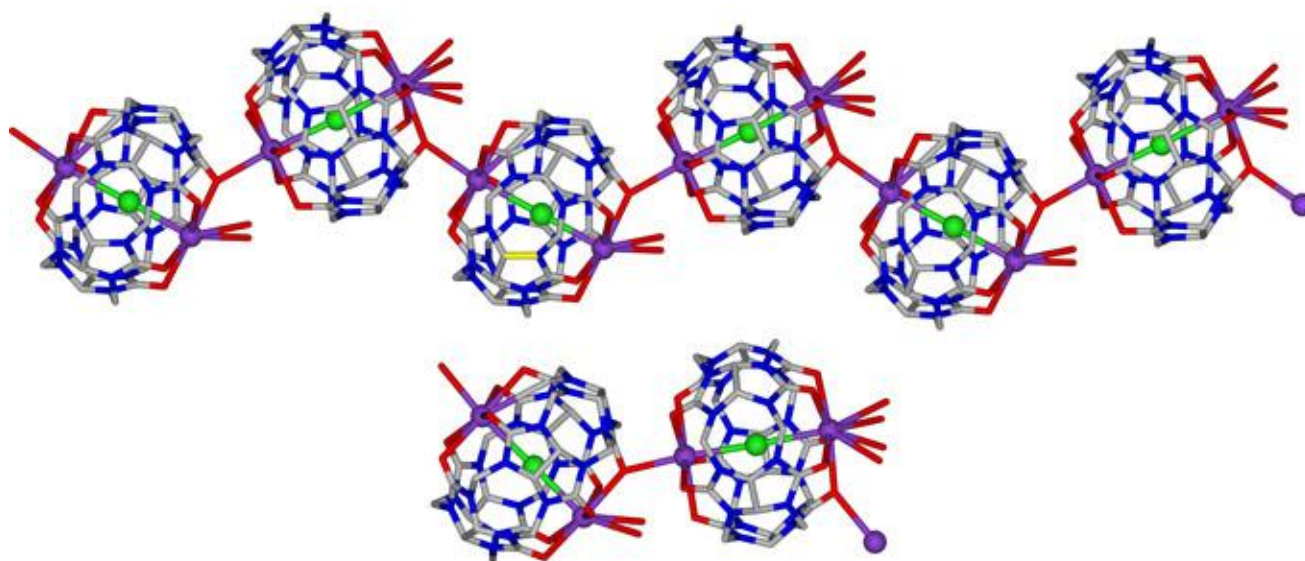


Supporting Information

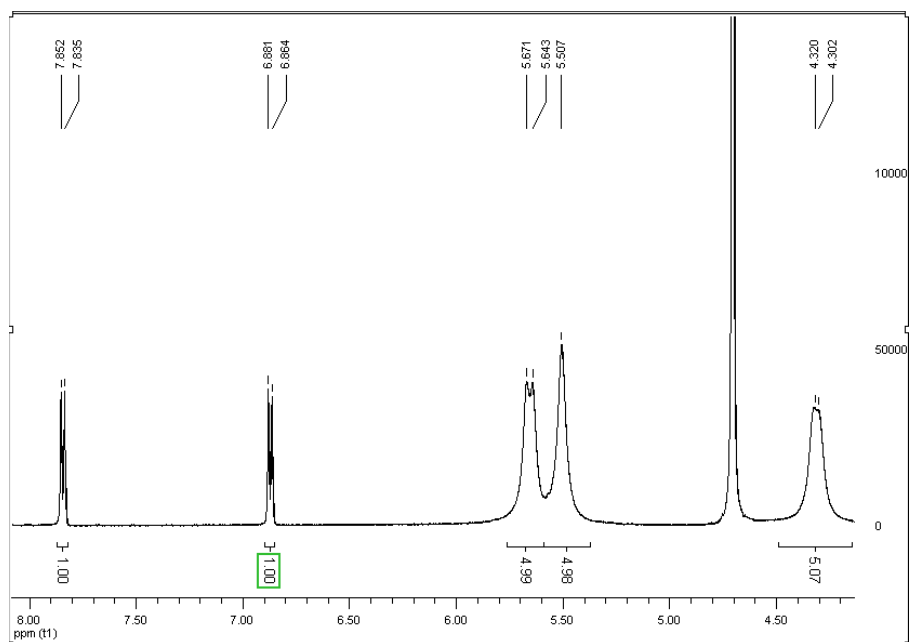
p-Hydroxybenzoic acid-assisted homochiral 1D-helical coordination polymers from calcium cation and cucurbit[5]uril

Kai Chen, Li-Li Liang, Hao-Jing Liu, Zhu Tao,* Sai-Feng Xue, Yun-Qian Zhang, Qian-Jiang Zhu

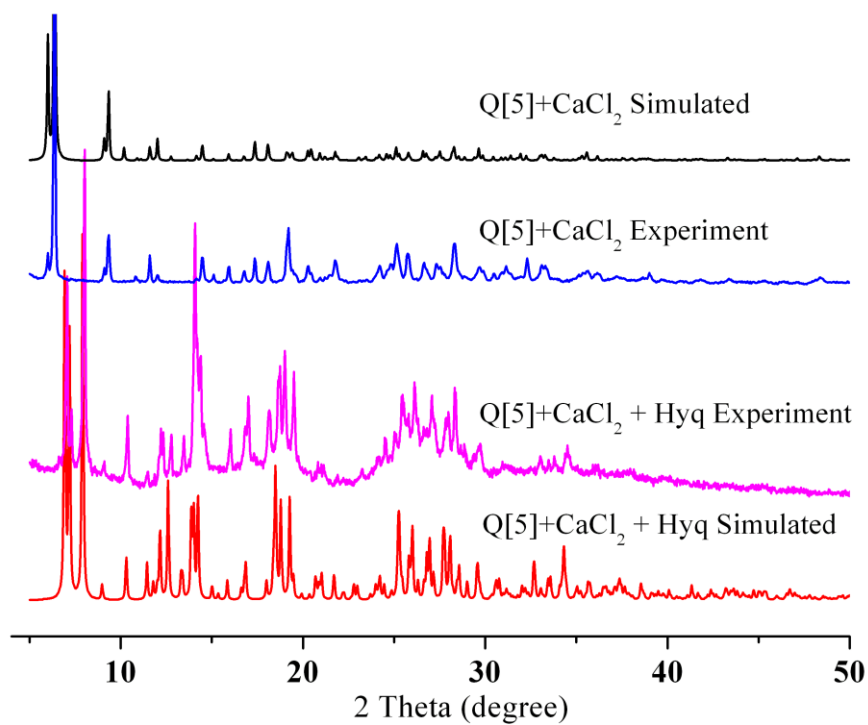
Key Laboratory of Macrocyclic and Supramolecular Chemistry of Guizhou Province, Guizhou University, Guiyang 550025, People's Republic of China



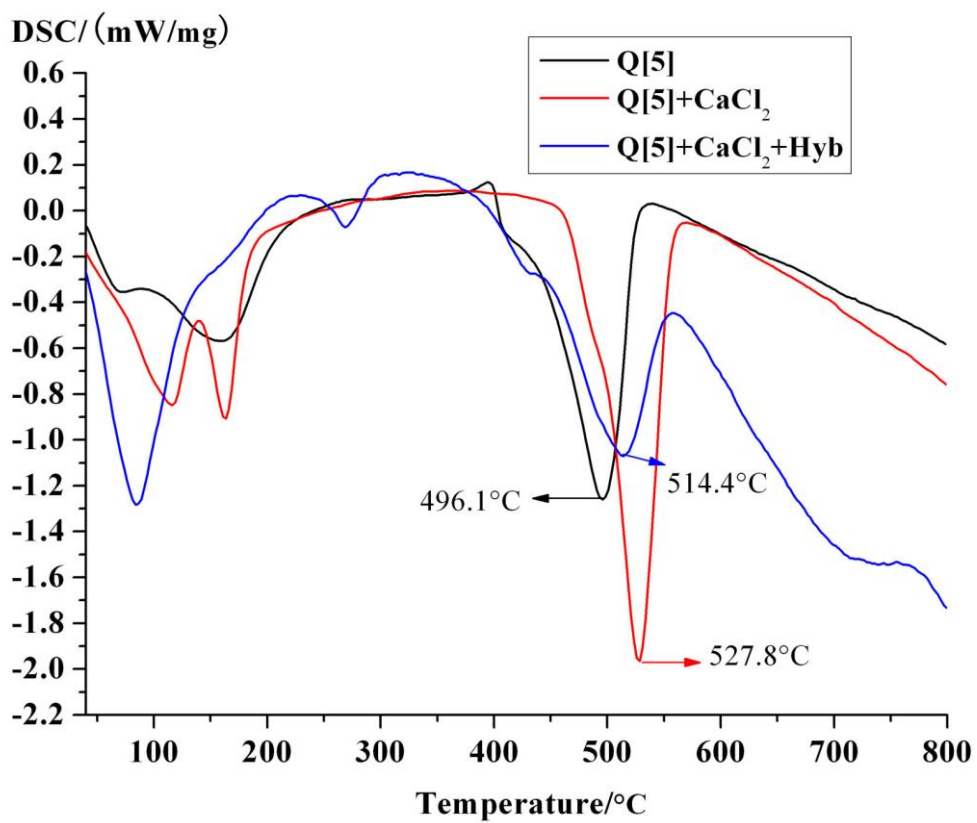
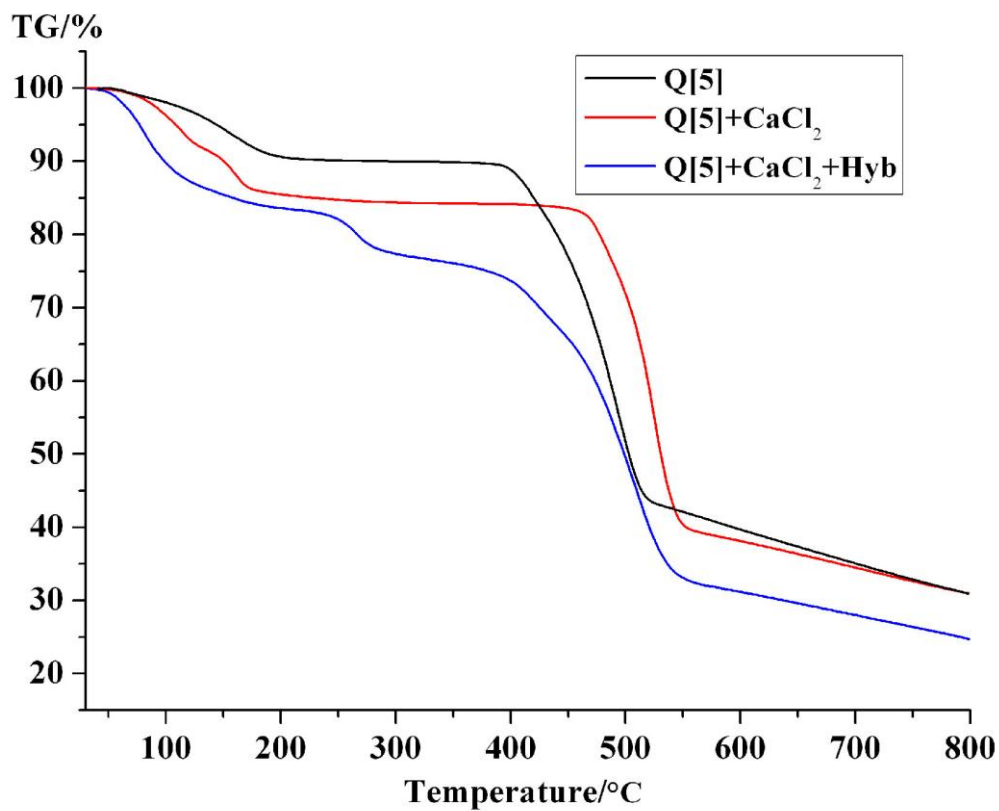
SI-Figure 1 (a) a linear supramolecular chain constructed of Q[5]-K⁺ molecular capsules linked by a extra K-O_{carbonyl} bonds; (b) view of the Q[5]-K⁺ molecular capsules.



SI-Figure 2 ¹H NMR of the compound **3** in D₂O at 20°C



SI-Figure 3 PXRD of the compound **1** and **3**: as simulated from single crystal XRD data, and as synthesized.



SI-Figure 4 DSC and TG curves of the compound 1 and 3 in N₂