Conjugated Ligand Modulated Sandwich Structures and Luminescence Properties of Lanthanide Metal-Organic Frameworks

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Figure S1. Powder X-ray diffraction patterns of complexes 1 and 2.



Figure S2. Powder X-ray diffraction patterns of complexes 3 - 5.



Figure S4. Luminescence spectrum of Hcbmp 77 K.



Figure S5. Room temperature emission decay curve of **1** monitored at 642 nm and excited at 403 nm



Figure S6. Room temperature emission decay curve of **2** monitored at 616 nm and excited at 395 nm



Figure S7. The emission spectrum of the as-synthesized, dehydrated and rehydrated phases of **3**



Figure S8. The emission spectra of the as-synthesized, dehydrated and D_2O -rehydrated phases of **4**.



Figure S9. Room temperature emission decay curve of the as-synthesized, dehydrated and rehydrated phases of **3** monitored at 642 nm and excited at 365 nm.



Figure S10. Room temperature emission decay curves of the as-synthesized, dehydrated and rehydrated phases of **4** monitored at 618 nm and excited at 365 nm.