Supplementary Material (ESI) for Dalton Transactions

Supporting Information

An Extended Architecture built upon the Double-Dawson-Type Polyoxoanion

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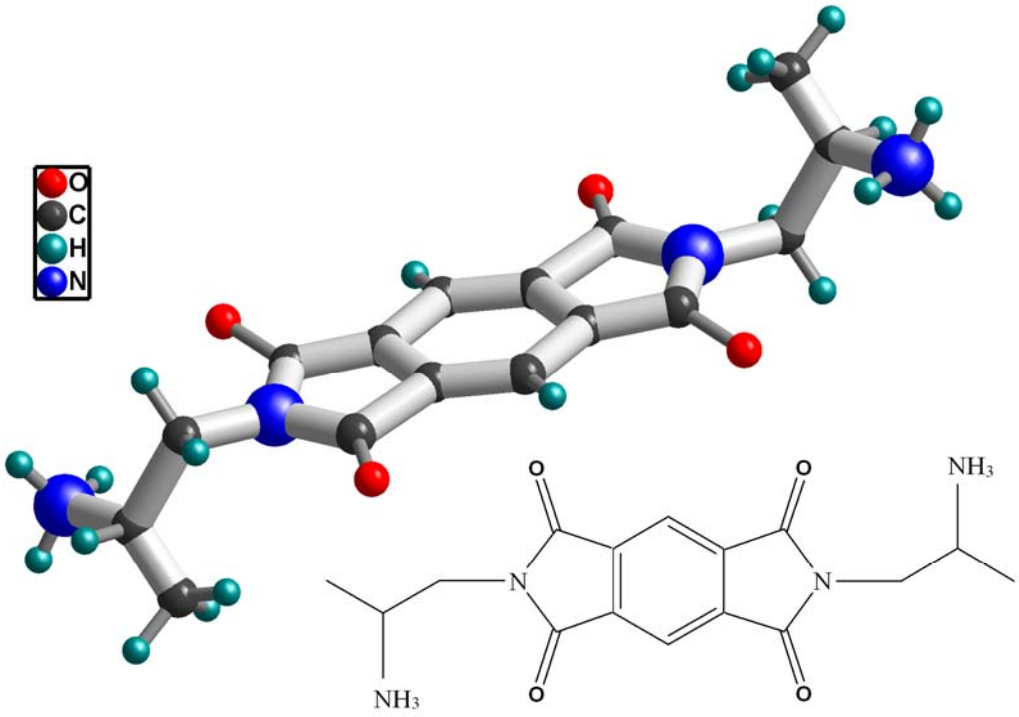

Fig. S1. Ball-and-stick representation of the structure of H_2L.

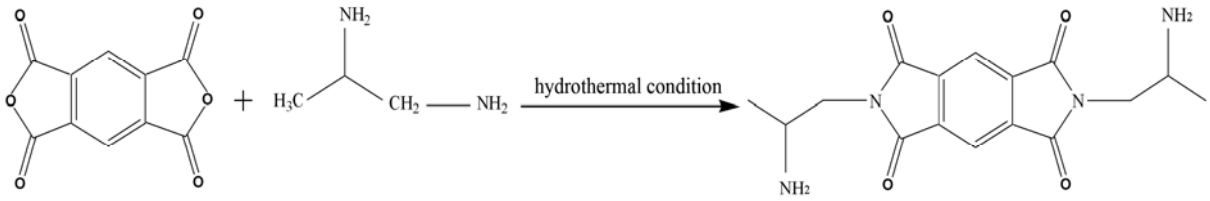

Fig. S2. Chemical equation shows the formation process of L.

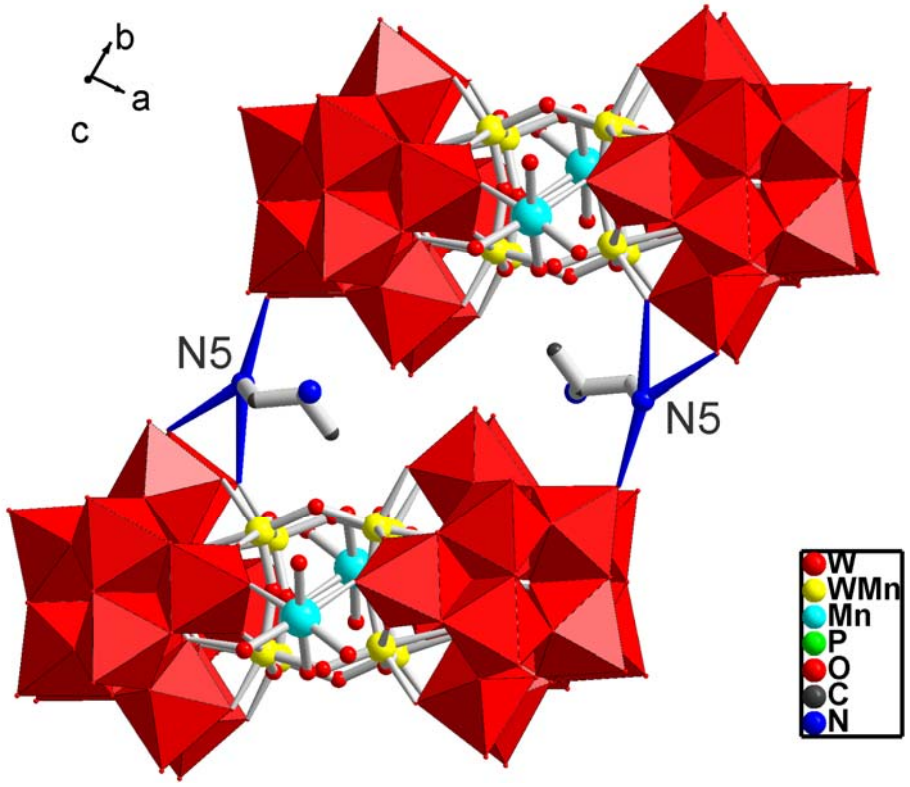

Fig. S3. View of coordination modes of hydrogen bonds between enMe molecules and $[(W_4Mn_4O_{12})(P_2W_{14}O_{54})_2]^{20-}$ subunit in **1**. Hydrogen atoms are omitted for clarity.

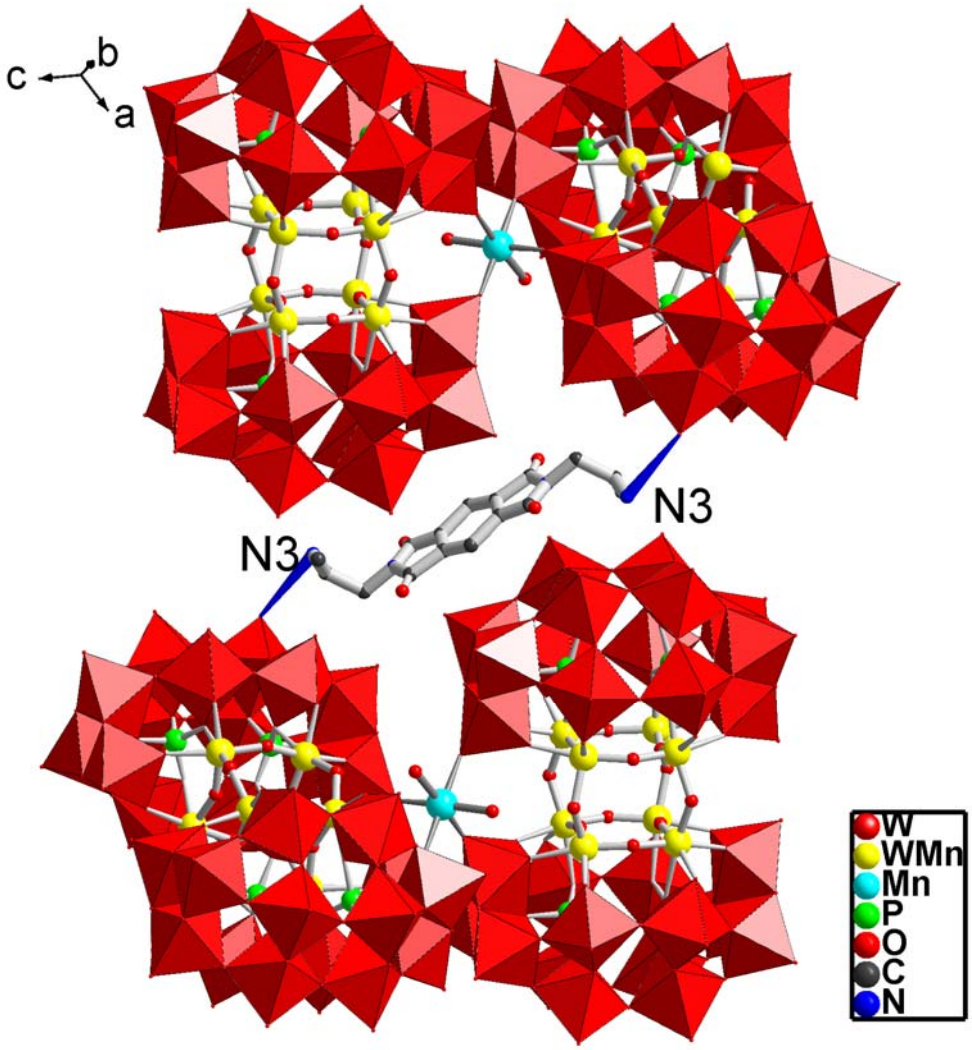

Fig. S4. View of coordination modes of hydrogen bonds between H_2L and $[(W_4Mn_4O_{12})(P_2W_{14}O_{54})_2]^{20-}$ subunit in **1**. Hydrogen atoms are omitted for clarity.

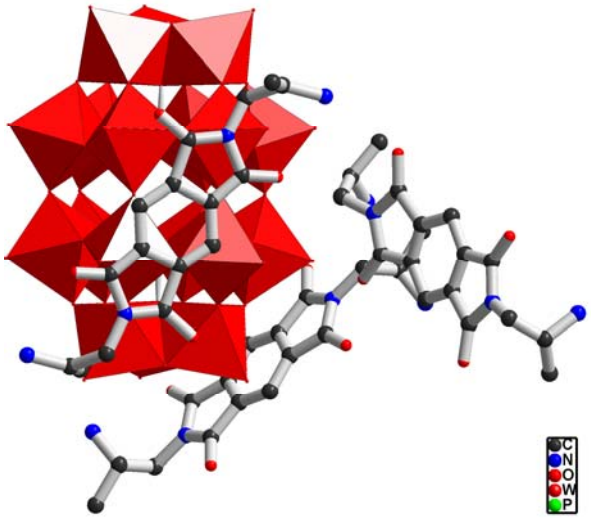

Fig. S5. Polyhedral and ball-and-stick view of unit cell in compound **2**.

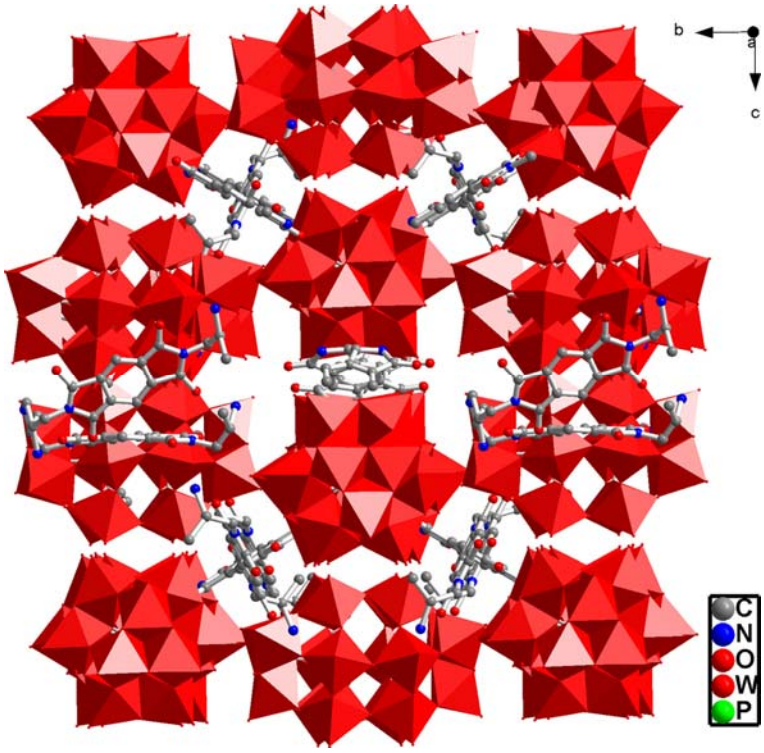

Fig. S6. View of the 3D framework of **2** along *a* axis. Hydrogen atoms are omitted for clarity.

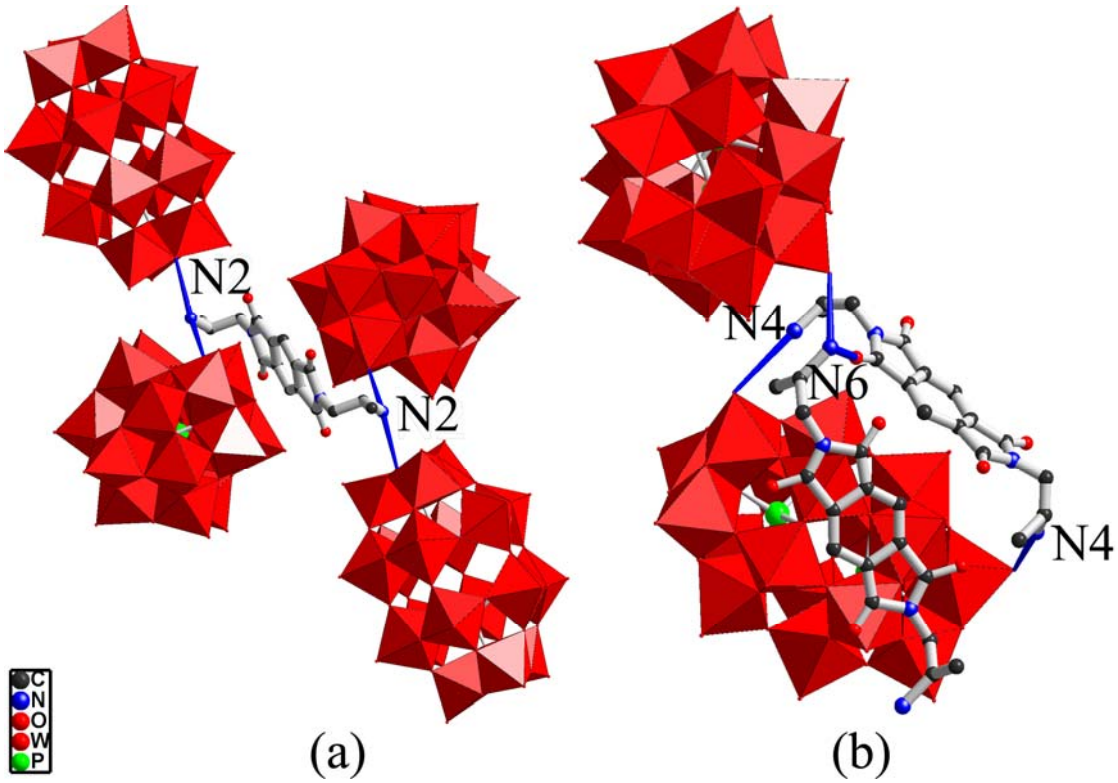

Fig. S7. View of coordination modes of hydrogen bonds between H_2L and H_2L ligand, H_2L ligand and $[P_2W_{18}O_{62}]^{6-}$ subunit in **2**. Hydrogen atoms are omitted for clarity.

Fig. S8. The IR spectrum of **1**.

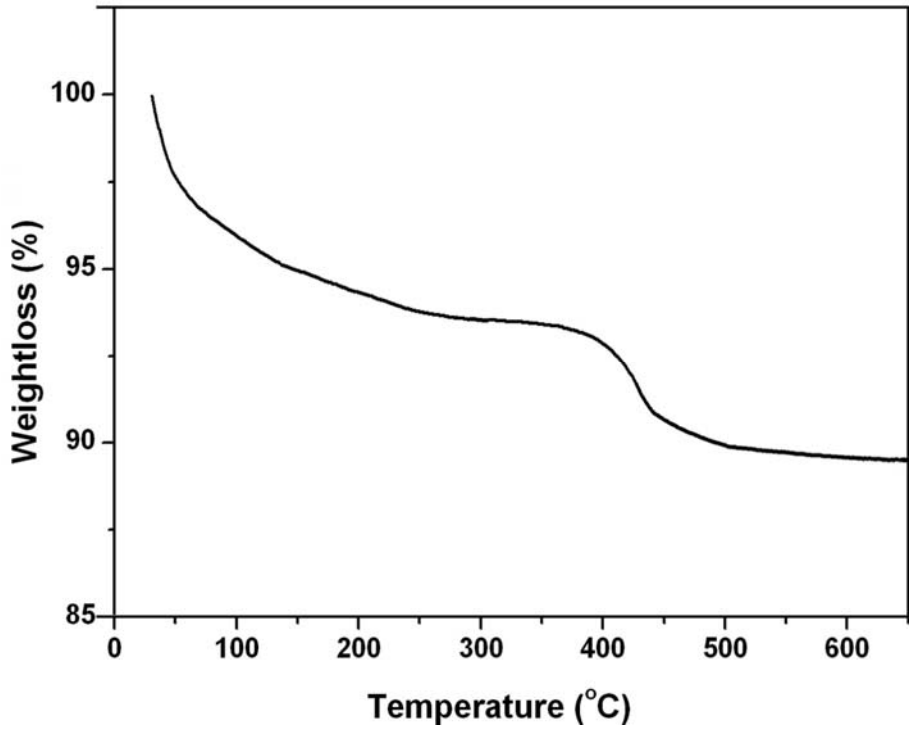

Fig. S9. TGA curve of **1**.