

Electronic Supplementary Information

Coordination polymers and metallomacrocycles based on bis(pyridylcarbamate) ligands with flexible glycol spacers

Yana Xia,^a Shaoguang Li,^a Biao Wu,^{*a,b} Yanyan Liu,^{a,b} and Xiao-Juan Yang^a

S1. Crystal structure of compound **3**.

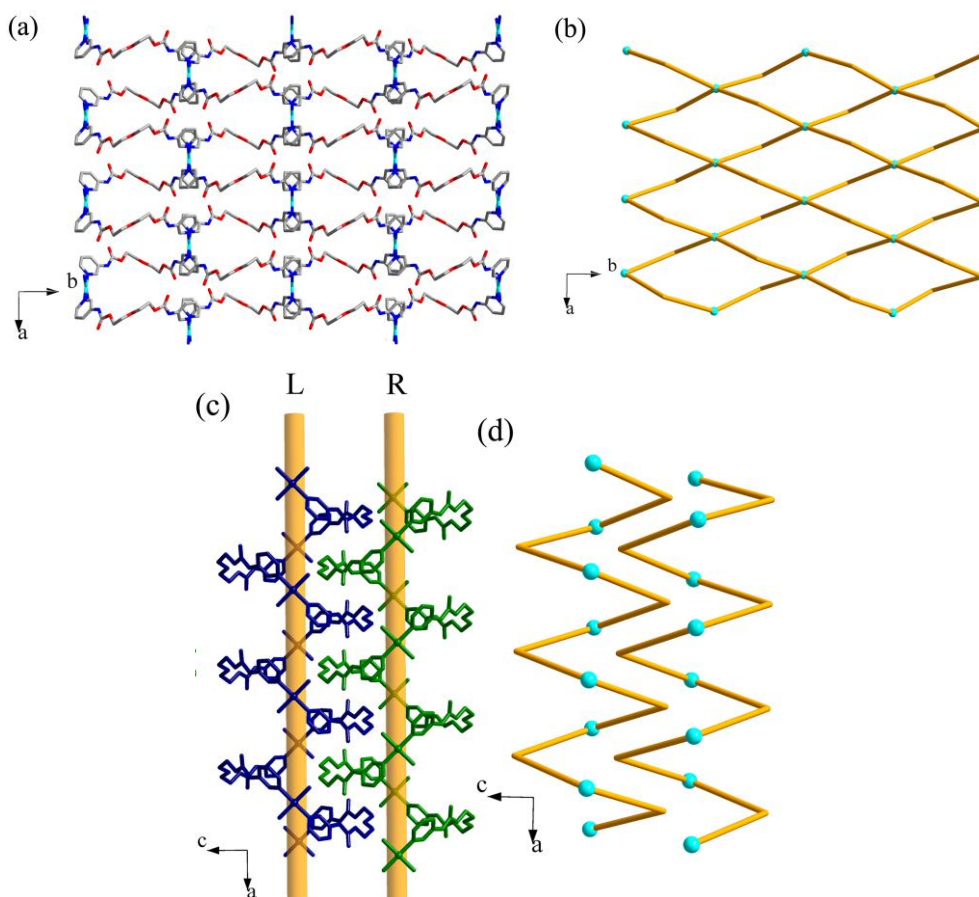


Figure S1. (a) The 2D homochiral layer in the *ab* plane of **3**; (b) Simplified topology of 2D homochiral layer showing the (4,4) net; (c) The interdigitation of two helical channels from two adjacent 2D homochiral layers; (d) Simple topology of the interdigitation.

S2. TGA analyses of compounds 1–6.

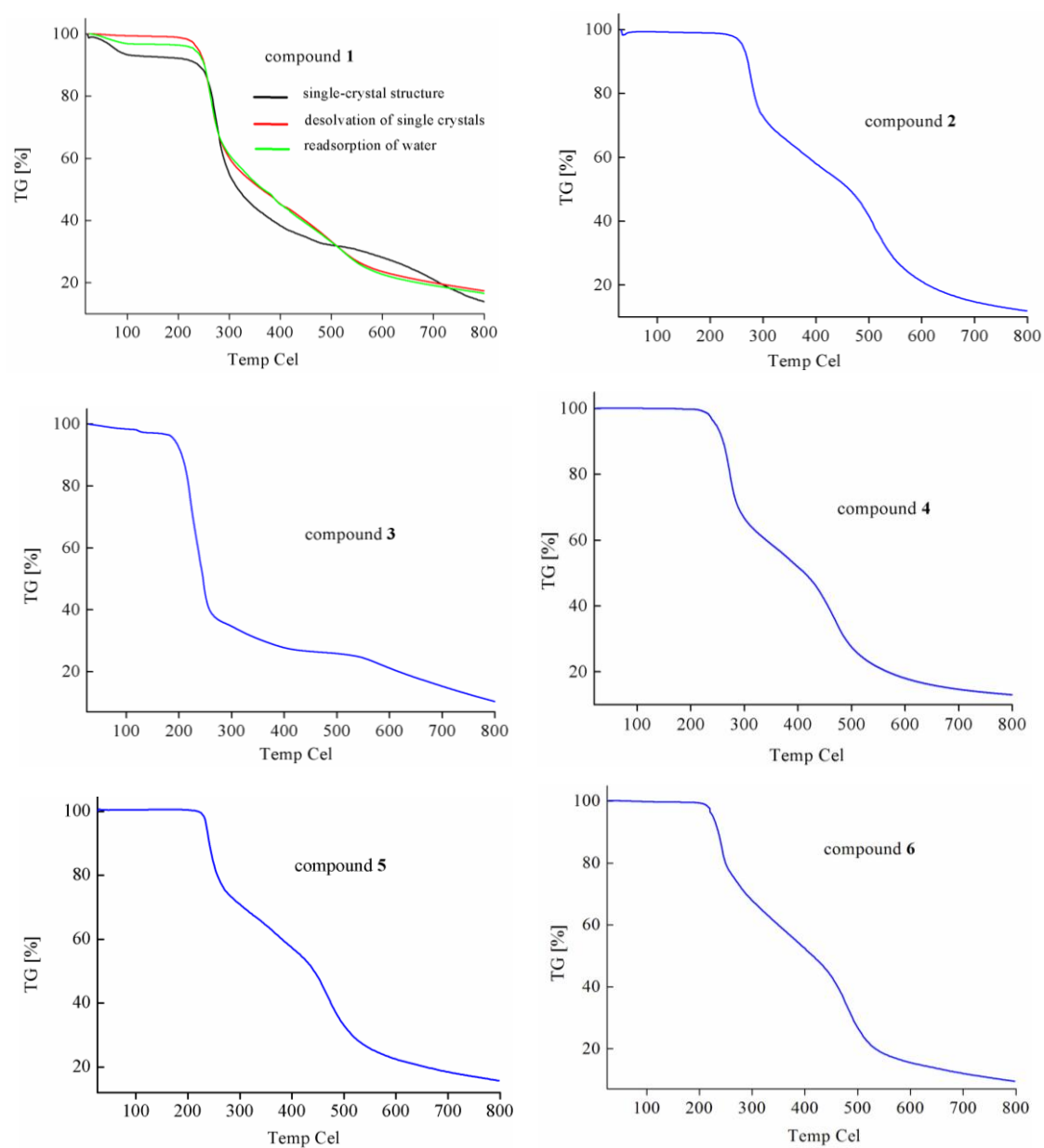


Figure S2. TGA curves of the compounds 1-6.

S3. PXRD studies of compounds 2–6.

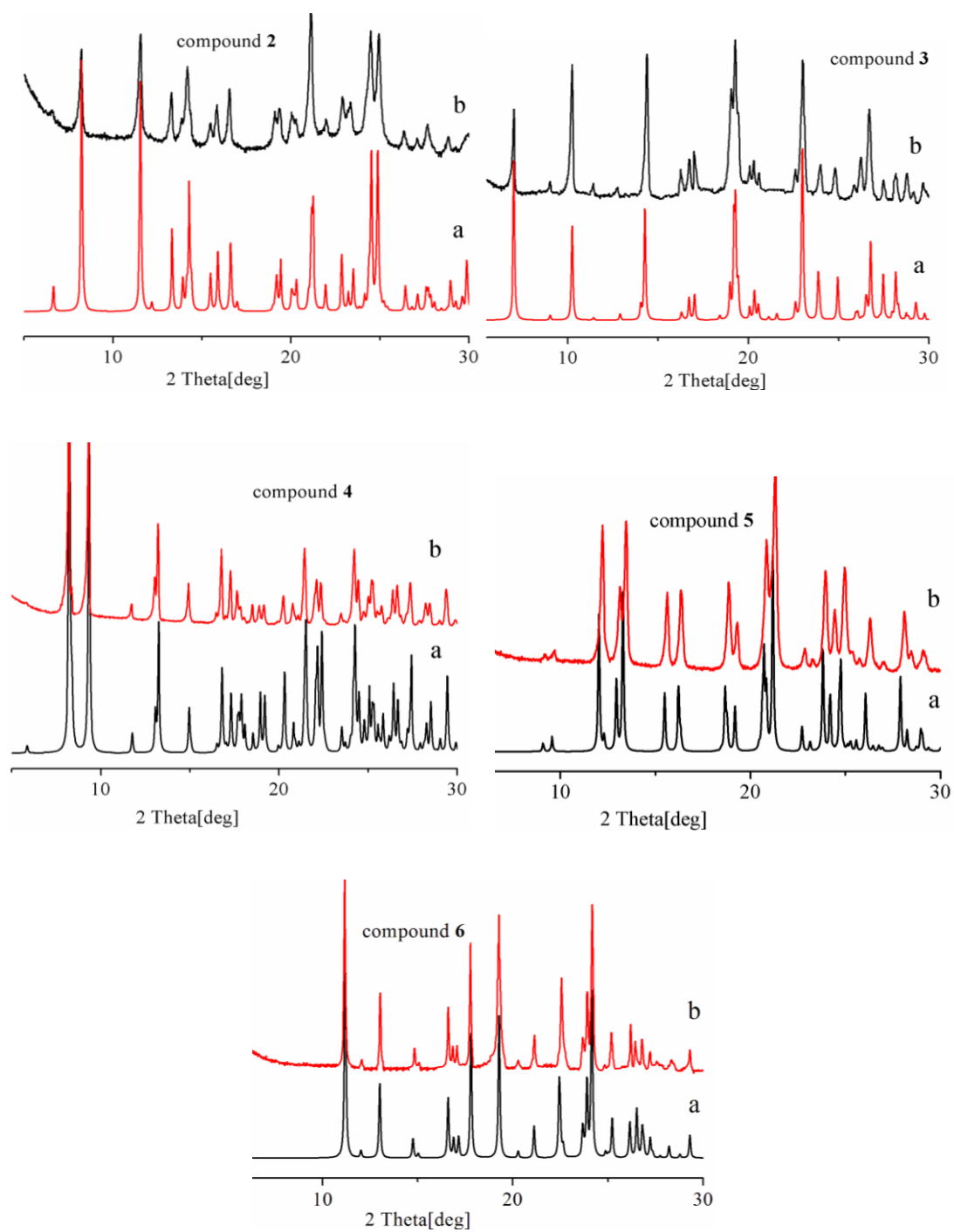


Figure S3. Powder X-ray diffraction patterns: (a) simulated from the single-crystal diffraction data; (b) as-synthesized.