

Supporting Information

Organically Templated Uranium(IV) Fluorooxalates with Layer Structures:

$(\text{H}_4\text{TREN})[\text{U}_2\text{F}_6(\text{C}_2\text{O}_4)_3]\cdot 4\text{H}_2\text{O}$ (TREN = tris(2-aminoethyl)amine) and

$(\text{H}_4\text{APPIP})[\text{U}_2\text{F}_6(\text{C}_2\text{O}_4)_3]\cdot 4\text{H}_2\text{O}$ (APPIP =

1,4-bis(3-amino-propyl)piperazine)

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Figure S1. Experimental (top) and simulated (bottom) X-ray powder patterns for

$(\text{H}_4\text{TREN})[\text{U}_2\text{F}_6(\text{C}_2\text{O}_4)_3]\cdot 4\text{H}_2\text{O}$

Figure S2. The infrared spectrum of $(\text{H}_4\text{TREN})[\text{U}_2\text{F}_6(\text{C}_2\text{O}_4)_3]\cdot 4\text{H}_2\text{O}$ (KBr method).

Figure S3. Thermogravimetric analysis of $(\text{H}_4\text{TREN})[\text{U}_2\text{F}_6(\text{C}_2\text{O}_4)_3]\cdot 4\text{H}_2\text{O}$ in flowing air at 5

$^{\circ}\text{C min}^{-1}$.

Figure S4. Experimental (top) and simulated (bottom) X-ray powder patterns for

$(\text{H}_4\text{APPIP})[\text{U}_2\text{F}_6(\text{C}_2\text{O}_4)_3]\cdot 4\text{H}_2\text{O}$.

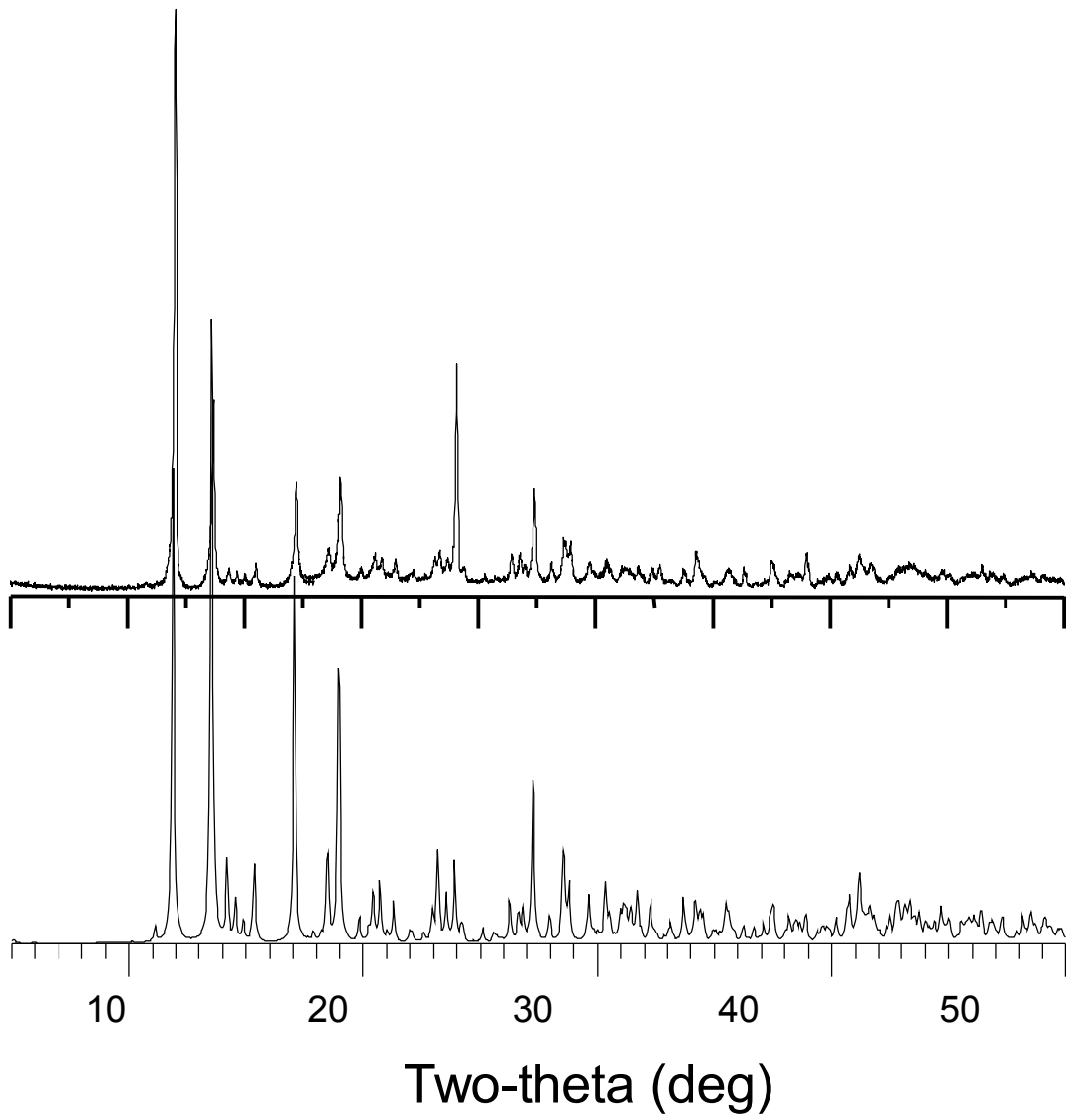


Figure S1

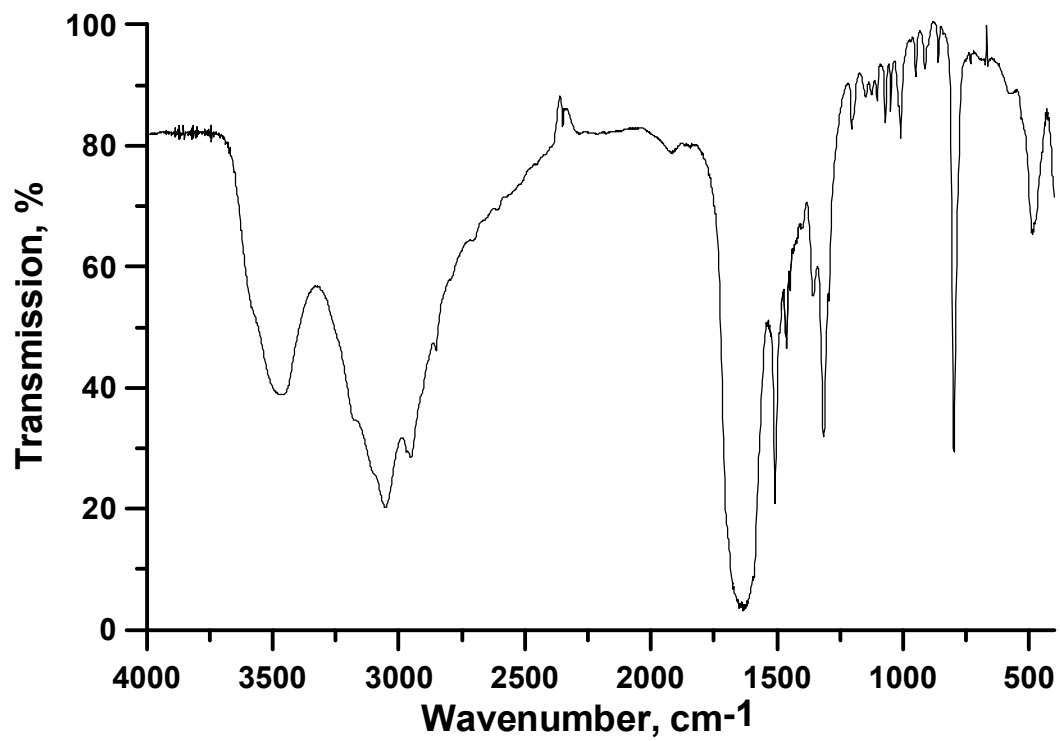


Figure S2

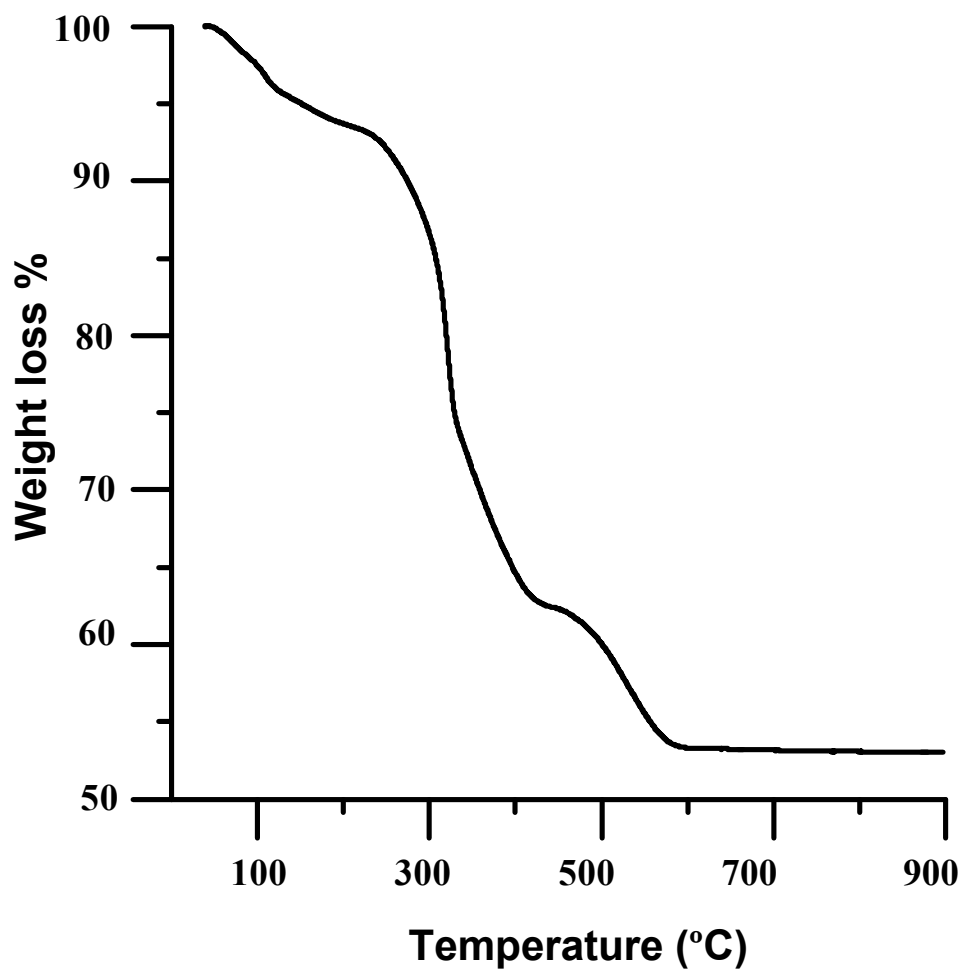


Figure S3

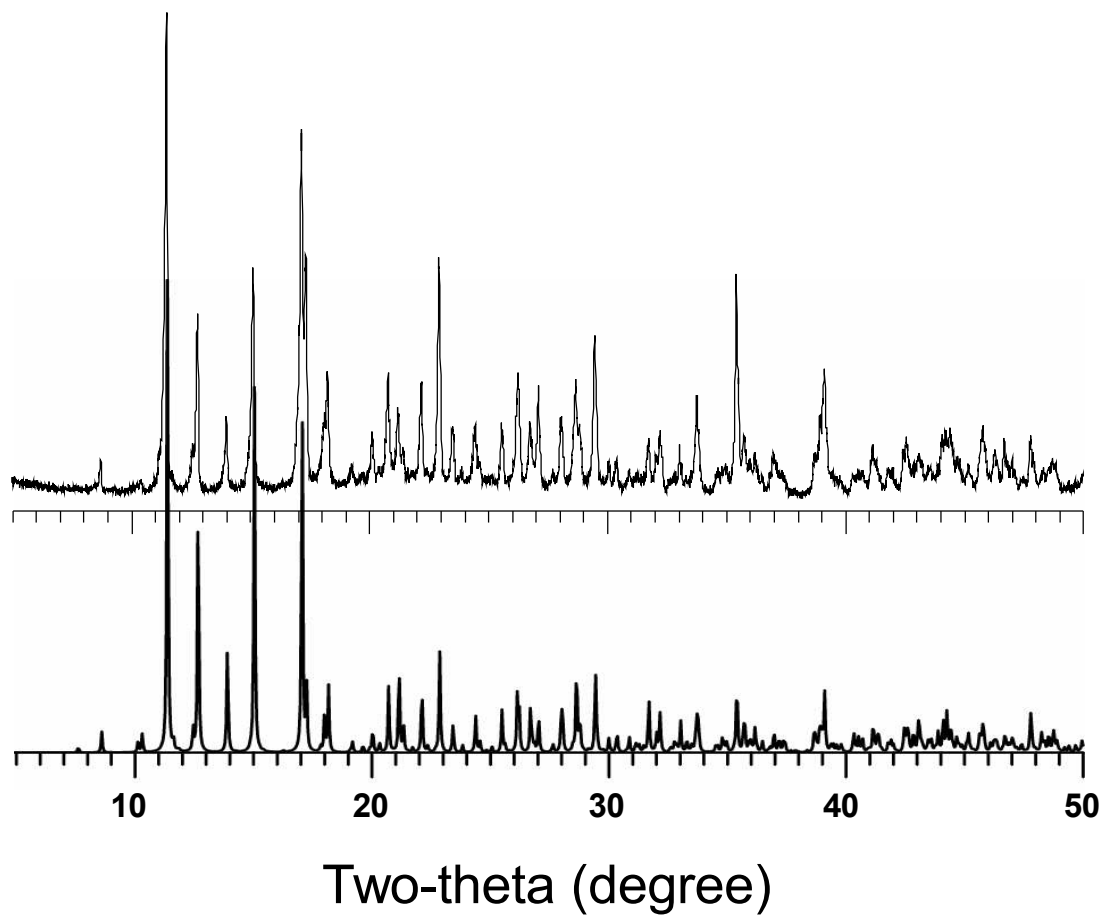


Figure S4