

Electronic Supplementary Information (ESI) for

**Integration of Semi-rigid proline ligand and 4,4'-bipyridine
on the Synthesis of Homochiral metal-organic frameworks
with helices**

Zhong-Xuan Xu,^{a,c} Yao Kang,^a Min-Le Han,^b Dong-Sheng Li,^b and Jian Zhang^{*a,b}

^aState Key Laboratory of Structural Chemistry, Fujian Institute of Research on the
Structure of Matter, the Chinese Academy of Sciences, Fuzhou, Fujian 350002, P. R. China.

^bCollege of Materials & Chemical Engineering, China Three Gorges University, Yichang 443002,
P. R. China.

^cDepartment of Chemistry, Zunyi Normal College, Zunyi, Guizhou 563002, P. R. China

E-mail: zhj@fjirsm.ac.cn

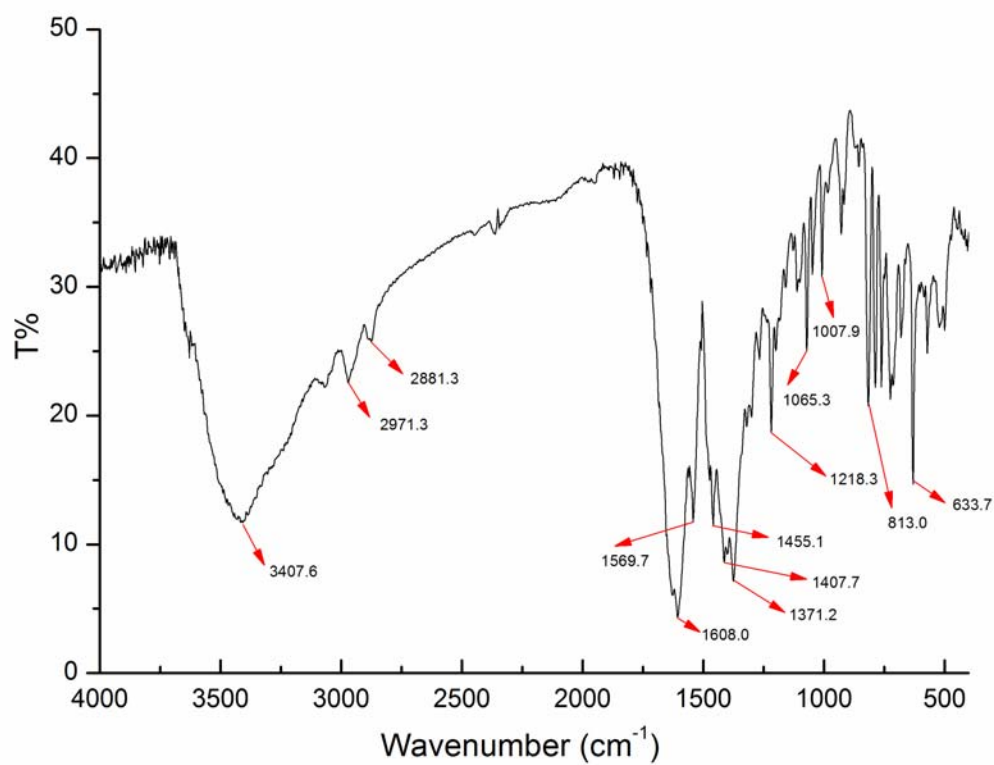


Figure S1. The IR spectra of **1-D**

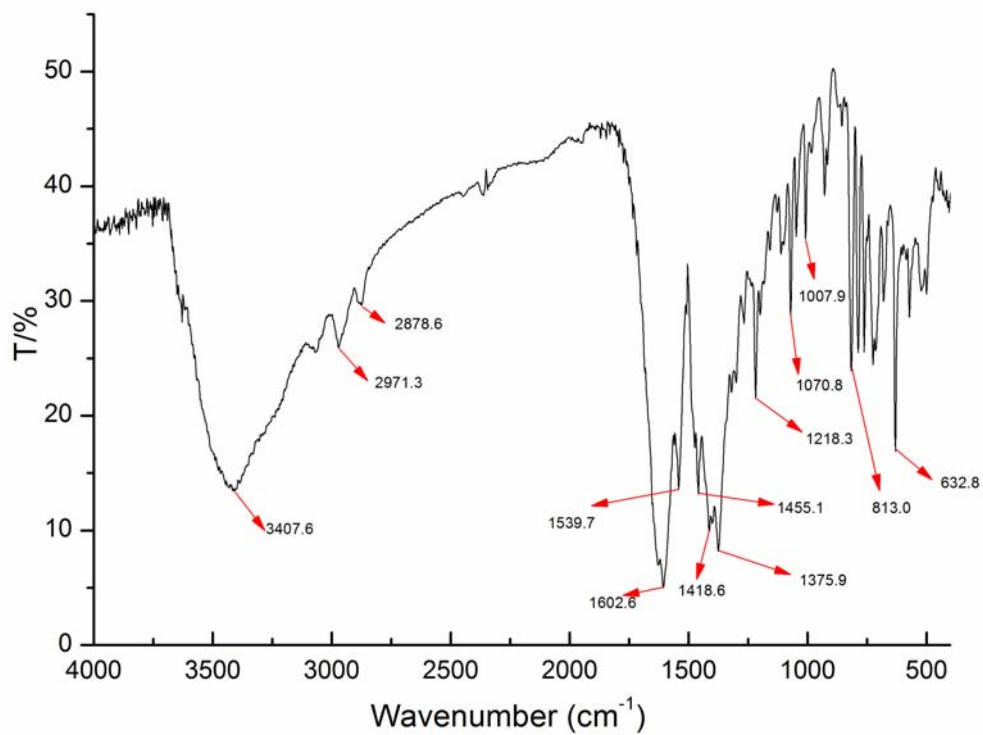


Figure S2 The IR spectra of **1-L**

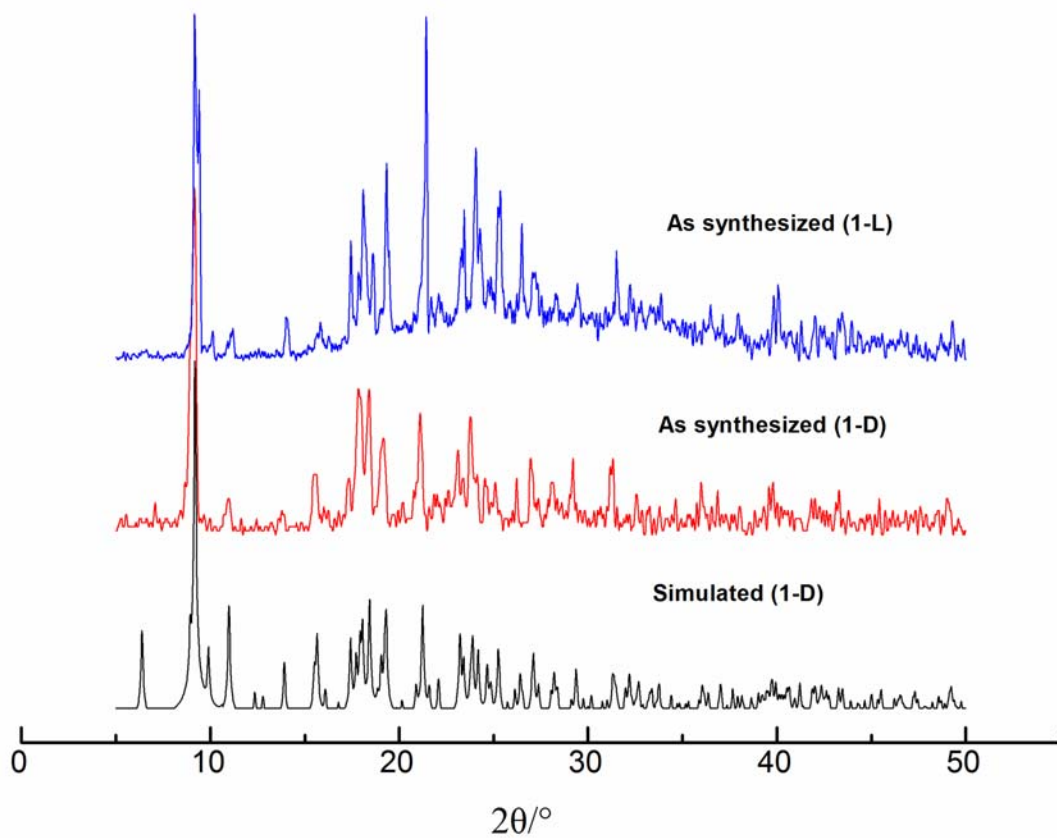


Figure S3. XRPD patterns of **1-D** and **1-L**

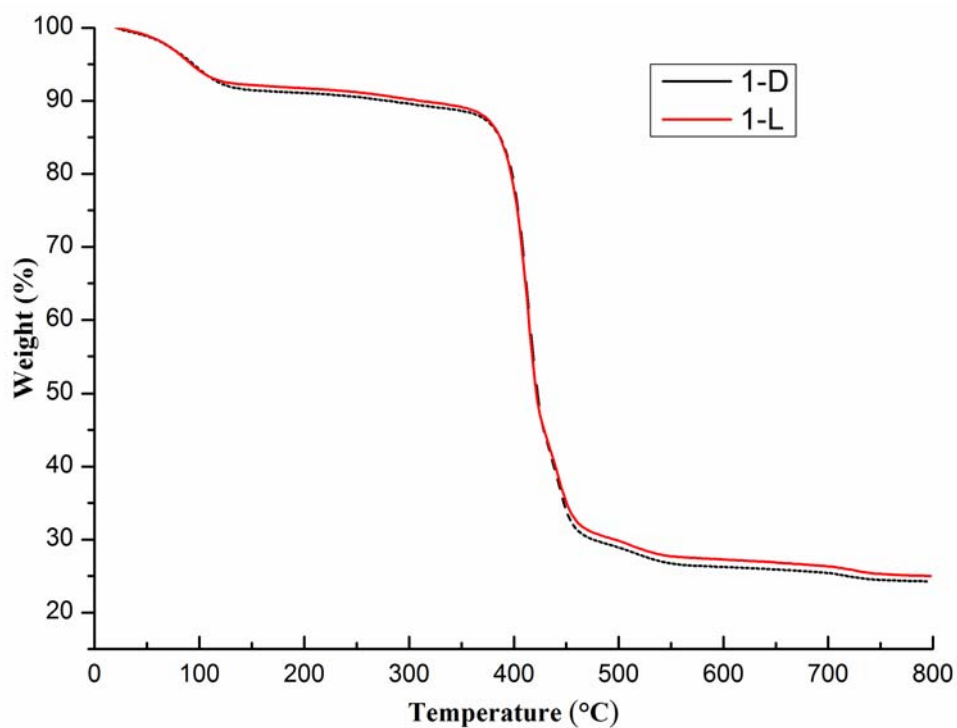


Figure S4. The TGA diagram of **1-D** and **1-L**

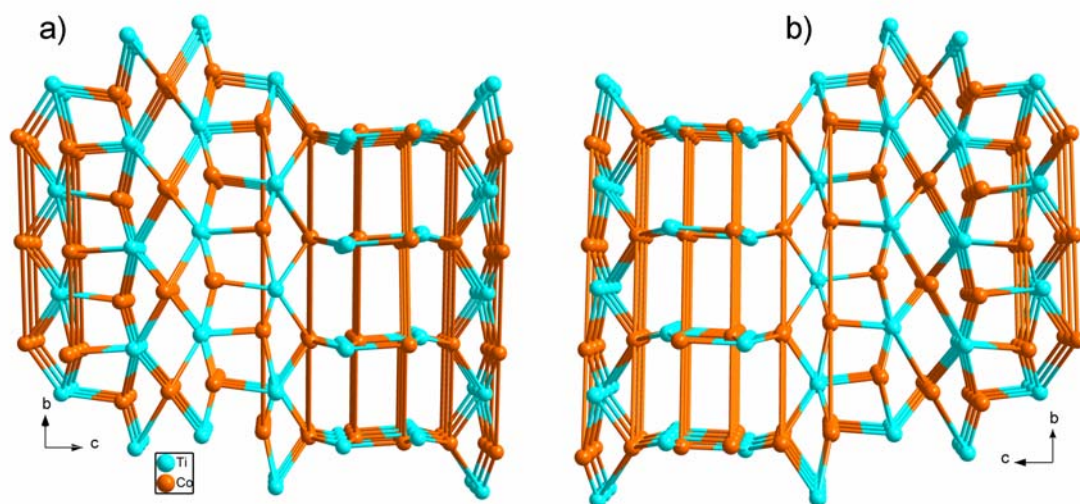


Figure S5. The topological net of **1-D** (a) and **1-L** (b)