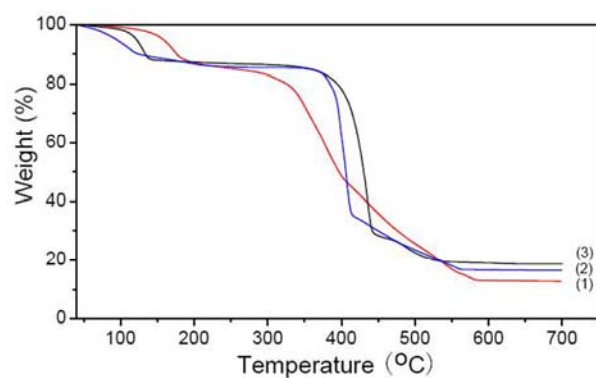


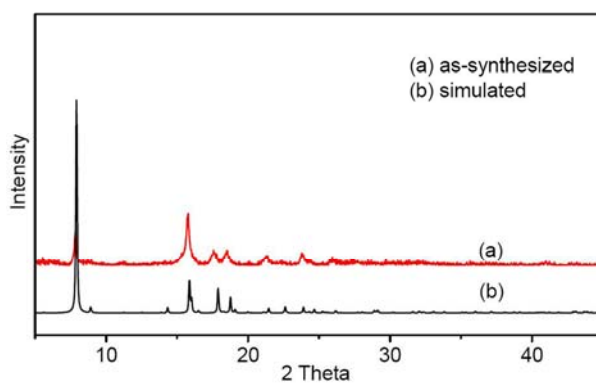
## Supporting Information

# Three Unprecedented Open Frameworks Based on a Pyridyl-carboxylate: Synthesis, Structures and Properties

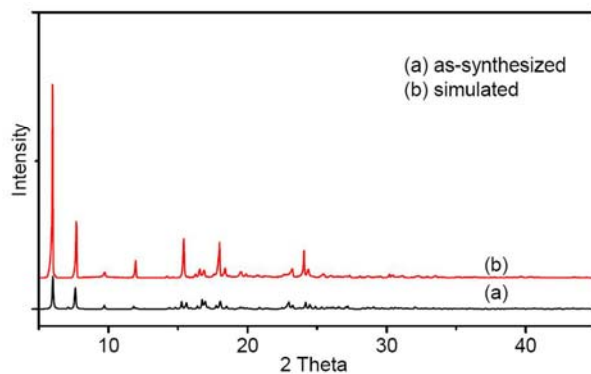
Shengqun Su, Wan Chen, Xuezhi Song, Min Zhu, Chao Qin, Shuyan Song, Zhiyong Guo, Song Wang, Zhaoming Hao, Hongjie Zhang\*



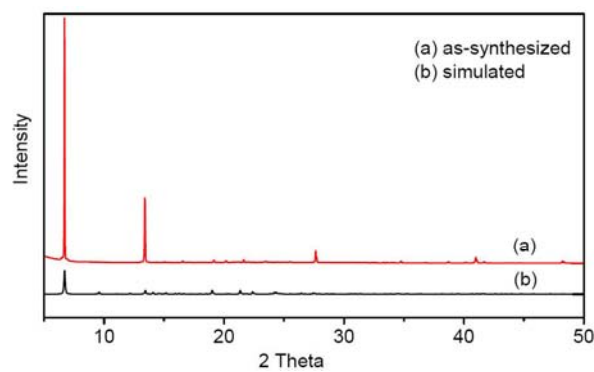
**Fig. S1.** TGA curve for 1-3. The sample was heated to 700 °C at the heating rate of 10 °C/min



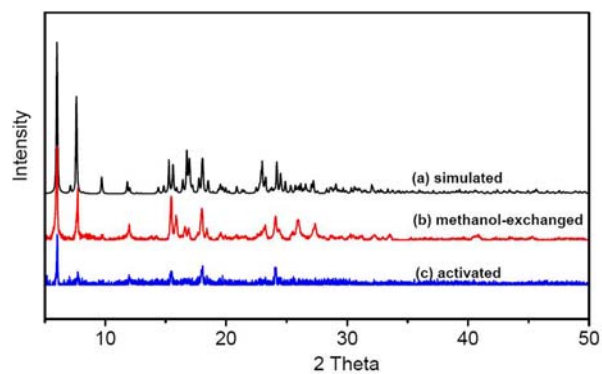
**Fig. S2.** The X-ray powder diffraction patterns for compound 1.



**Fig. S3.** The X-ray powder diffraction patterns for compound 2.



**Fig. S4.** The X-ray powder diffraction patterns for compound 3.



**Fig. S5.** XPRD patterns of the compound 2, (b) methanol exchanged, (c) activated.