Supplementary Material (ESI) for CrystEngComm

Supporting Information for

Four threefold interpenetrating architectures from self-assembly of fluorene-2, 7-dicarboxylic acid derivatives and d^{10} metals

Shengqun Su[ab], Cao Qin[a], Zhiyong Guo[ab], Huadong Guo[ab], Shuyan Song[a], Ruiping Deng[a], Feng Cao[ab], Song Wang[ab], Guanghua Li[c], Hongjie Zhang*[a]

[a] *State Key Laboratory of Rare Earth Resource Utilizations, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, P. R. China.*
Tel.: +86 431 85262127; fax: +86 431 85698041. E-mail address: hongjie@ciac.jl.cn (H.-J. Zhang).

[b] *Graduate School of the Chinese Academy of Sciences, Beijing, 100039, P. R. China.*

[c] *State Key Laboratory of Inorganic Synthesis and Preparative Chemistry, College of Chemistry, Jilin University, Changchun 130012, P. R. China.*

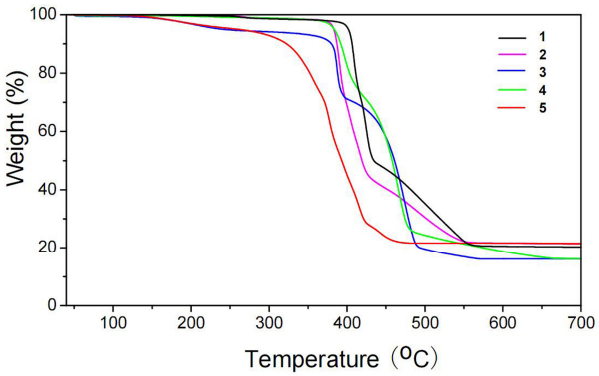

Fig.S1 TGA curve for **1-5.** The sample was heated to 700 ℃ at the heating rate of 10 ℃/min.

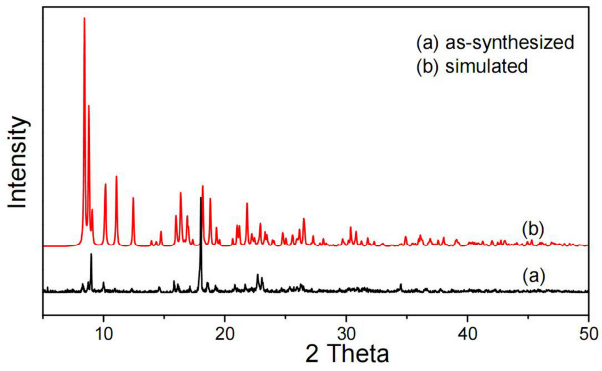

Fig.S2 The X-ray powder diffraction patterns for complex **1**.

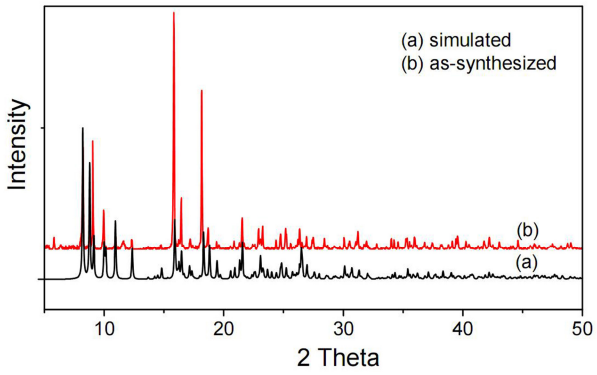

Fig.S3 The X-ray powder diffraction patterns for complex **2**.

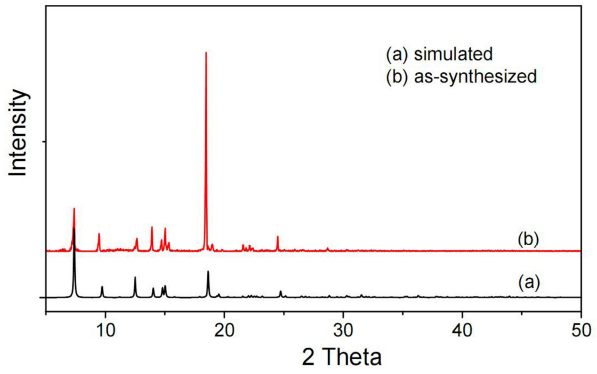

Fig.S4 The X-ray powder diffraction patterns for complex **3**.

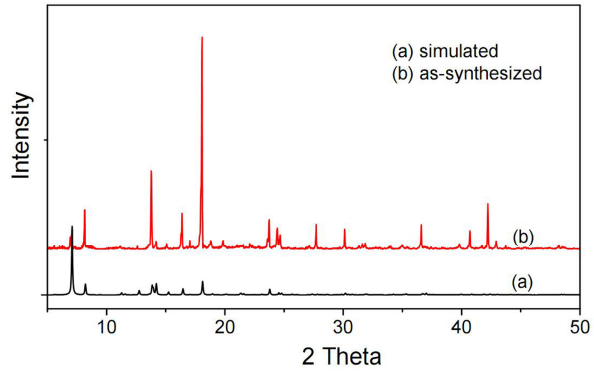

Fig.S5 The X-ray powder diffraction patterns for complex **4**.

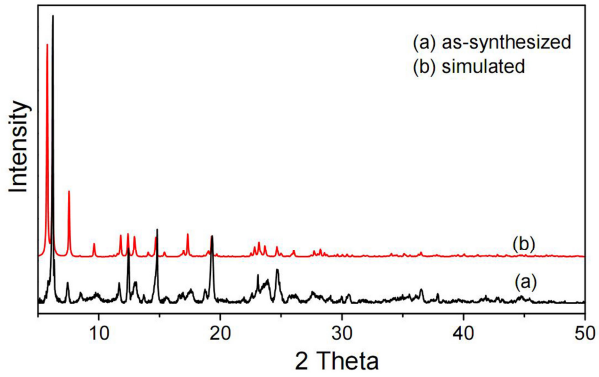

Fig.S6 The X-ray powder diffraction patterns for complex **5**.