Supplemental Material for:

A New 3D Framework Based on Wells-Dawson Arsenotungstates as Eight-connected Linkages †

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Scheme S1. The main coordination modes of btb ligand in this work.
**Fig. S1.** The coordination environments of three crystallographically independent Cu cations.

**Fig. S2.** The four crystallographically independent btb ligands in 1.

**Fig. S3.** The 48-membered macrocycle in 1.

**Fig. S4.** The XPS spectrum of 1.
Fig. S5. The IR spectrum of 1.

Fig. S6. The simulative (black) and experimental (red) powder X-ray diffraction patterns for 1.

Fig. S7. TG curve of 1.
Fig. S8. Reduction of H₂O₂ (a) and NO₂⁻ (b) at (NBu₄)₆[As₂W₁₈O₆₂]-CPE in 1 M H₂SO₄ solution containing H₂O₂ and NO₂⁻ in various concentrations (from inner to outer): 0, 10, 20, 30, 40, 50 mM.

Fig. S9. The 40 consecutive CV cycles of the 1-CPE at the scan rate of 0.3 V·s⁻¹.