Syntheses, Crystal Structures, UV-Visible Absorption Properties of Five Metal-Organic Frameworks Constructed From Terphenyl-2,5,2',5'-tetracarboxylic Acid and Bis(imidazole) Bridging Ligands

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Figure S1. IR spectra of 1 (a), 2 (b), 3 (c), 4 (d), and 5 (e).
Figure S2. The [M(1,3-bimb)]_2 loop in compound 1 (M=Ni) and 2 (M=Mn).

Figure S3. The [Ni(1,4-bmib)]_n chain in compound 3.

Figure S4. The [Ni(4,4'-bibp)]_n net in compound 4.

Figure S5. The [Ni(4,4'-bimbp)]_n chain in compound 5.
Figure S6. PXRD patterns of 1 (a), 2 (b), 3 (c), 4 (d), and 5 (e). Dark: calculated from the X-ray single-crystal data; Blue: observed for the as-synthesized solids.