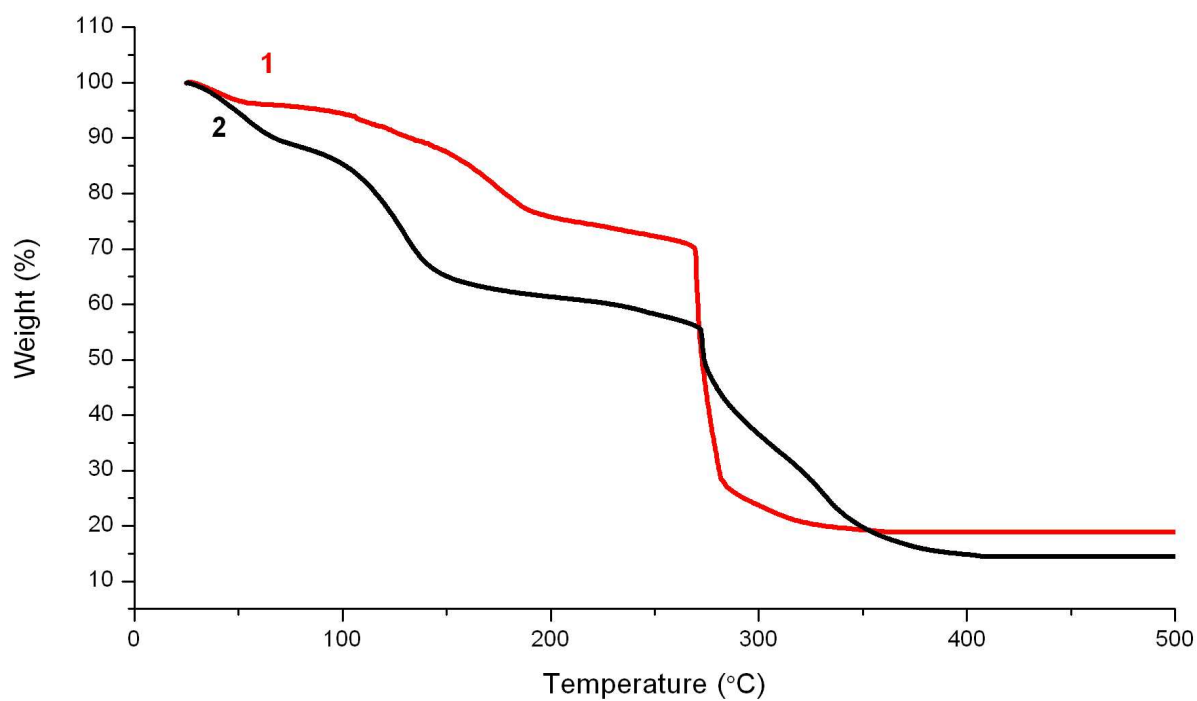


Figure S2. TGA curves of **1** and **2** in air atmosphere at a heating rate of 10 °C/min.