

Electronic Supplementary Information (ESI) for

**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**

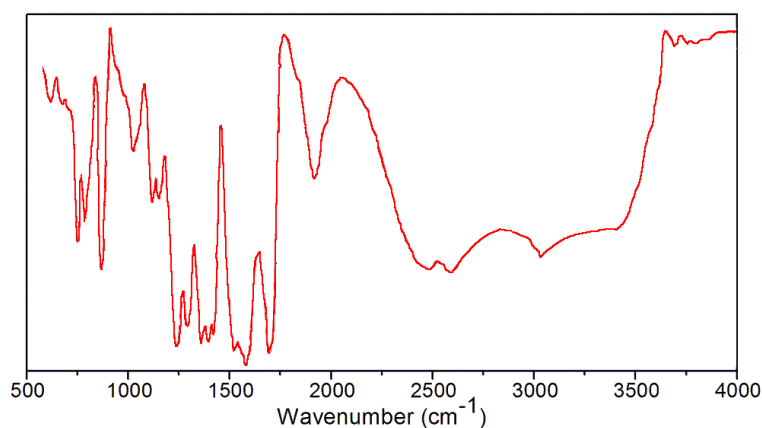
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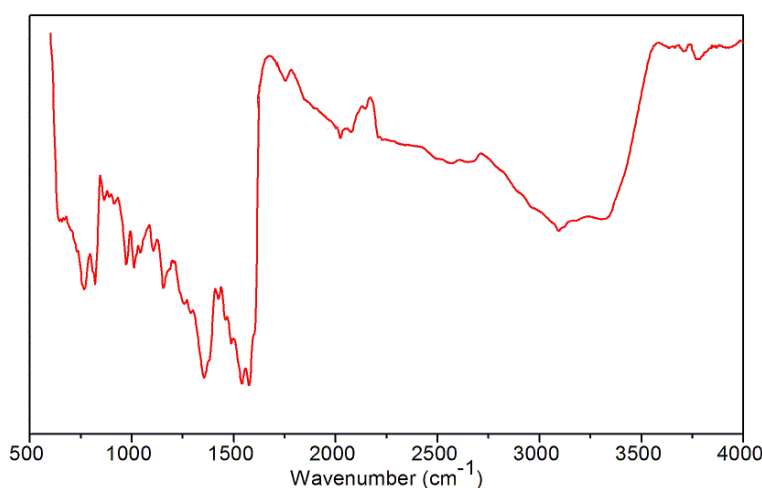
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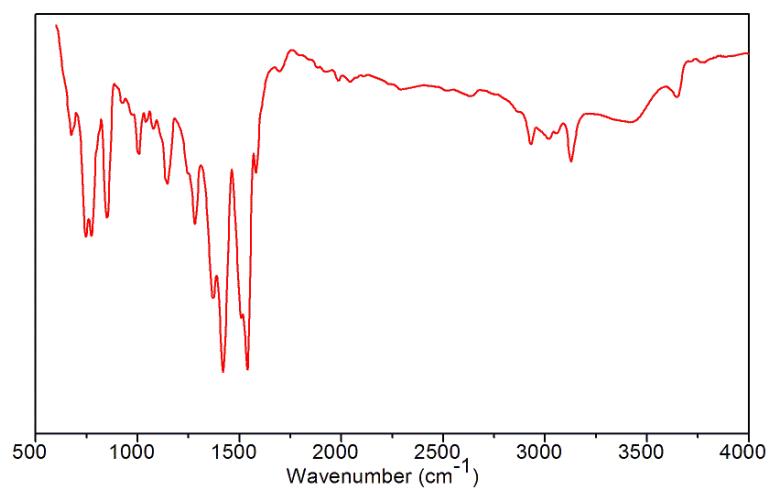
ESI



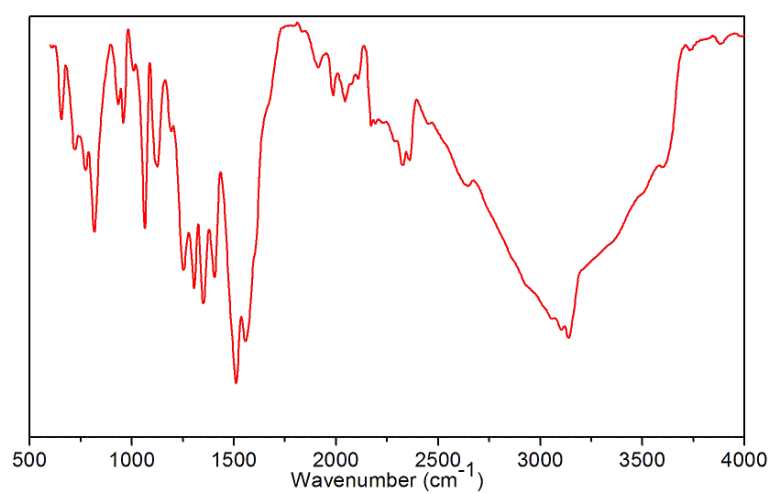
(a)



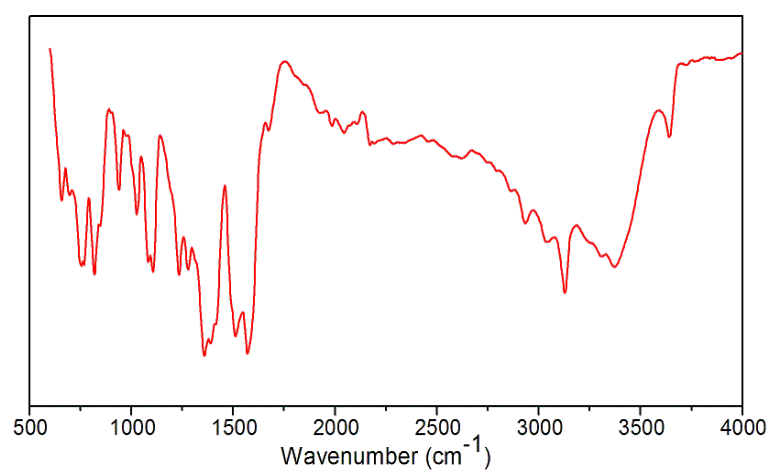
(b)



(c)



(d)



(e)

Figure S1. IR spectra of **1** (a), **2** (b), **3** (c), **4** (d), and **5** (e).

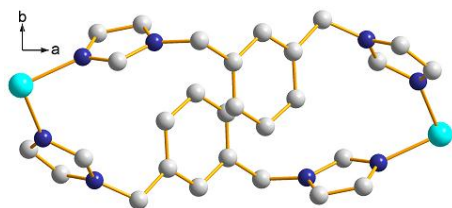


Figure S2. The $[M(1,3\text{-bimb})]_2$ loop in compound **1** ($M=\text{Ni}$) and **2** ($M=\text{Mn}$).

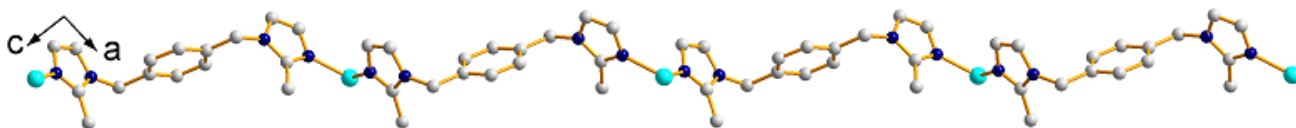


Figure S3. The $[\text{Ni}(1,4\text{-bmib})]_n$ chain in compound **3**.

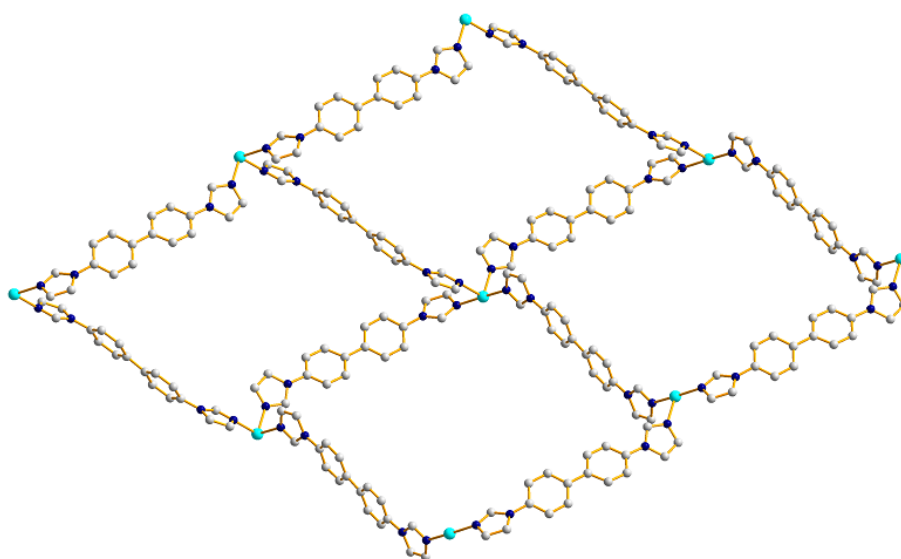


Figure S4. The $[\text{Ni}(4,4'\text{-bibp})]_n$ net in compound **4**.

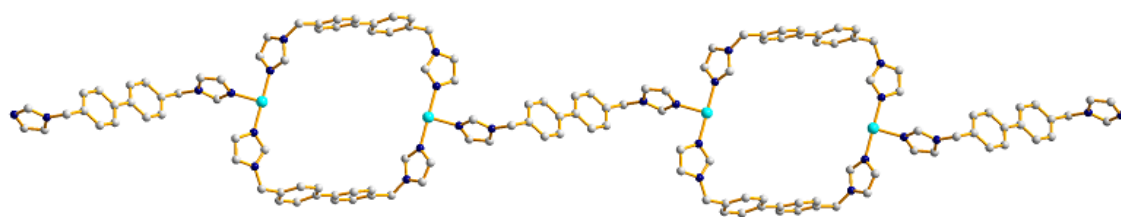


Figure S5. The $[\text{Ni}(4,4'\text{-bimbp})]_n$ chain in compound **5**.

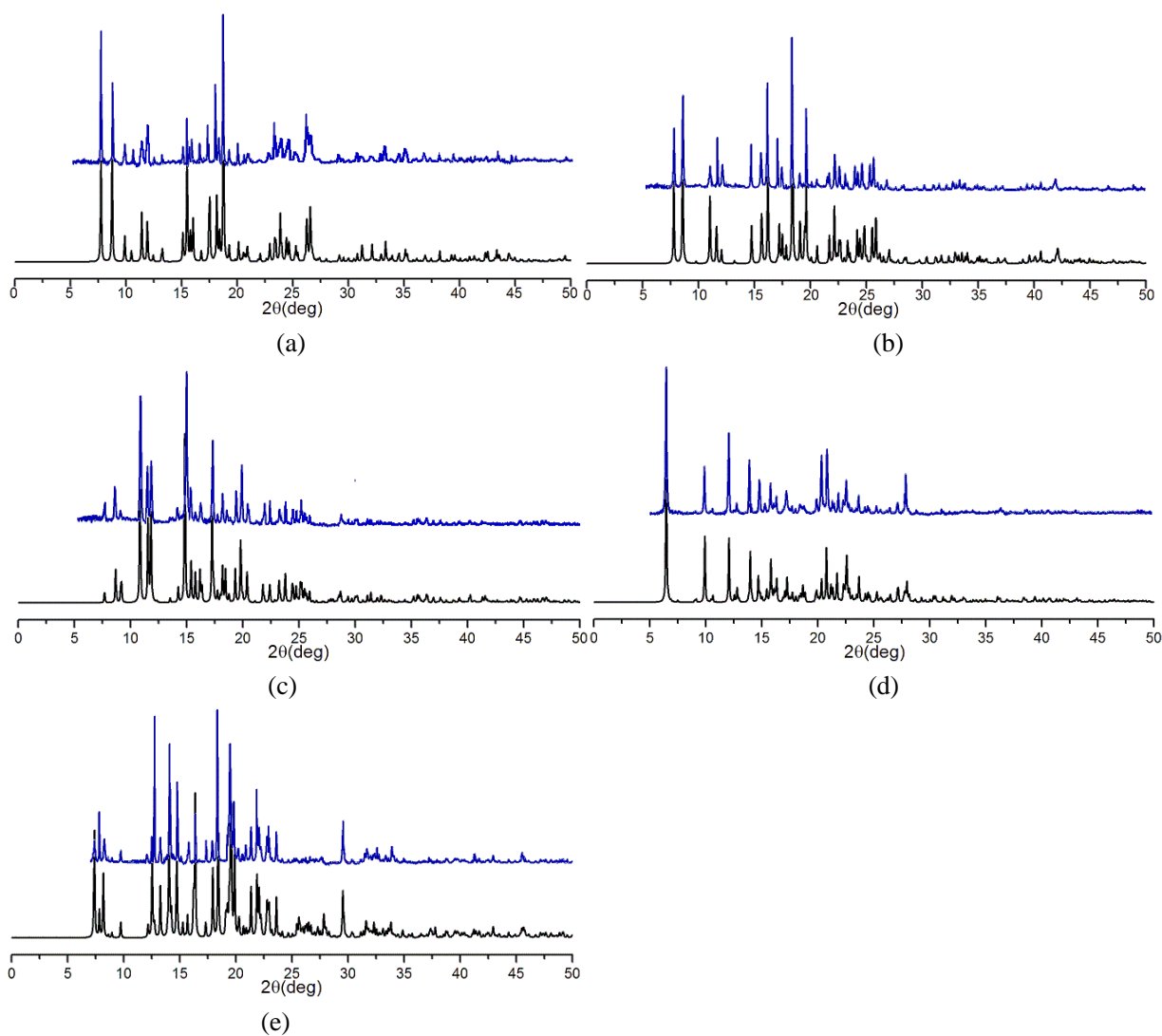


Figure S6. PXRD patterns of **1** (a), **2** (b), **3** (c), **4** (d), and **5** (e). Dark: calculated from the X-ray single-crystal data; Blue: observed for the as-synthesized solids.