

Supporting Information

Incorporating $[\text{GaB}_4\text{O}_{11}(\text{OH})]^{8-}$ clusters to construct luminescent galloborate with open-framework layers

Ting-Ting Deng,^a Yan-E Gao,^a Li-Xia Zhang,^a Xiang-Yu Gu,^a Han-Rui Tian,^a Yi Liu,^b Yun-Long Feng,^a and Jian-Wen Cheng*^a

^a Key Laboratory of the Ministry of Education for Advanced Catalysis Materials, Institute of Physical Chemistry, Zhejiang Normal University, Jinhua, Zhejiang, 321004, P. R. China; E-mail: jwcheng@zjnu.cn

^b Department of Materials and Engineering, Zhejiang University, Hangzhou, Zhejiang, 310027, P. R. China

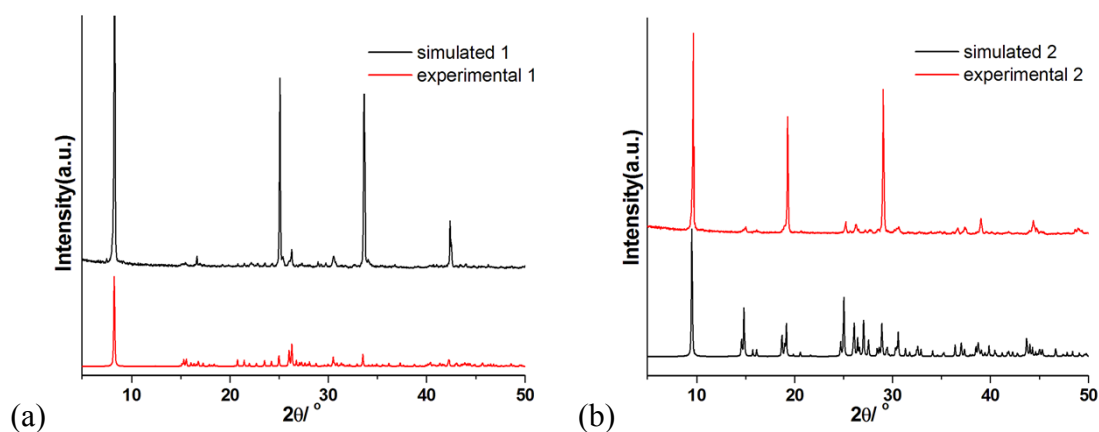


Figure S1. Simulated and experimental PXRD patterns of **1**(a) and **2**(b).

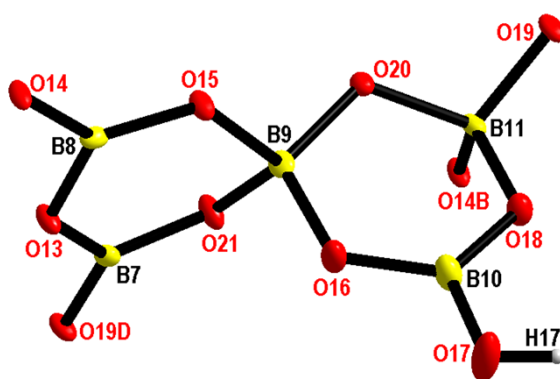


Figure S2. The other $\text{B}_5\text{O}_{10}(\text{OH})$ cluster in **1**, Symmetry codes for the generated atoms are the same as those in Table 2.

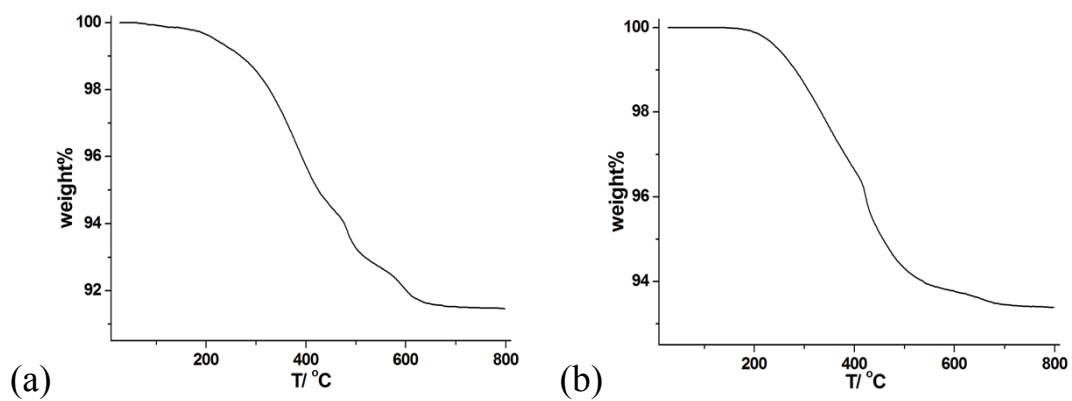


Figure S3. TGA curves of **1** and **2**.

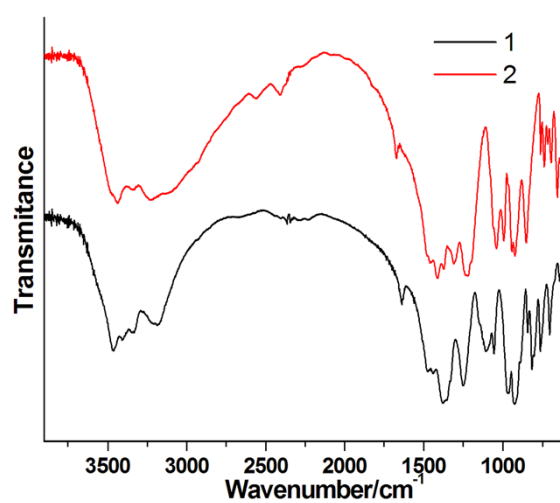


Figure S4. The IR spectra of **1** and **2**.

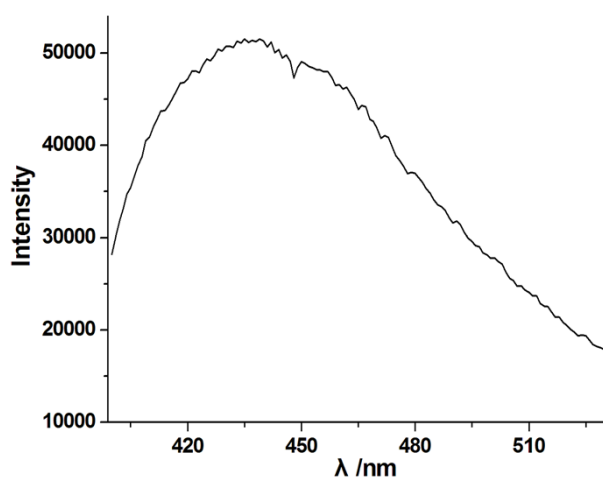


Figure S5. Emission spectra of **2** (ex = 370 nm) in solid state at room temperature.