

Electronic Supplementary Information for Dalton Trans.

Fluorinated Metal-Organic Frameworks of
1,4-Bis(1,2,4-triazol-1-ylmethyl)-2,3,5,6-tetrafluorobenzene:
Synergistic Interactions of
Ligand Isomerism and Counteranions

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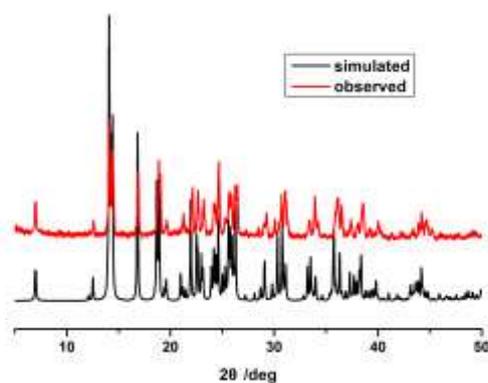


Fig. S1. Observed PXR D patterns (black) and simulated PXR D patterns (red) of compound **1**.

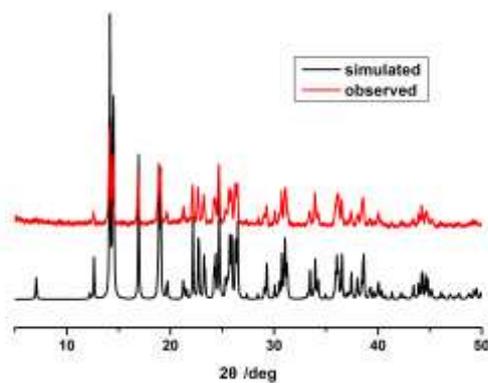


Fig. S2. Observed PXR D patterns (black) and simulated PXR D patterns (red) of compound **2**.

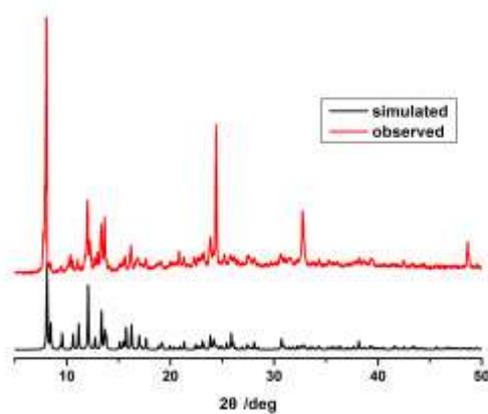


Fig. S3. Simulated PXR D patterns (black) and observed PXR D patterns (red) of compound **6**.

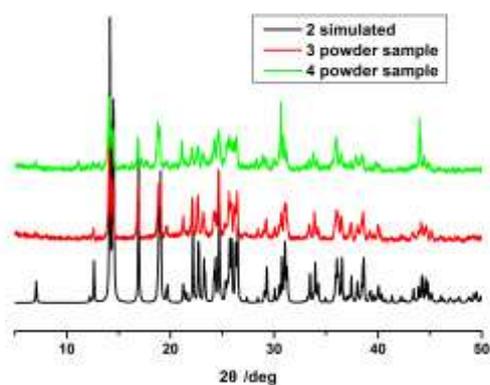


Fig. S4. Simulated PXRD patterns (black) of **2** and observed PXRD patterns (red and green) of compounds **3** and **4**.

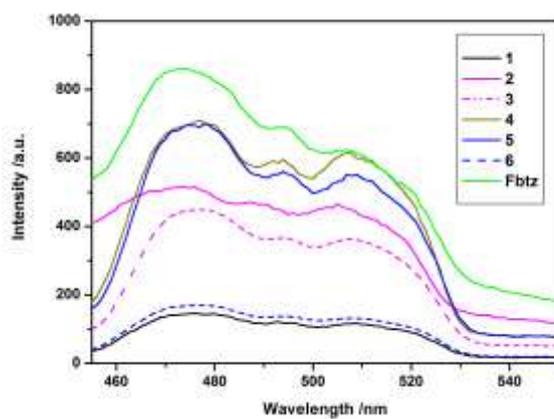


Fig. S5. Solid state emission spectra of complexes **1–6** and the free ligand.