

Supplementary Information

Isolation of a stable lacunary Dawson-type polyoxomolybdate cluster

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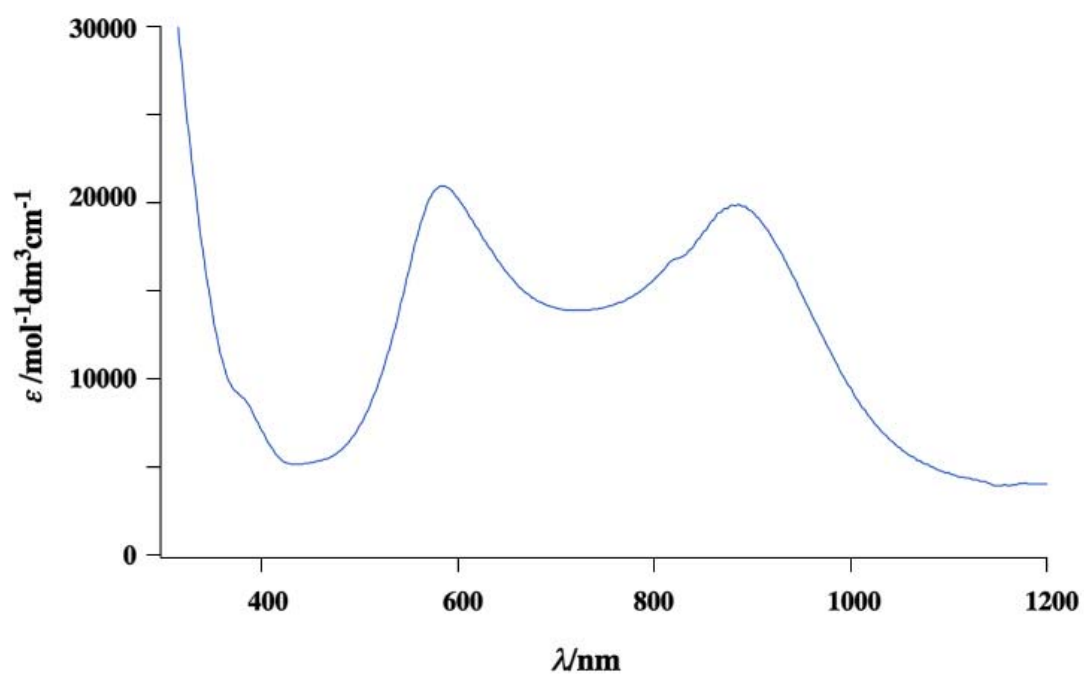


Figure S1. UV absorption spectrum of cluster **1** in acetonitrile solution under nitrogen atmosphere showing broad absorptions in the Vis/NIR region.

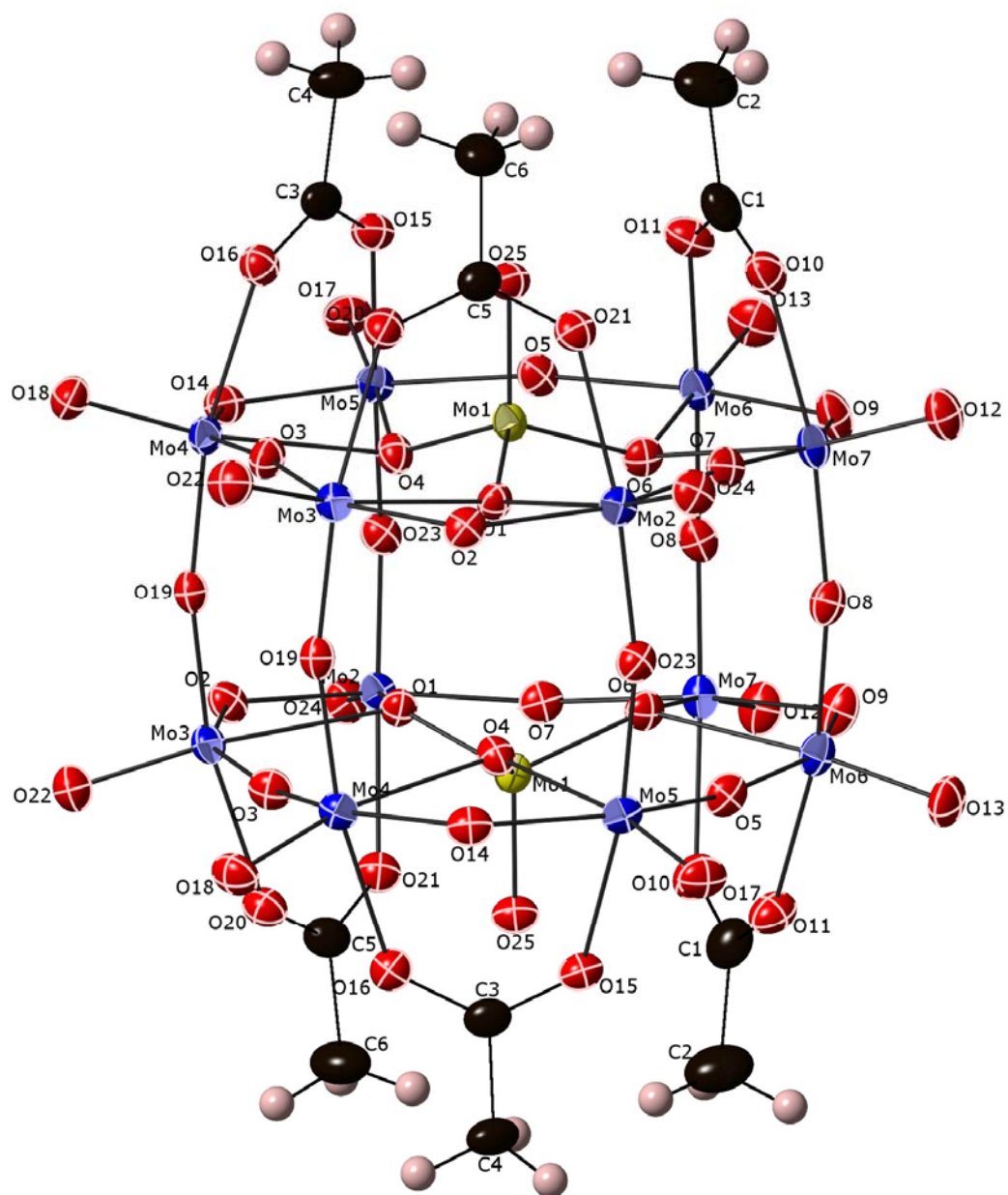


Figure S2. Ortep view of anionic part of **1** with numbering scheme.

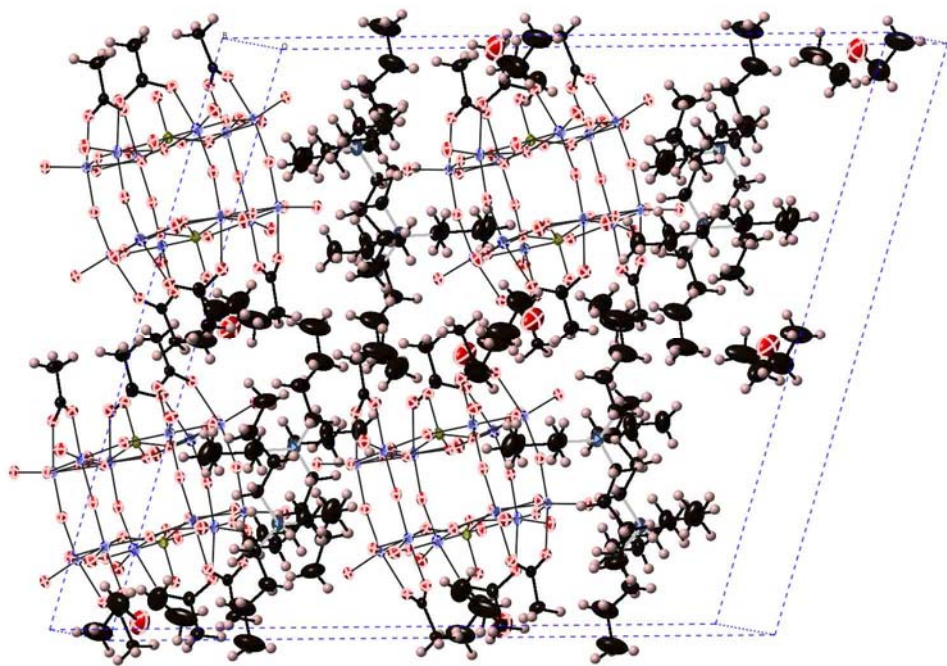


Figure S3. Packing diagram of **1**.

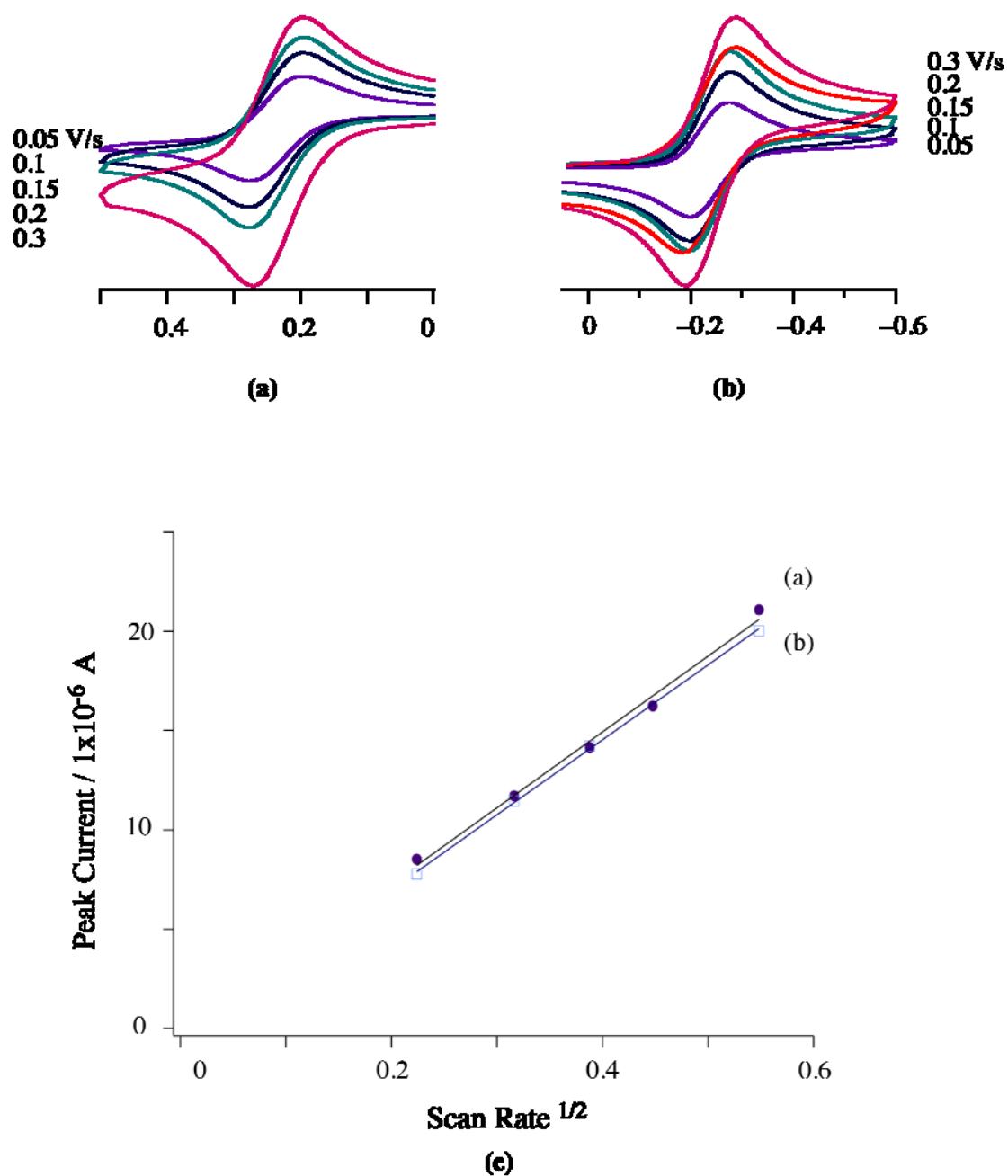


Figure S4. Cyclic voltammograms of **1** at process (a) III and process (b) IV with scan rates of 50, 100, 150, 200 and 300 mV s^{-1} . (c) plots of peak currents vs square root of the scan rates.

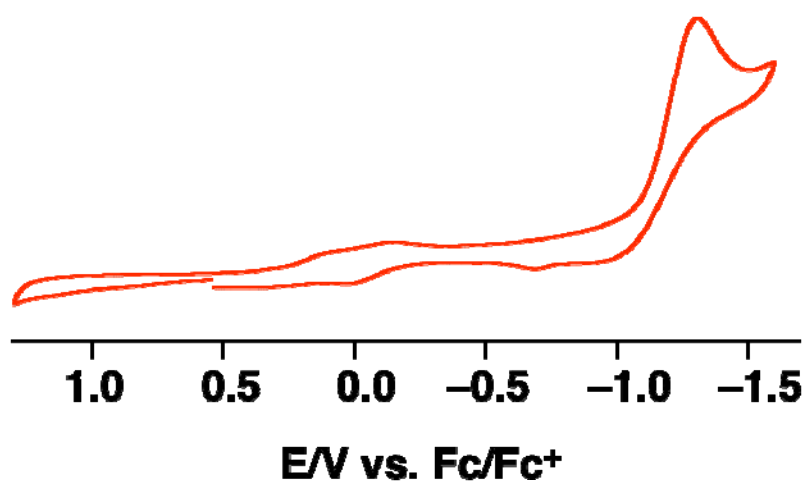


Figure S5. Cyclic voltammogram of **1** after four electron oxidation by controlled potential electrolysis at 1.1 V.

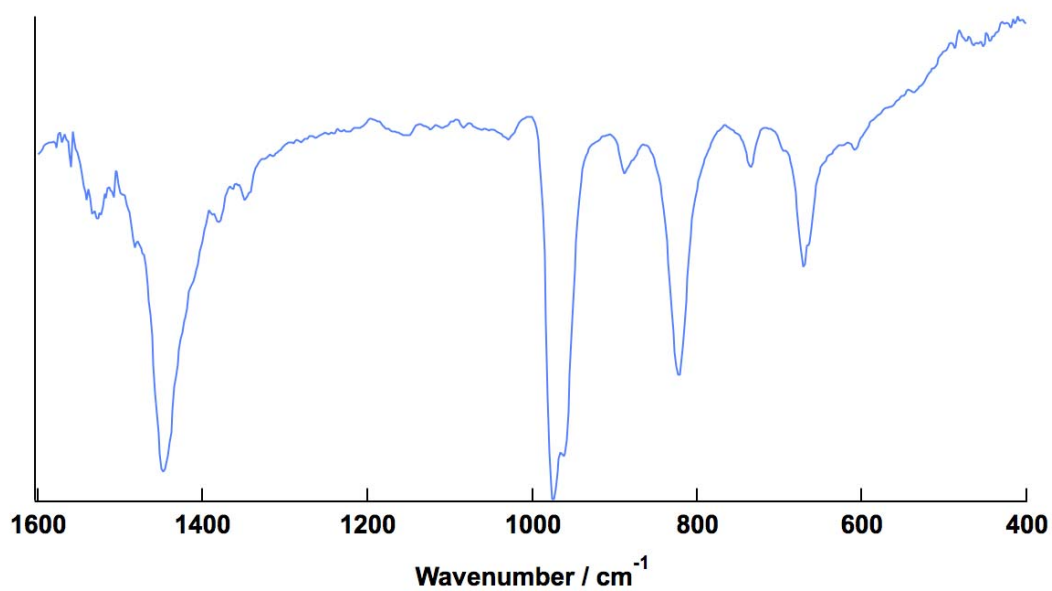


Figure S6. IR spectrum of **1**.