

Supporting information

Two Three-Dimensional Porous Frameworks Built from Metal-Organic Coordination Polymer Sheets Pillared by Polyoxometalate Clusters

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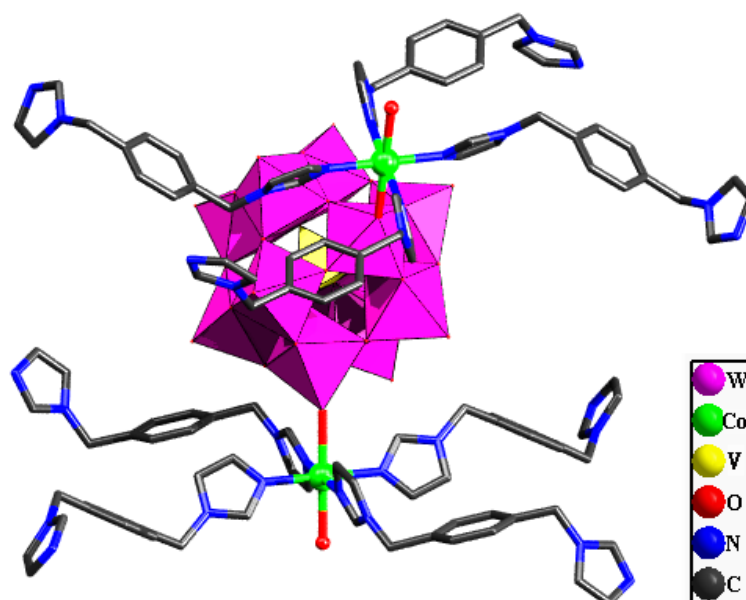


Fig. S1. Ball-and-stick view of the structural unit of **2**. The H atoms are omitted for clarity.

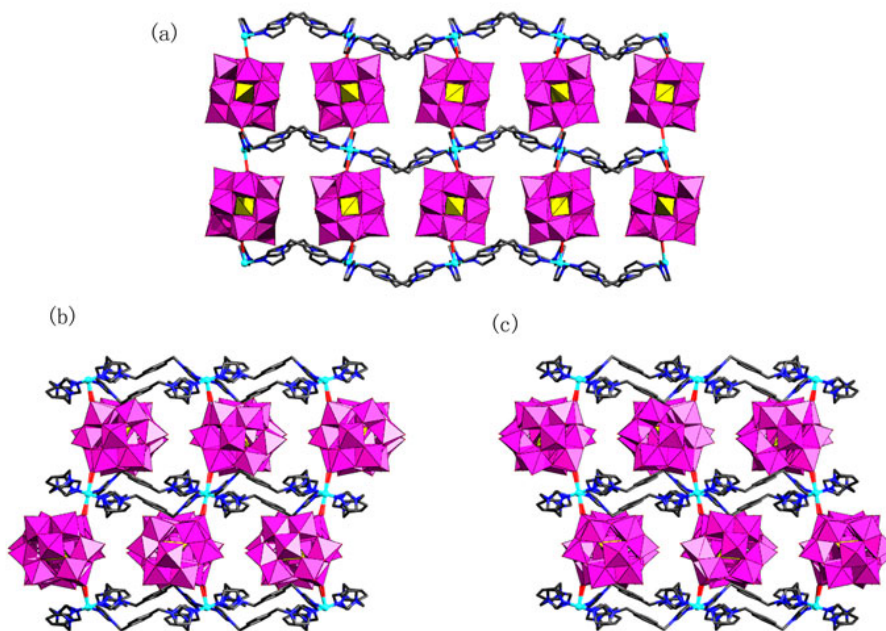


Fig. S2. Diagram to 3D framework of compound **1** view along $[010]$ (a), $[110]$ (b), $[-110]$ (c).

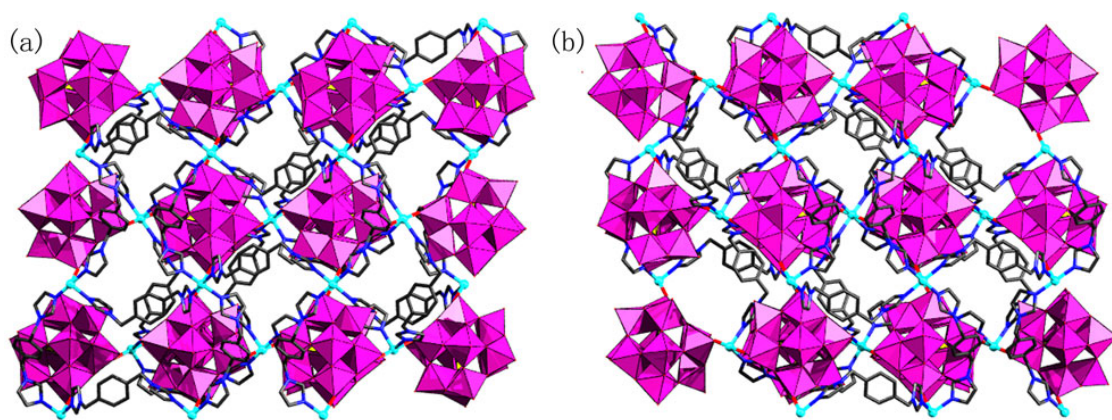


Fig. S3. Diagram to 3D framework of compound **1** view along [101] (a), [-101] (b).

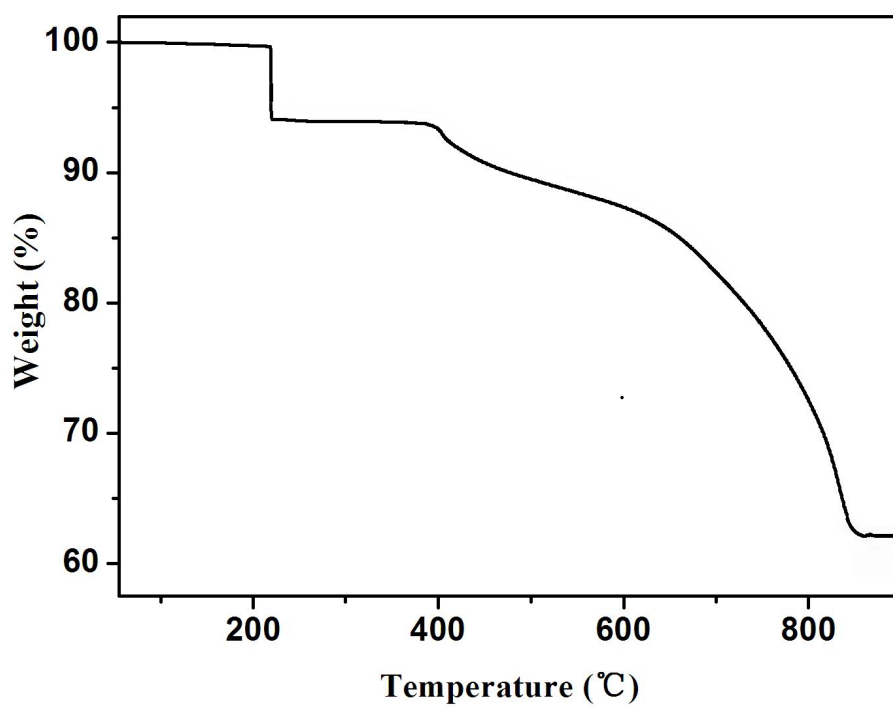


Fig. S4. TG curve for compound **1**.

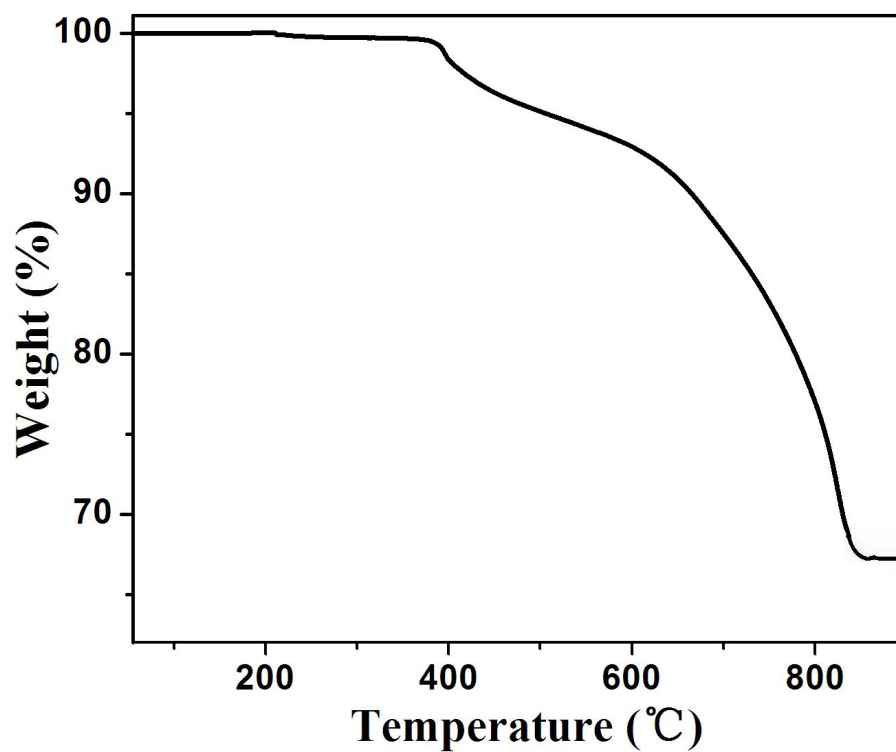


Fig. S5. TG curve for compound 1 after activated.

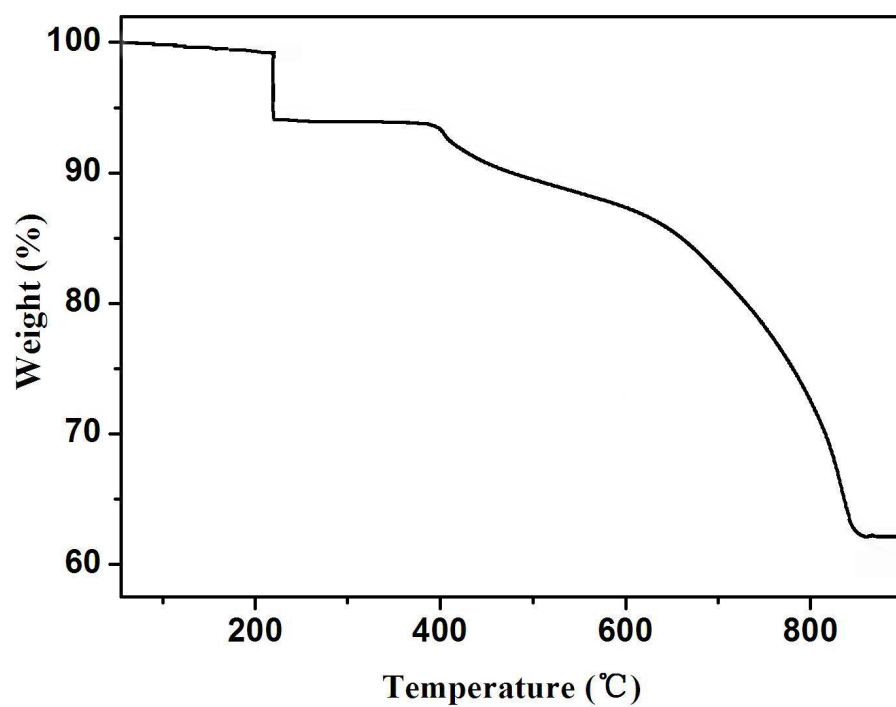


Fig. S6. TG curve for compound 2.

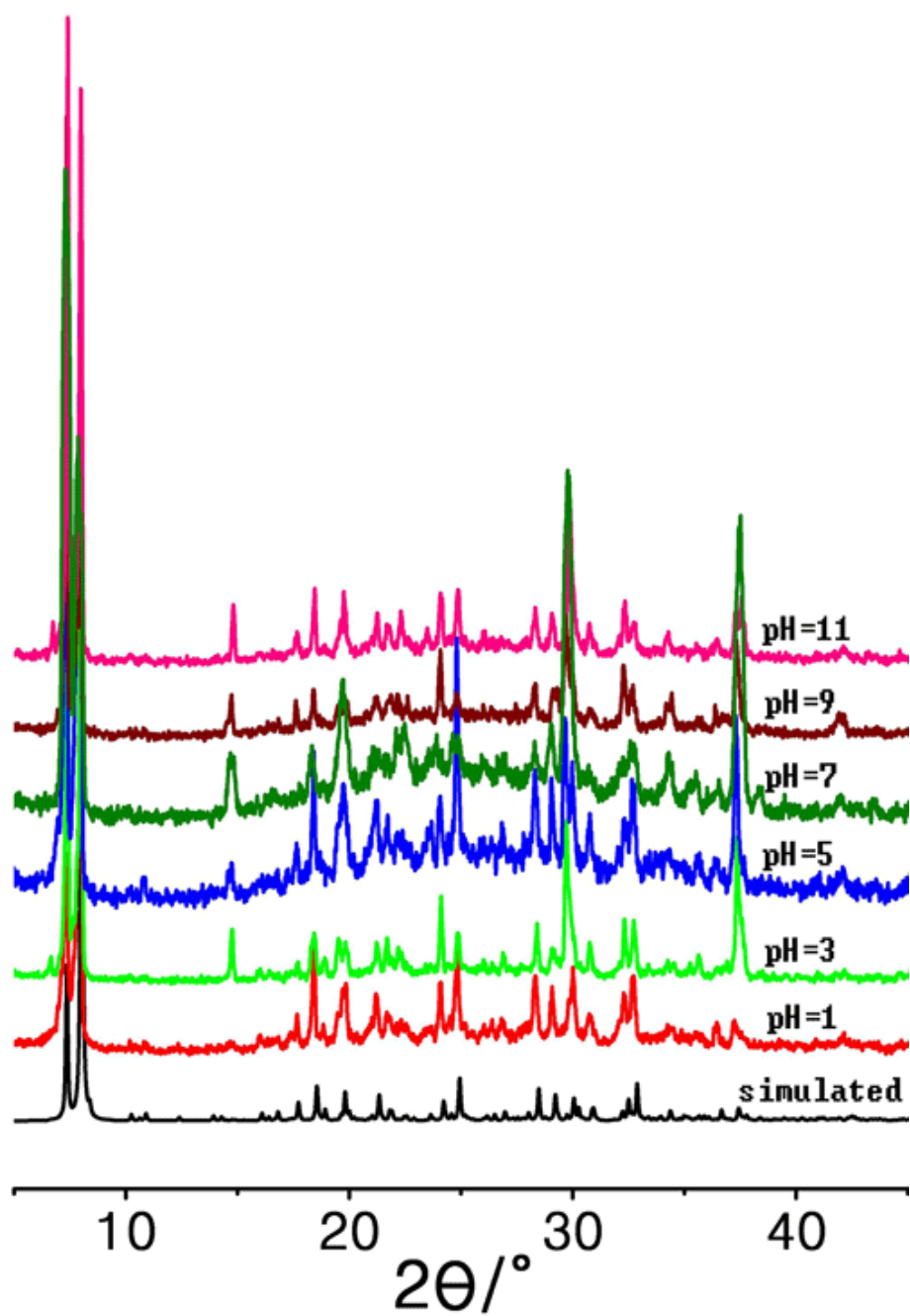


Fig. S7. The PXR D data of compound 1 in different pH solution was stirred for 24 h at 80°C

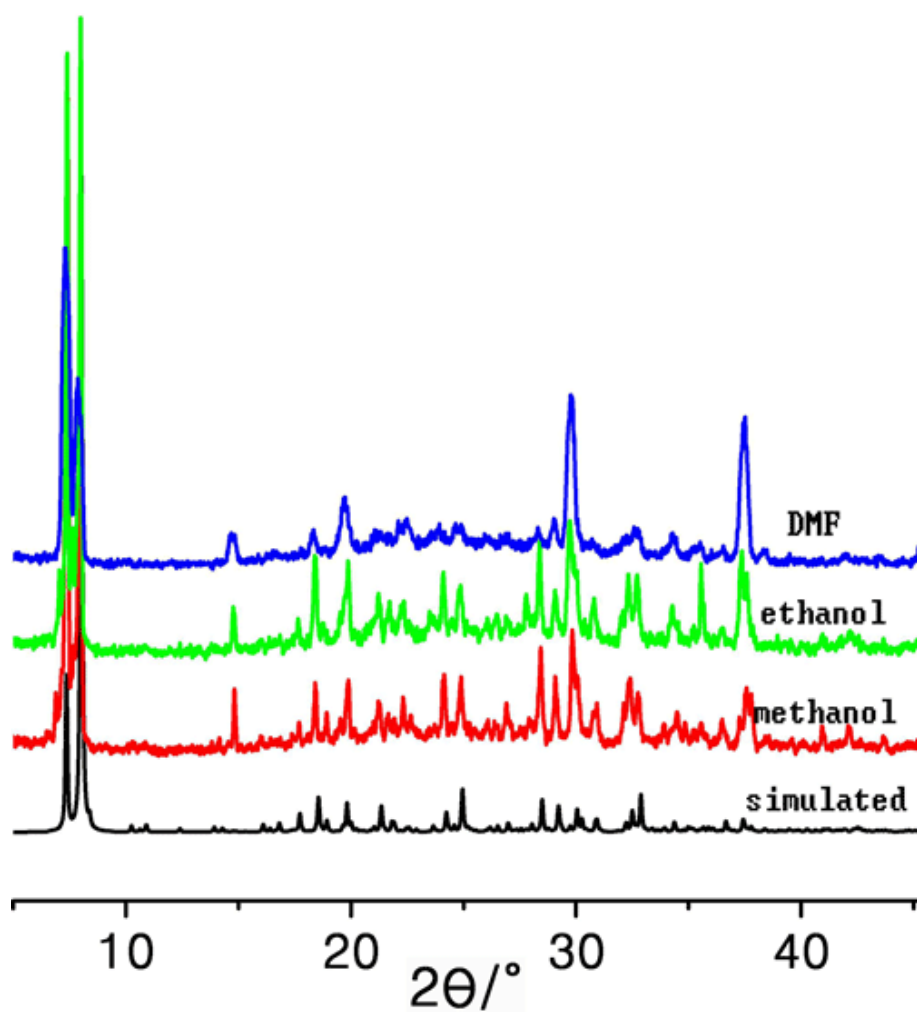


Fig. S8. The PXR D data of compound 1 in different organic solvents was stirred for 24 h at 80°C.

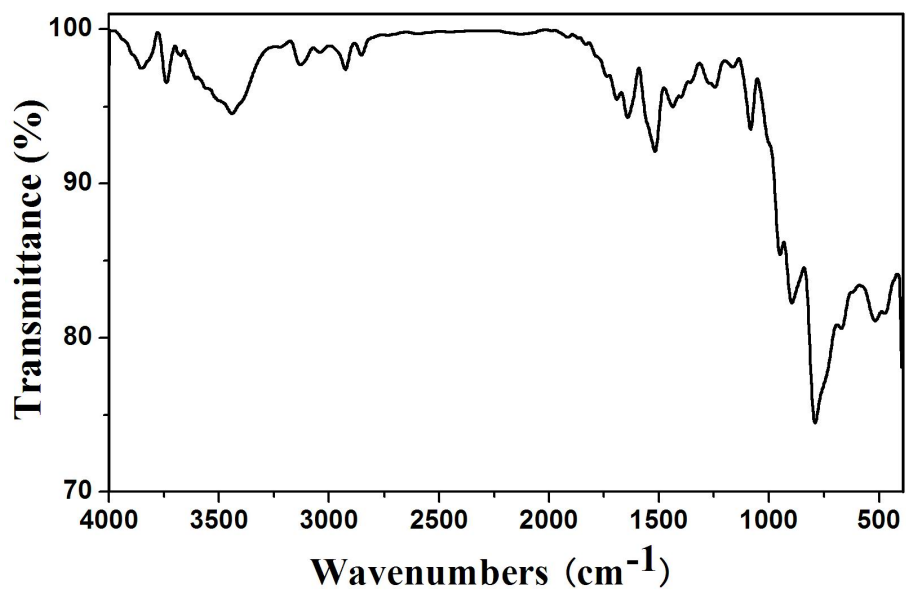


Fig. S9. IR spectrum of compound 1.

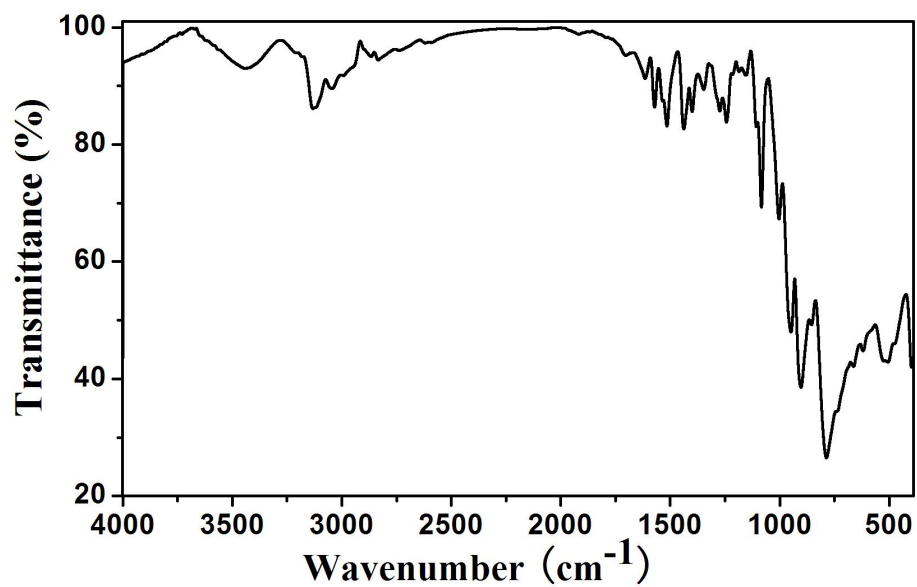


Fig. S10. IR spectrum of compound 2.

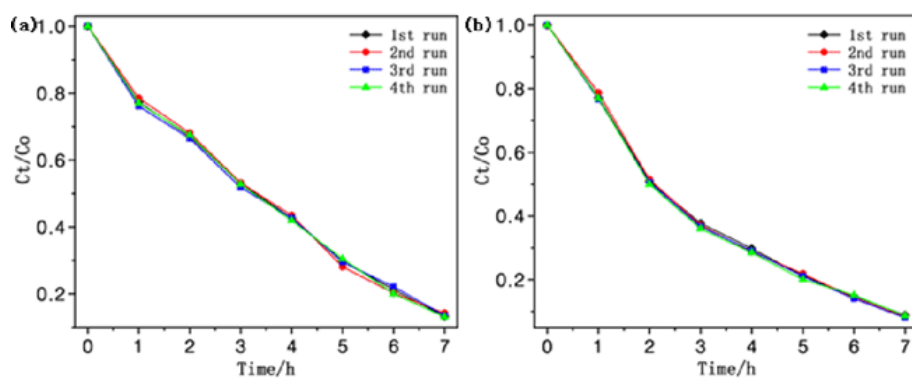


Fig. S11. Four cycles of photocatalytic degradation of RB with compounds 1 (a) and 2 (b).

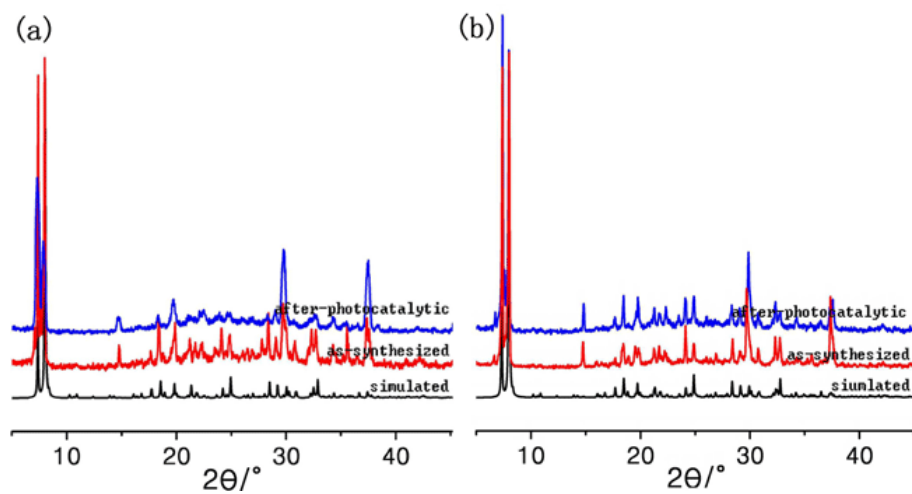


Fig. S12. The PXRD patterns of compound 1 (a) and 2 (b) after four cycles of the photocatalytic degradation of RB.

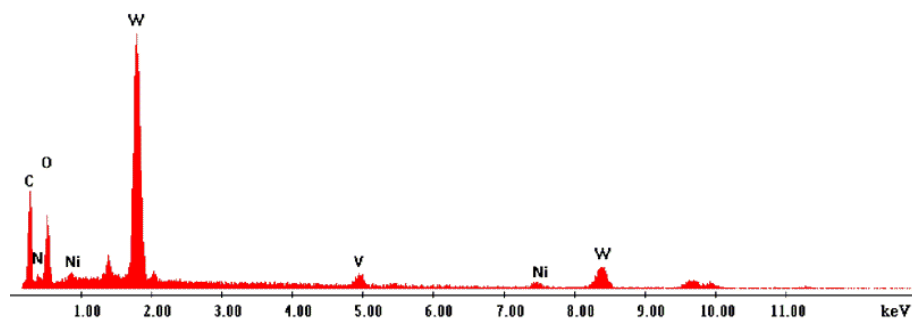


Fig. S13. The EDS pattern of compound 1.