

Supplementary Materials

Structural scope of six new layered to pillar-layered hybrid inorganic-organic networks bearing [BW₁₂O₄₀]⁵⁻ and lanthanoid-cluster; data base study toward ligand role in assemblies

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Fig. S2. 3-D structure of compound **1**.

Fig. S3. Disorder environment of BO₄.

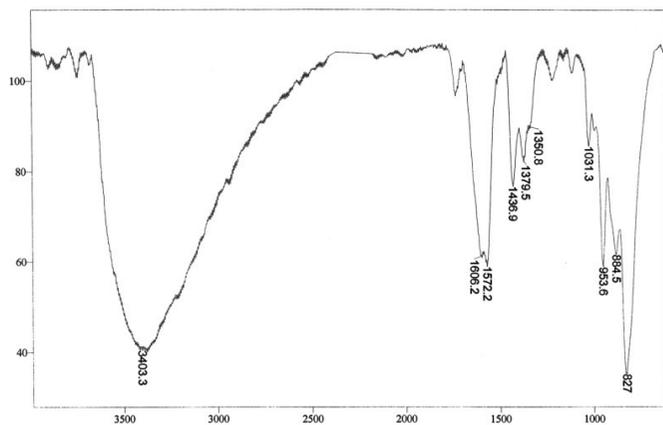
Fig. S4. Interaction zone around the Keggin polyanion in **4**.

Fig. S5. M-N and M-O bond lengths in TMs and inner TMs complexes.

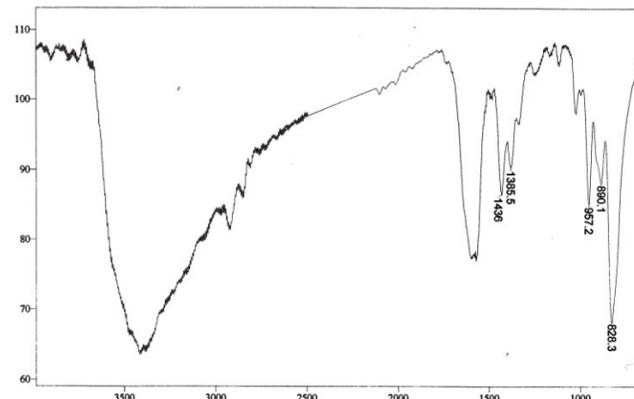
Fig. S6. TGA diagrams of compounds **2**, **3**, and **5**.

Table S1. Bond Valence Summation of the inorganic addenda metals.

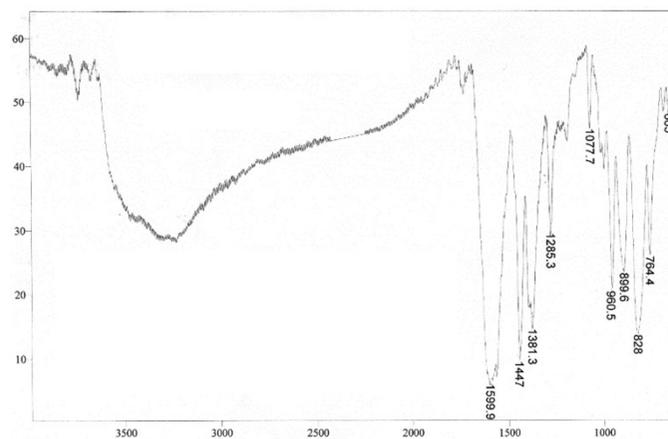
Figure S1.



Compound 1



Compound 3



Compound 4

Figure S2.

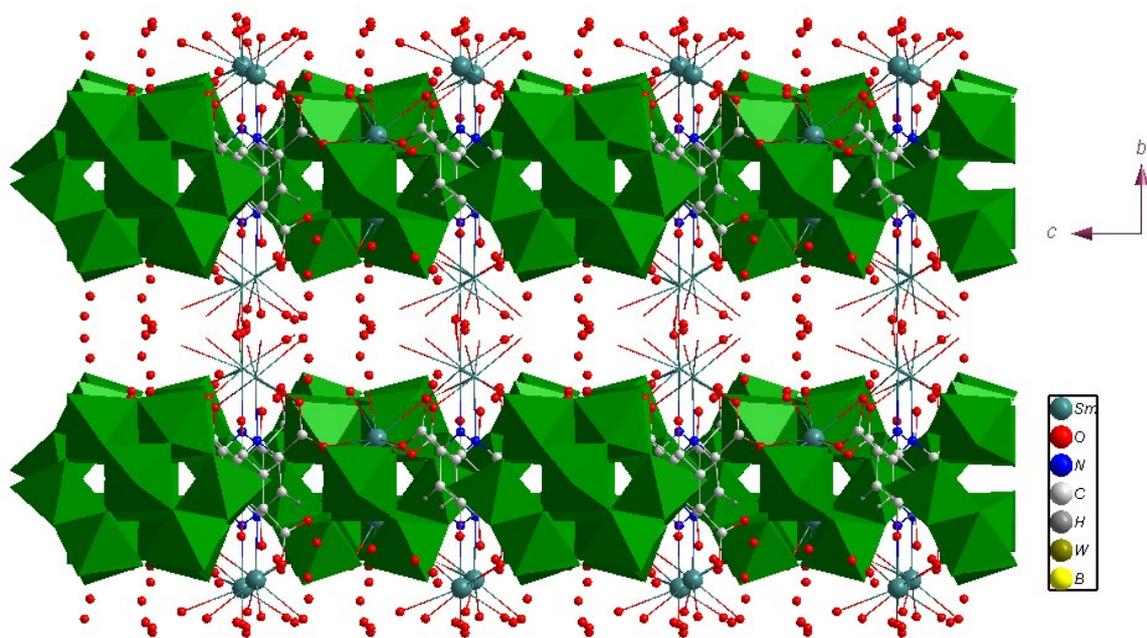


Figure S3.

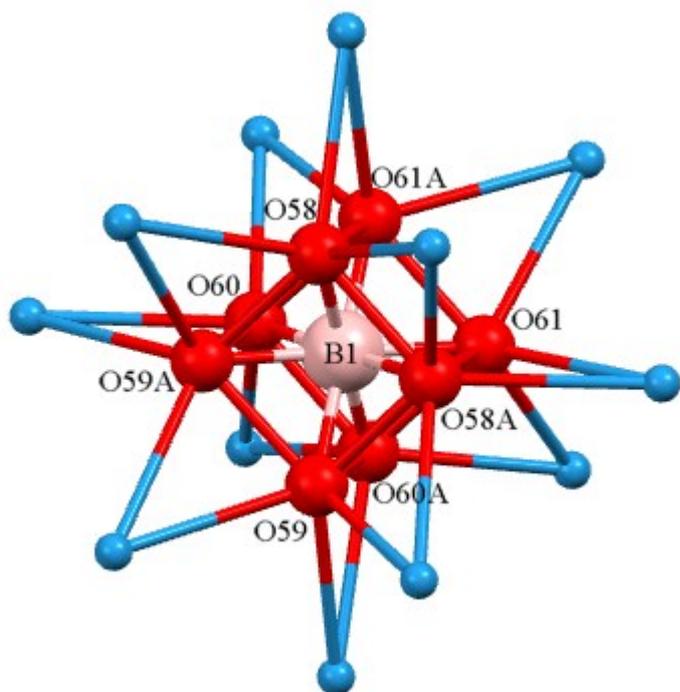


Figure S4.

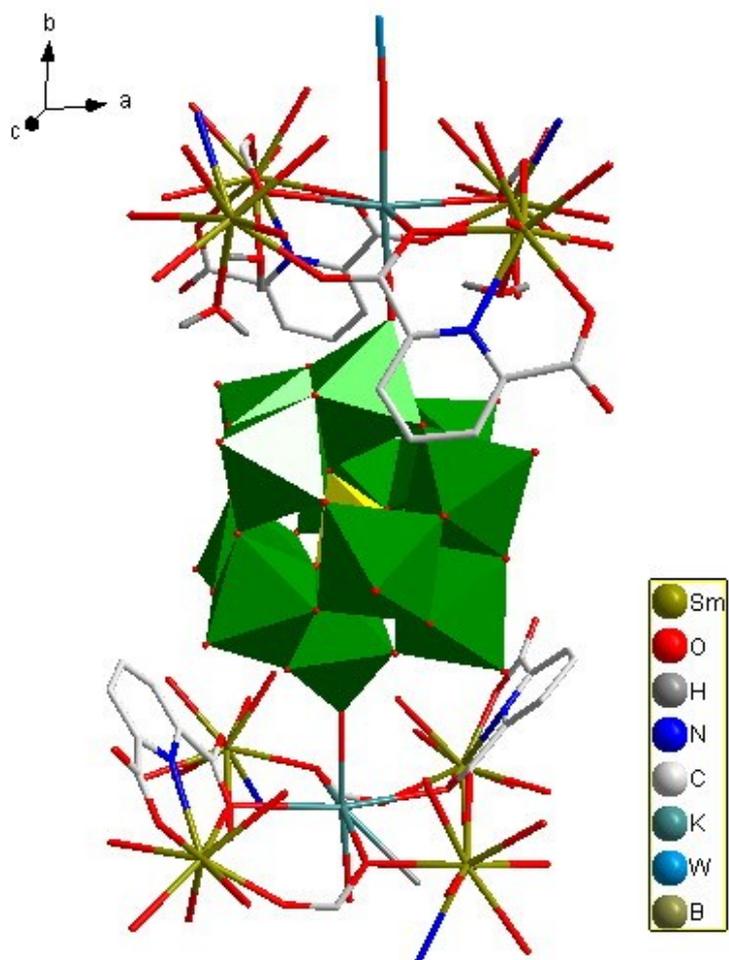


Figure S5.

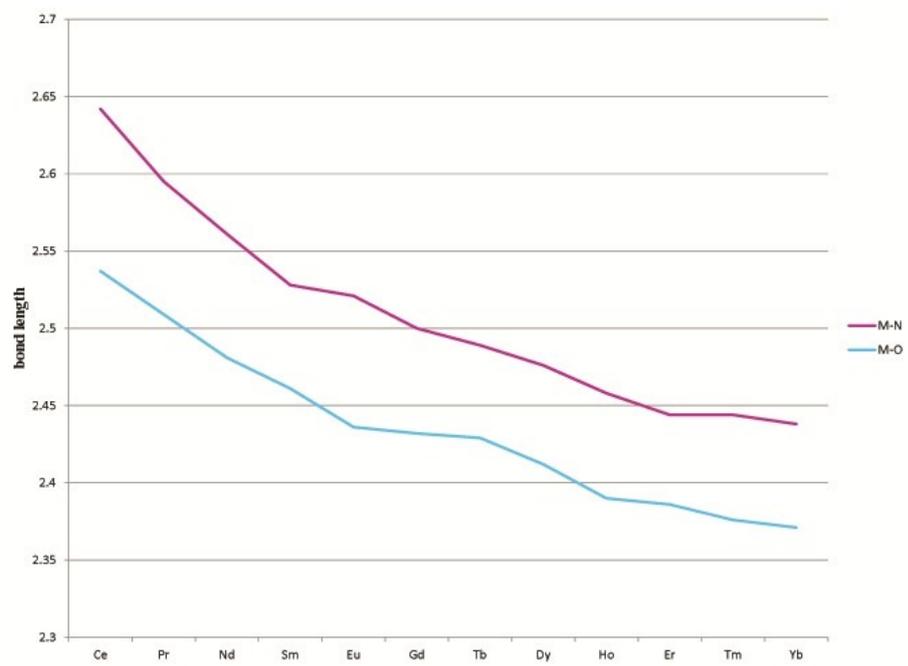


Figure S6.

