

Supporting Information

Syntheses, Topological Structures and Properties of Six Metal-Organic Frameworks Constructed by the Flexible Tetracarboxylate Ligand

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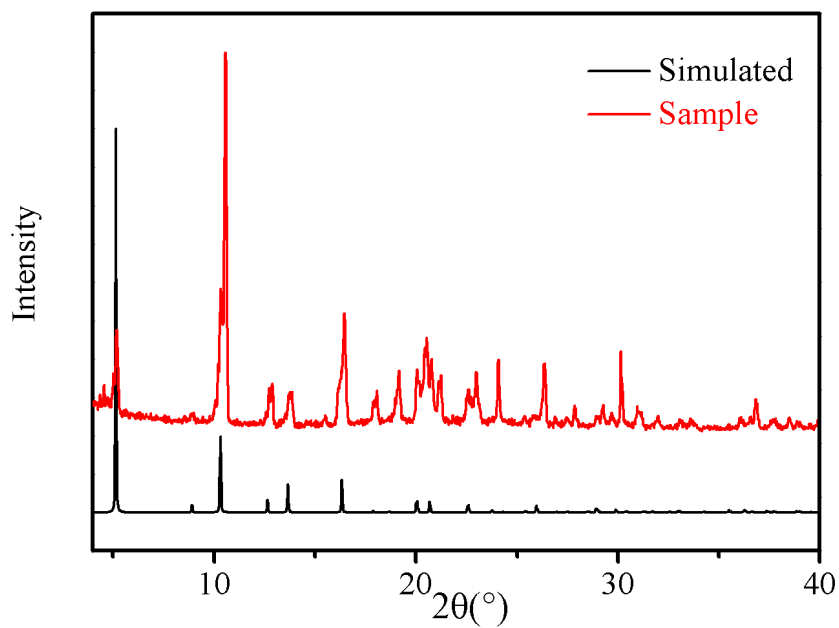


Figure S1 X-ray powder diffraction patterns of MOF 1 and simulated samples.

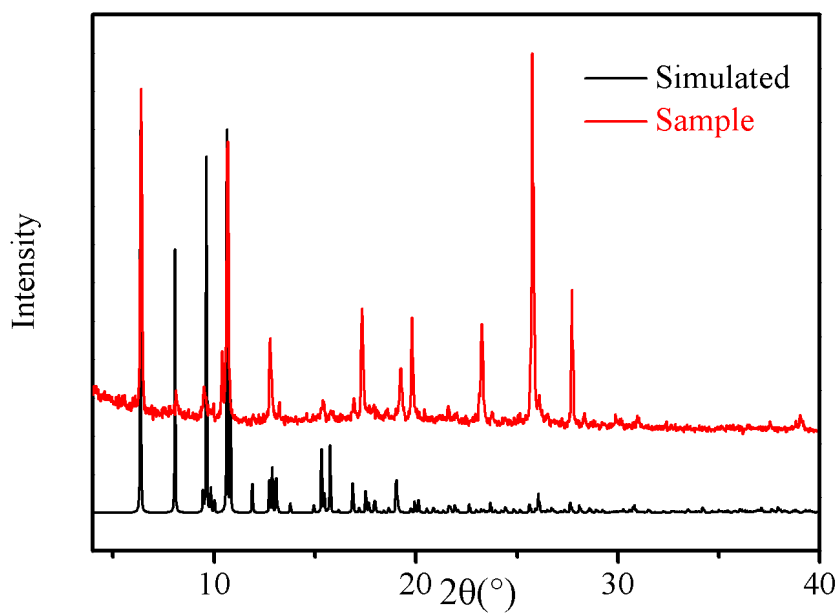


Figure S2 X-ray powder diffraction patterns of MOF 2 and simulated samples.

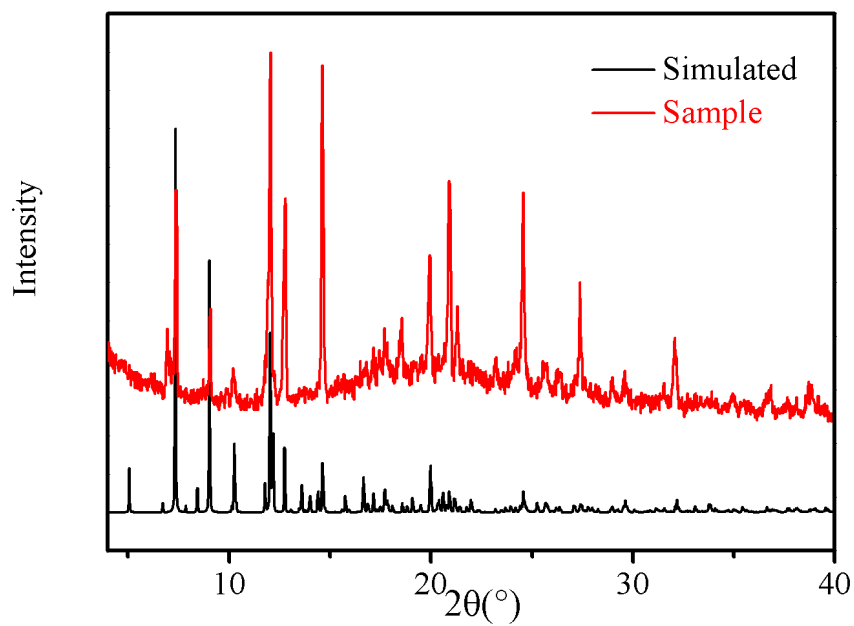


Figure S3 X-ray powder diffraction patterns of MOF **3** and simulated samples.

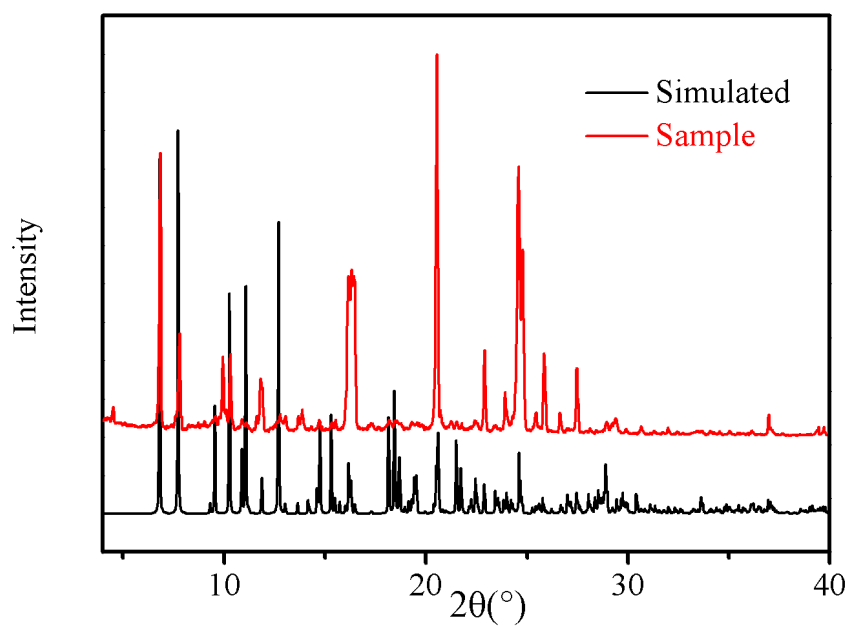


Figure S4 X-ray powder diffraction patterns of MOF **4** and simulated samples.

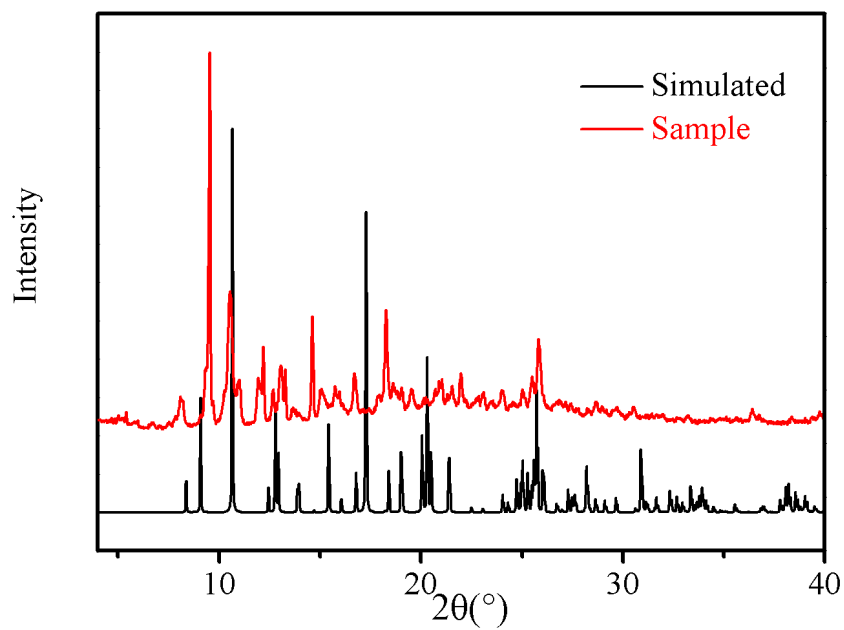


Figure S5 X-ray powder diffraction patterns of MOF **5** and simulated samples.

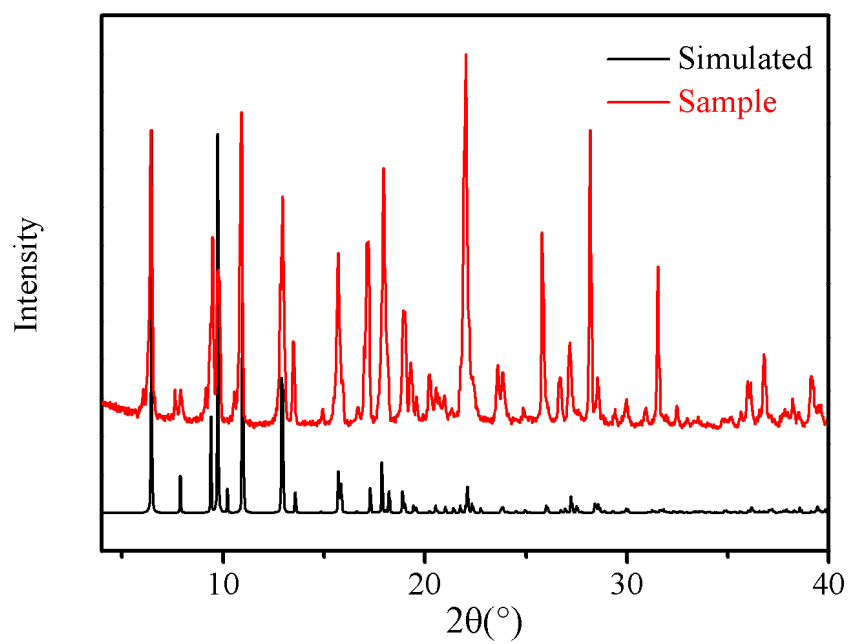


Figure S6 X-ray powder diffraction patterns of MOF **6** and simulated samples.

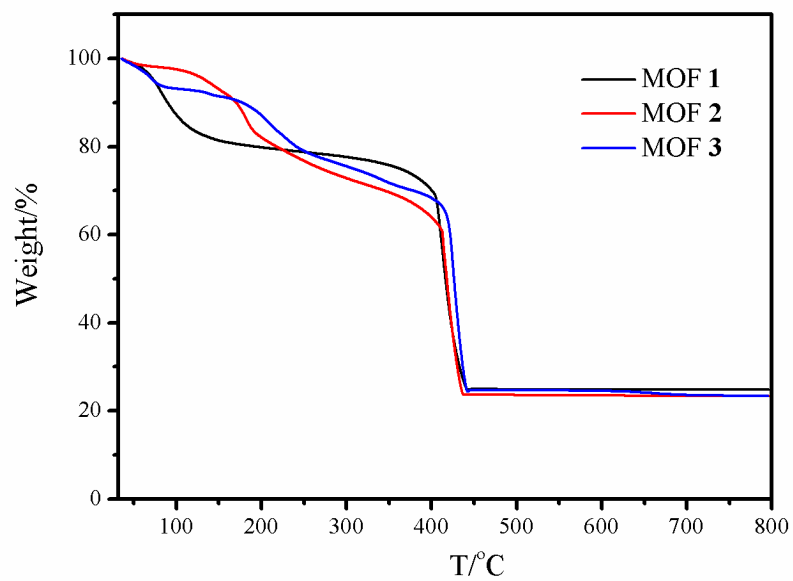


Figure S7 TG curves for MOF 1, MOF 2 and MOF 3

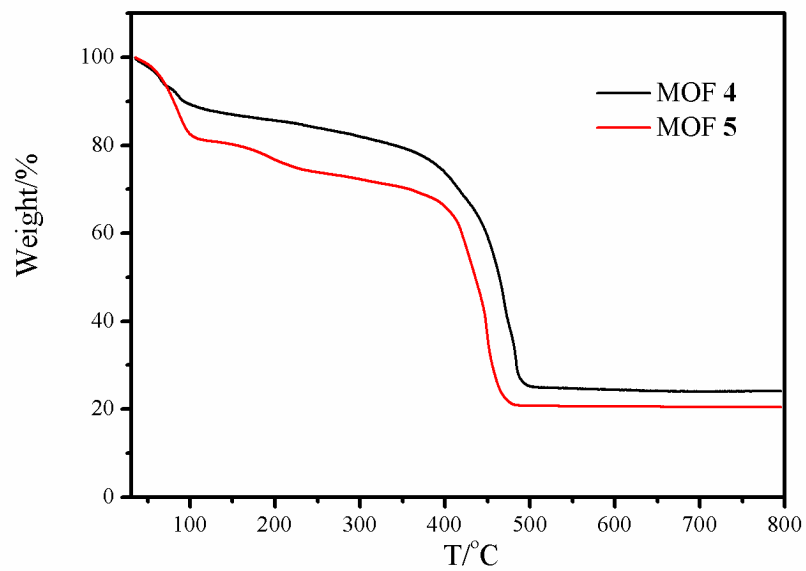


Figure S8 TG curves for MOF 4 and MOF 5

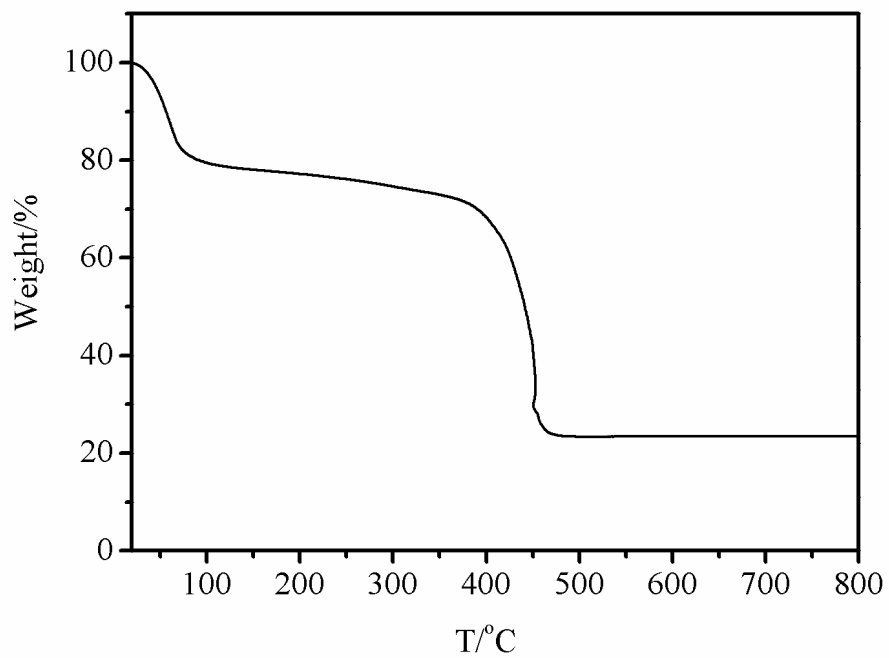


Figure S9 TG curves for MOF 6

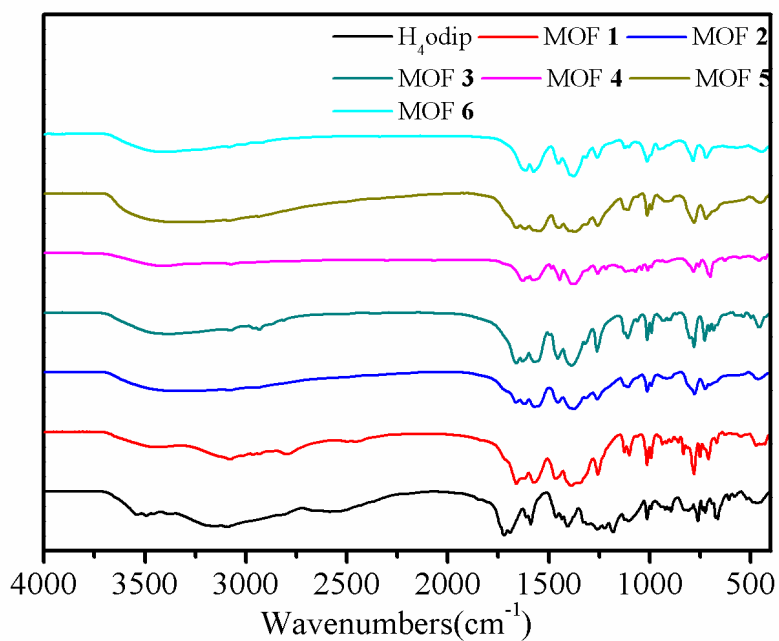


Figure S10 IR spectra of H₄odip and MOFs 1-6