



STRUCTURAL
CHEMISTRY

Volume 74 (2018)

Supporting information for article:

Two novel lanthanide(III) organic frameworks based on a biphenyl-tetracarboxylate ligand: synthesis, structure and magnetic and luminescence properties

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Two new two-dimensional lanthanide (III) coordination polymers based on 3,3',5,5'-biphenyltetracarboxylate: synthesis, structures, thermostability, magnetism and luminescence properties

Hong-Guo Hao^{a*}, Yu-Chen Wang^a, Su-Xian Yuan^a, Da-Cheng Li^a, Jun-Shan Sun^{b*}

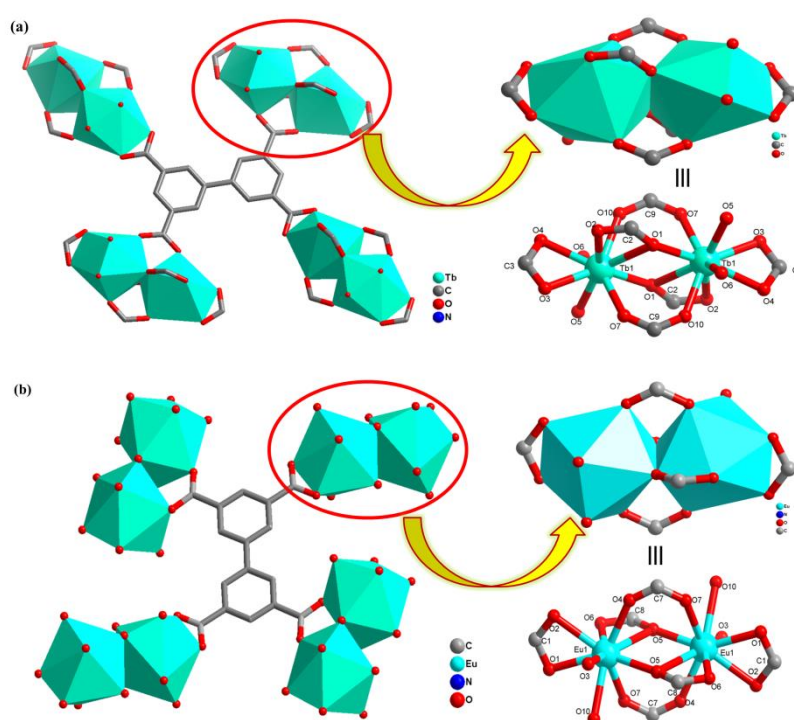


Figure S1 Perspective view of the coordination environment of the H₄bpt ligand in compound 1 (a) and 2 (b). H atoms are not shown for clarity.

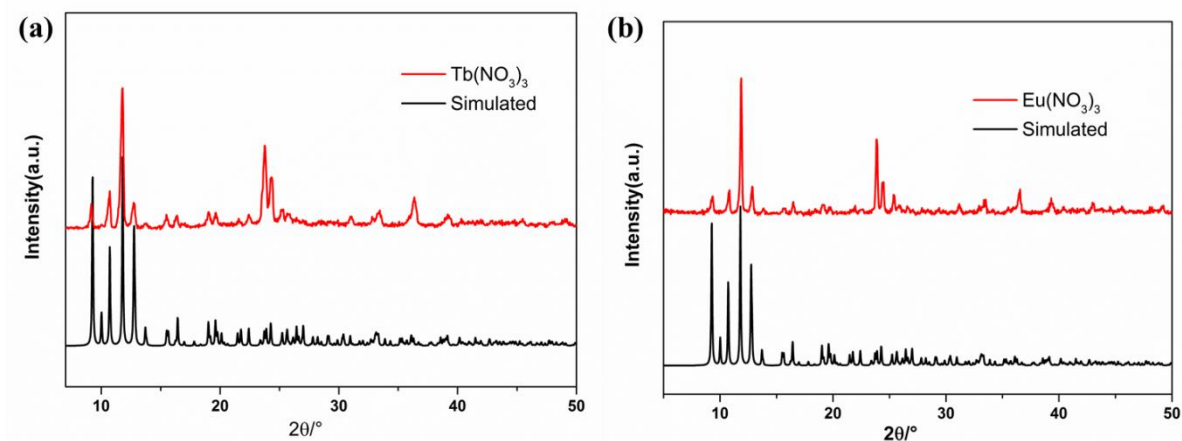


Figure S2 PXRD patterns of compounds 1(a) and 2(b) at room temperature.

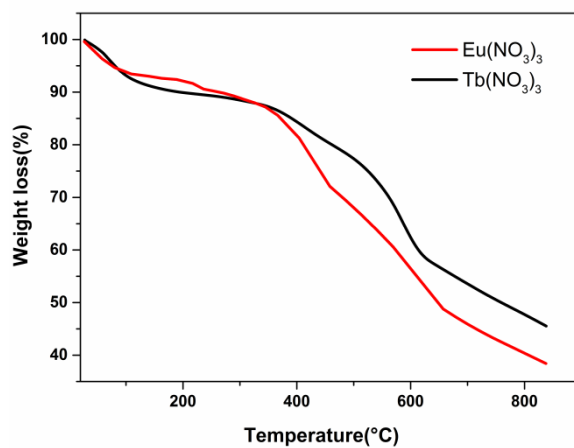


Figure S3 TGA curves of compounds 1 and 2.

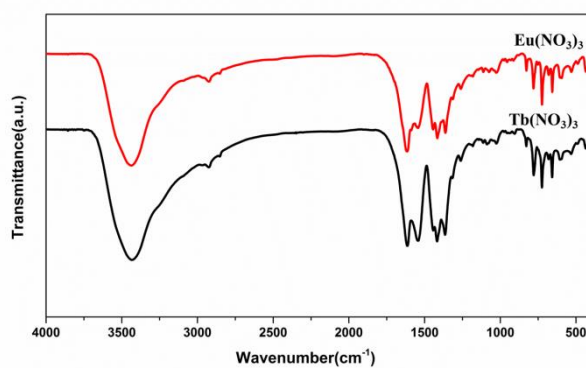


Figure S4 Infrared spectra of compounds 1 and 2 at room temperature.