

Electronic Supplementary Information

A Novel Organic-Inorganic Hybrid Turbine-Shaped Hexa-Zn Sandwiched Tungstoarsenate(III)†‡

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Fig. S1 Comparison of the simulated and experimental XRPD patterns of **1**.

Fig. S2 View of supramolecular structure of **1** along the *c*-axis. Color codes: WO₆ octahedra: green; As: teal; Zn: turquoise; N: dark gray; O: red; C: black; H: light gray.

Fig. S3 The IR spectrum of **1**.

Fig. S4 Thermogravimetric curve of **1** in the flowing N₂ atmosphere.

Fig. S5 Photoluminescence emission spectrum of (a) Na₉[α -HAsW₉O₃₃] and (b) **1** in the solid state at room temperature.

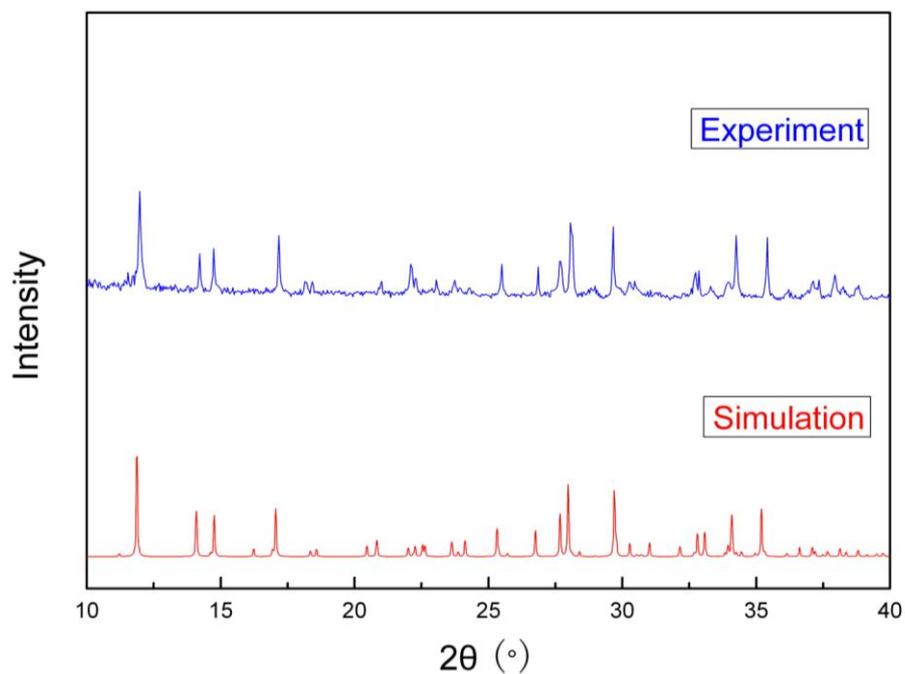


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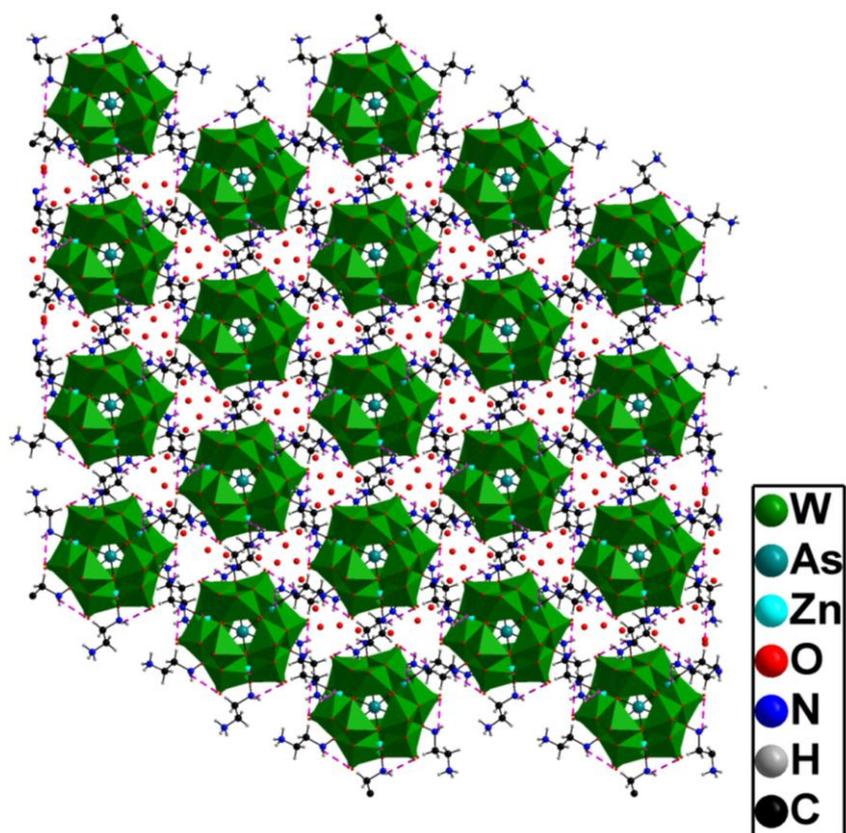


Fig. S2 View of supramolecular structure of **1** along the *c*-axis. Color codes: WO₆ octahedra: green; As: teal; Zn: turquoise; N: dark gray; O: red; C: black; H: light gray.

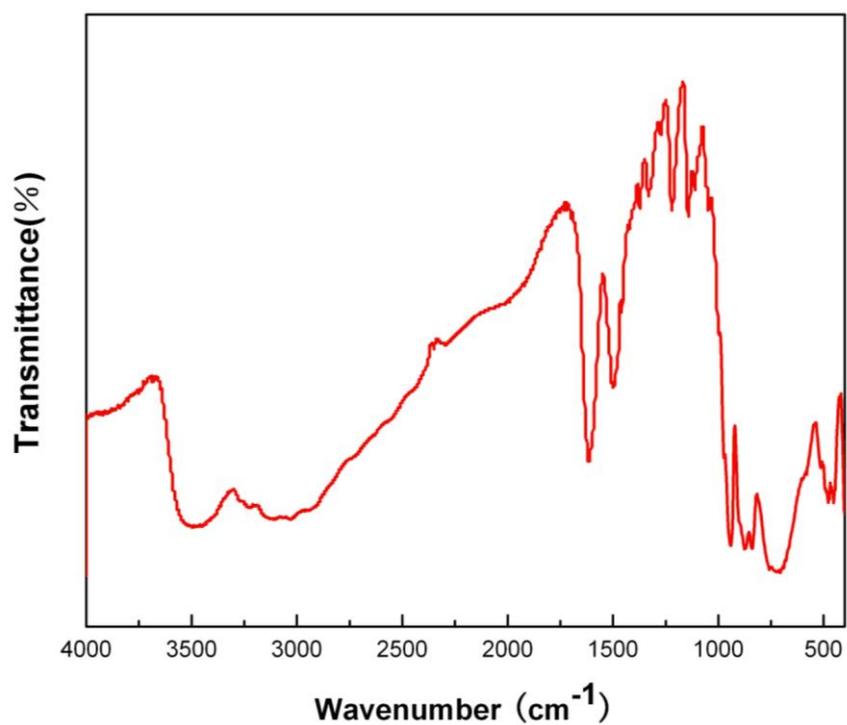


Fig. S3 The IR spectrum of **1**.

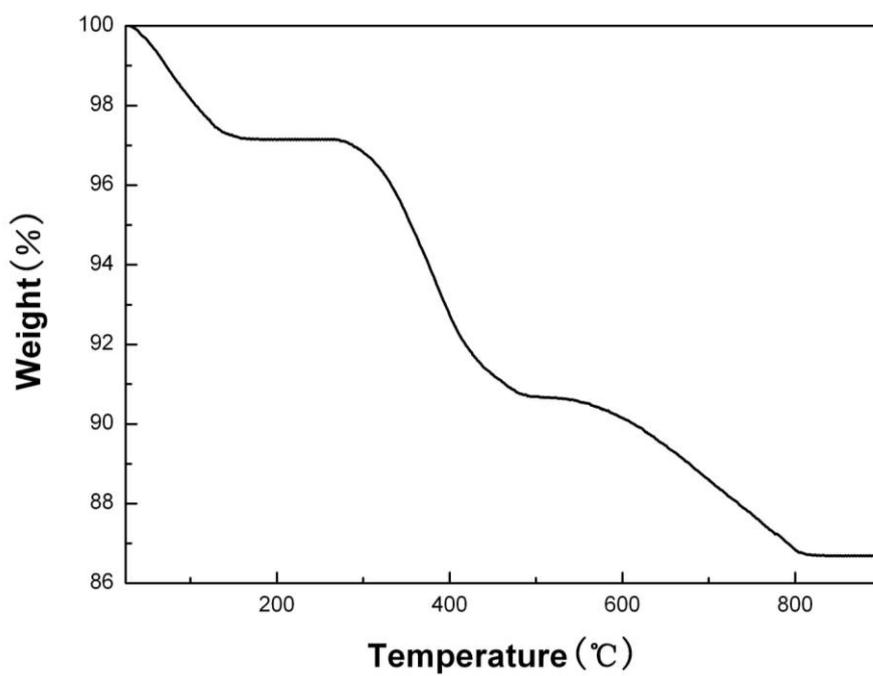


Fig. S4 Thermogravimetric curve of **1** in the flowing N₂ atmosphere.

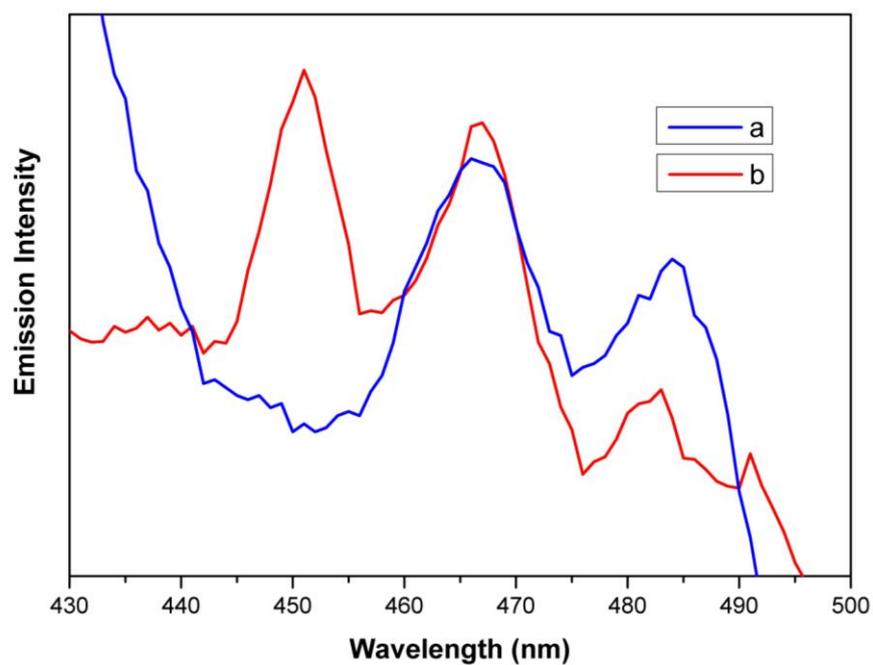


Fig. S5 Photoluminescence emission spectra of (a) $\text{Na}_9[\alpha\text{-HAsW}_9\text{O}_{33}]$ and (b) **1** in the solid state at room temperature.