

A series of new vanadium(III) chalcogenidoantimonates: unusual seven-coordinate nitro-selenidovanadium(III) complex

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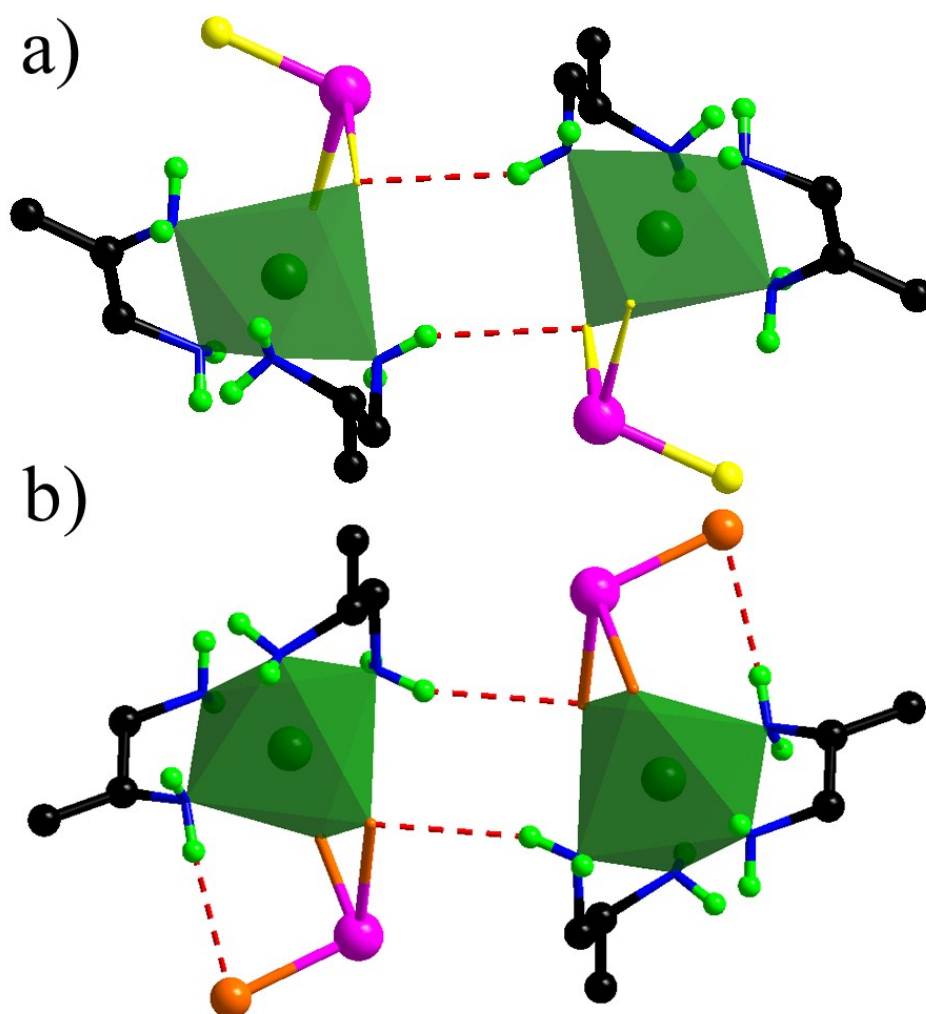


Fig. S1 Two adjacent inversion-related $[V^{III}(dap)_2SbQ_3]$ molecules are bridged by N-H \cdots Q H-bonds in **1** (a) and **2** (b).

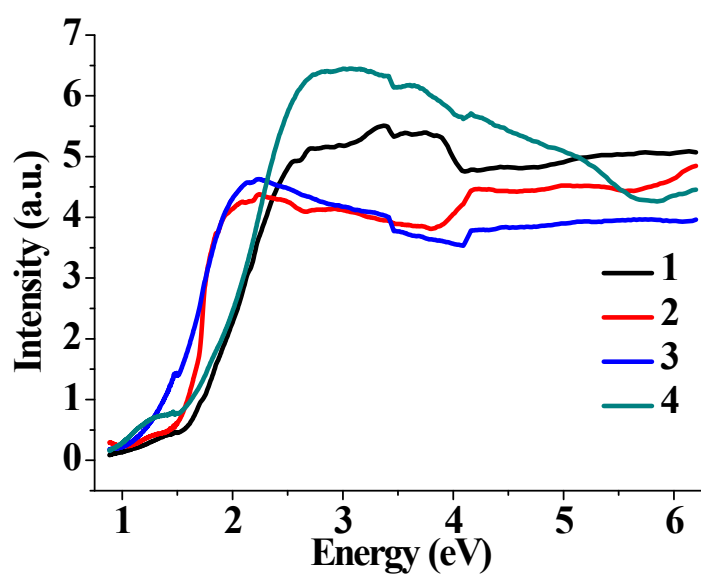


Fig. S2 UV-vis absorption spectra of 1–4.

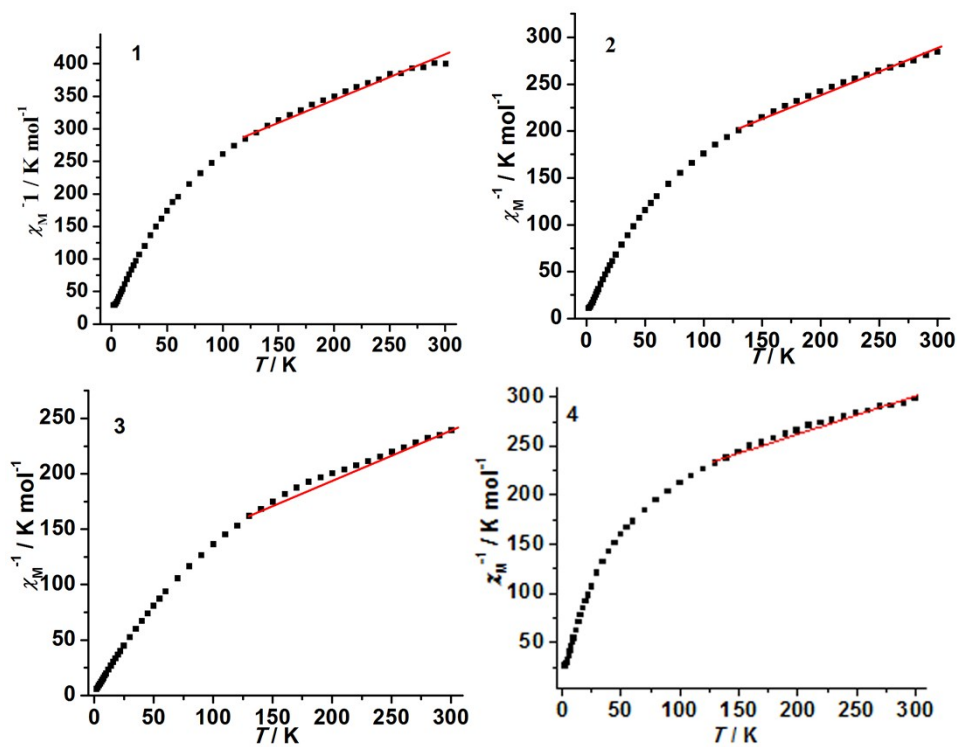
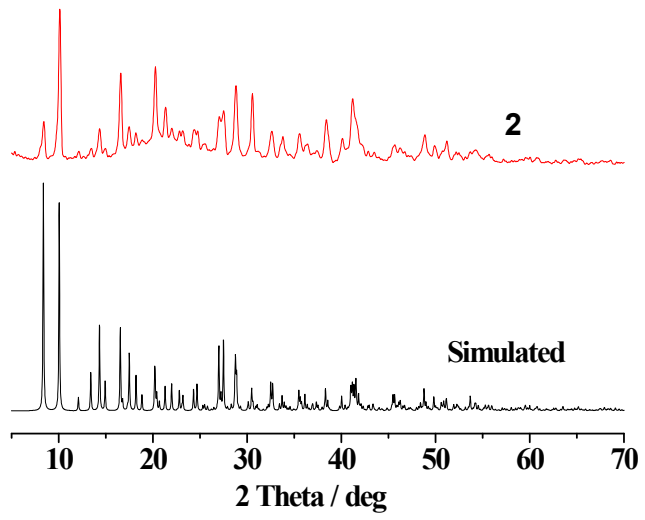
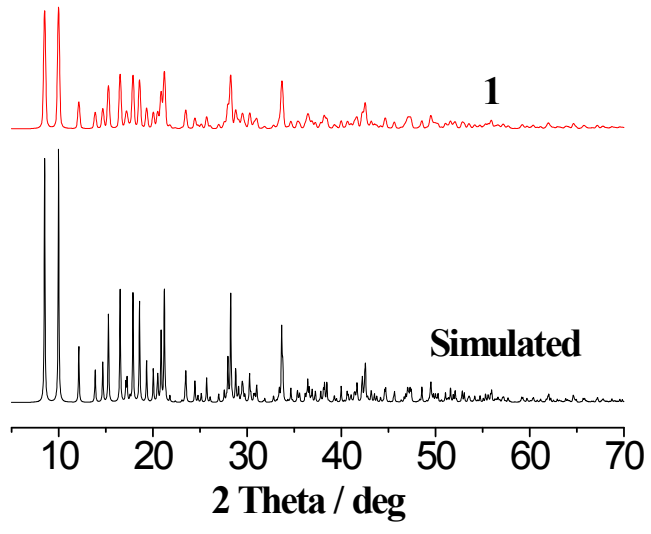


Fig. S3 Plot of χ_M^{-1} versus T for 1-4.



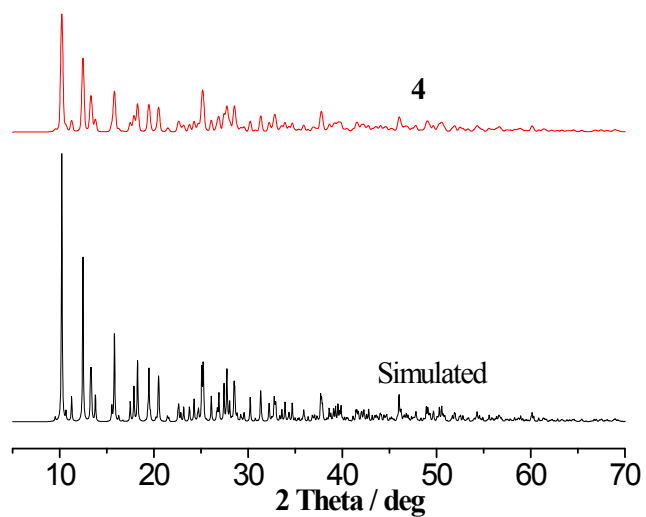
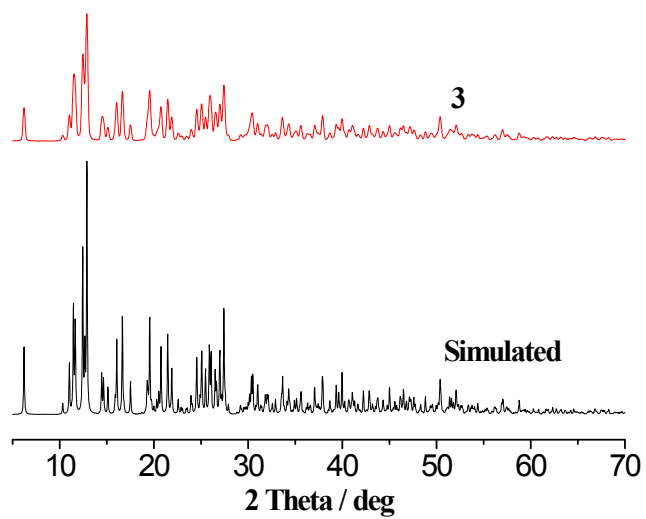


Fig. S4 Simulated and experimental powder XRD patterns of **1-4**.