Electronic Supplementary Information

Counterion-Induced Controllable Assembly of 2D and 3D Metal-Organic Frameworks: Effect of Coordination Modes of Dinuclear Cu(II) Paddle-Wheel Motifs

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Figure S1. Powder XRD profiles of simulated and experimental compounds 1-3.
Figure S2. A view showing the coordination environments of dinuclear Cu(II) paddle-wheel cluster and the binding mode of hfipbb ligand.

Figure S3. View of the coordination environments of dinuclear M(II) (M = Cu, 2; Co, 3) cluster and the different binding modes of hfipbb and H₂hfipbb ligands.

Figure S4. Solid-state emission spectra of compounds 1-3 at room temperature.
Figure S5. Fluorescent emission spectra of H$_2$hfipbb ligand ($\lambda_{ex} = 435$ nm, inset: excitation spectrum).