Supporting Information

Rare Earth Metal Squarates Incorporating Ethylene Glycol Ligand with a Three-Dimensional Framework Structure: $RE(C_4O_4)_{1.5}(C_2H_6O_2)$ (RE = Y, La-Nd, Sm-Lu)

Yen-Shen Liu,^a Ming-Feng Tang,^a and Kwang-Hwa Lii^{a,b,*}

^aDepartment of Chemistry, National Central University, Jhongli, Taiwan 320

^bInstitute of Chemistry, Academia Sinica, Taipei, Taiwan 115

*E-mail: liikh@cc.ncu.edu.tw

Figure Caption

Figure S1. The powder X-ray diffraction patterns for $RE(C_4O_4)_{1.5}(C_2H_6O_2)$ (RE = Y (1), La (2), Ce (3), Pr (4), Nd (5)). The calculated pattern for 5 is shown for comparison.

Figure S2. Variable-temperature X-ray powder patterns for 3.

Figure S3. The unit cell volumes of RE(C₄O₄)_{1.5}(C₂H₆O₂) (RE = Y (1), La (2), Ce (3), Pr (4), Nd (5), Sm (6), Eu (7), Gd (8), Tb (9), Dy (10), Ho (11), Er (12), Tm (13), Yb (14), Lu (15))

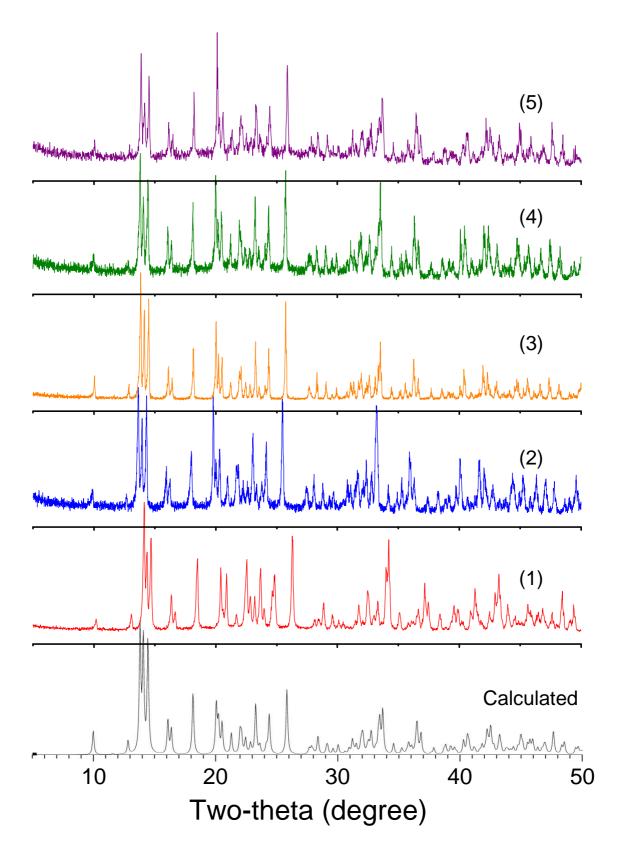


Figure S1

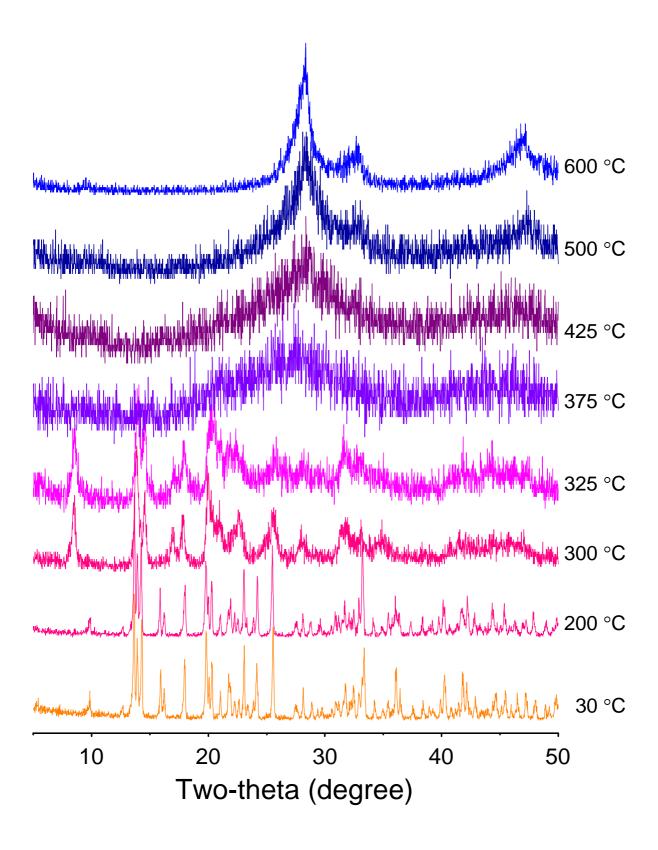


Figure S2

