#### **Supplementary Information**

# pH-Dependent formation of (6,3) and (10,3)

### hydrogen-bonded networks based on

## [Ru(H<sub>2</sub>biim)<sub>3</sub>]SO<sub>4</sub>: polymorphs and topological

#### isomers

Li-Fei Yang, Man-Li Cao, Hao-Jun Mo, Hong-Guo Hao, Jin-Ji Wu, Jie-Peng Zhang, and Bao-Hui Ye\*

MOE Laboratory of Bioinorganic and Synthetic Chemistry, School of Chemistry and Chemical Engineering, Sun Yat-Sen University, Guangzhou 510275, China.

E-mail: cesybh@mail. sysu.edu.cn (B.-H. Ye)

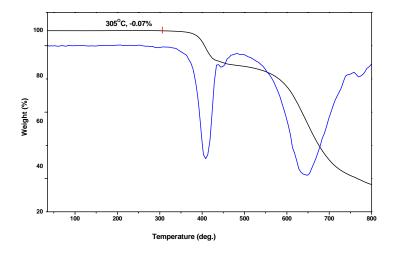


Figure S1. TGA of complex 1.

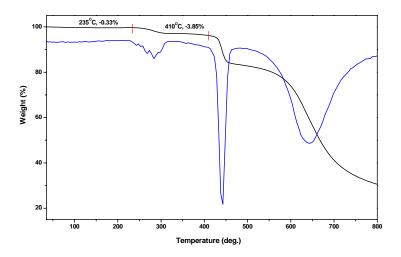


Figure S2. TGA of complex 2.