

Supporting Information for

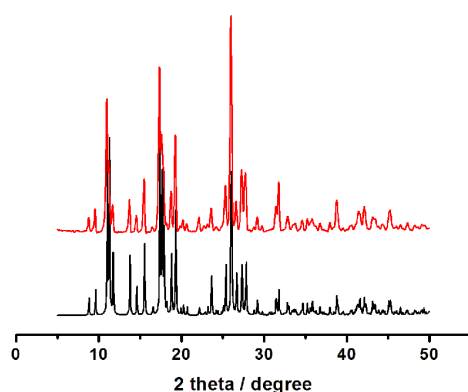
Delicate substituent effect of isophthalate tectons on the structural assembly of diverse 4-connected metal-organic frameworks (MOFs)

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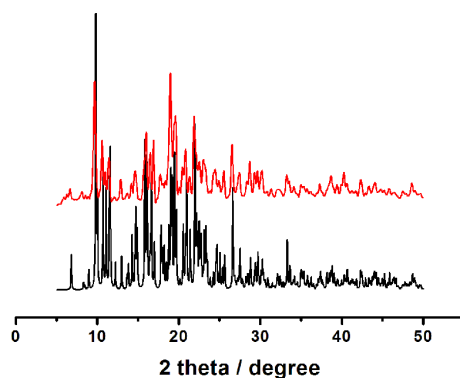
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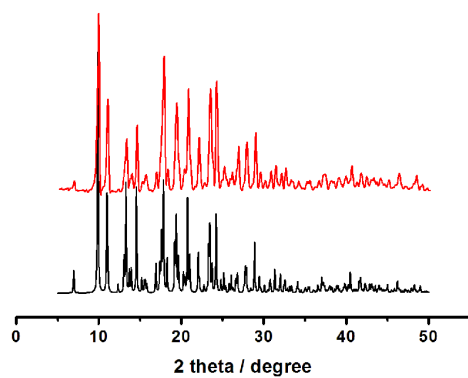
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(1)

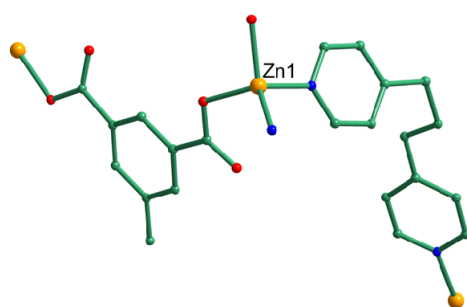


(2)

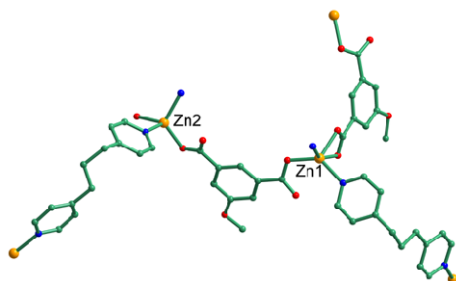


(3)

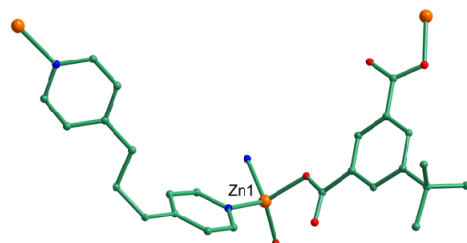
Fig. S1. XPRD patterns of complexes 1–3 for observed (black) and as-synthesized (red) samples.



(1)



(2)



(3)

Fig. S2. Coordination environments of Zn^{II} and binding modes of ligands in 1–3.

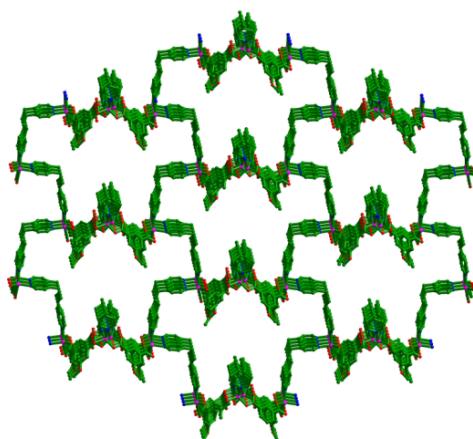


Fig. S3. 3-D coordination framework of **2**.

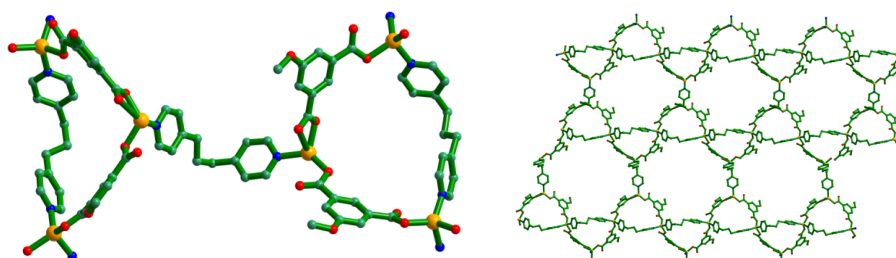


Fig. S4. Dumbbell-shaped structural unit and 2D coordination layer in **2**.

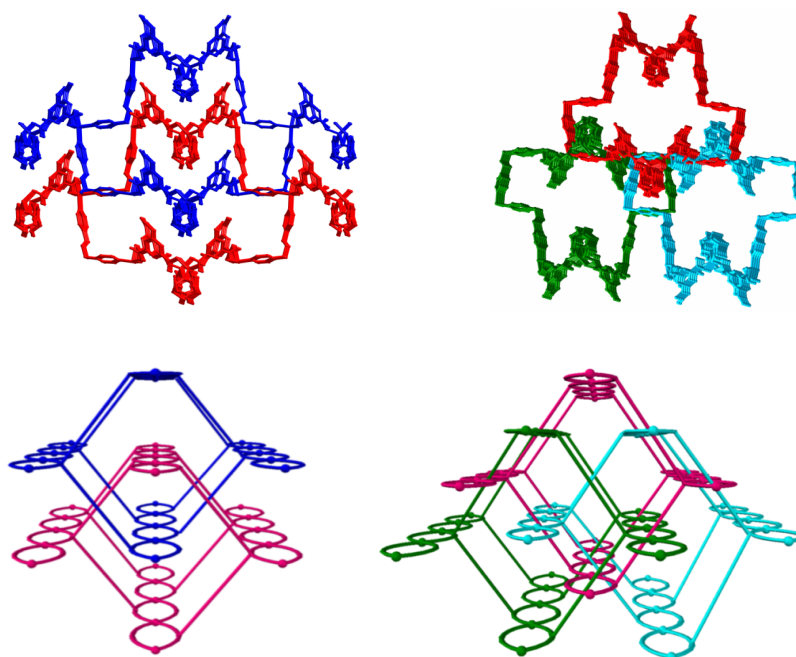
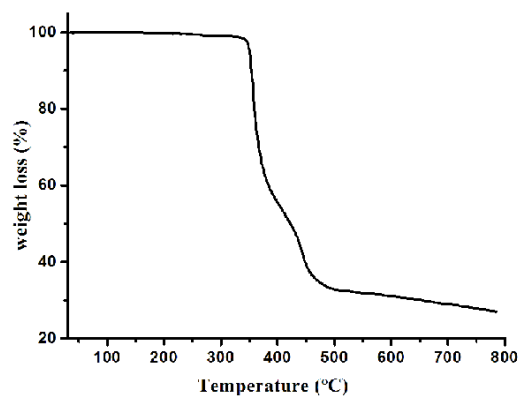
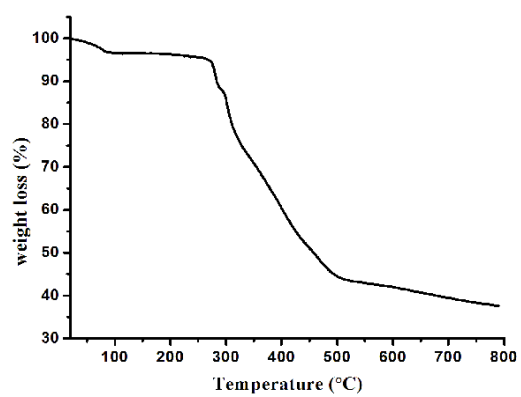


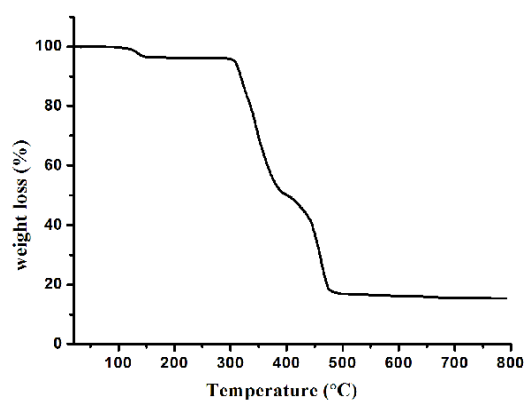
Fig. S5. Interpenetrating fashion of the 3-D coordination networks in **2**.



(1)



(2)



(3)

Fig. S6. TGA curves of complexes 1–3.

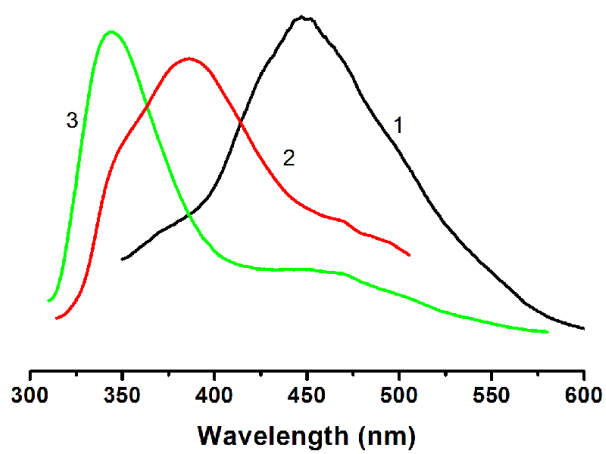


Fig. S7. Solid-state emission spectra of **1–3** at room temperature.