

Supporting Information for

One novel 3-D vanadoborate with unusual 3-D Na-O-Na network

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Table S1 Ranges of some important bond lengths (Å) and angles (°) for **1**.

V-O	1.6201(10)-2.0184(8)	B-O	1.3546(17)-1.5230(16)
Na-O	2.265(3)-2.8427(13)		
O-V-O	77.65(4)-147.00(3)	O-B-O	106.17(8)-123.39(11)
O-Na-O	54.21(3)-172.55(3)		

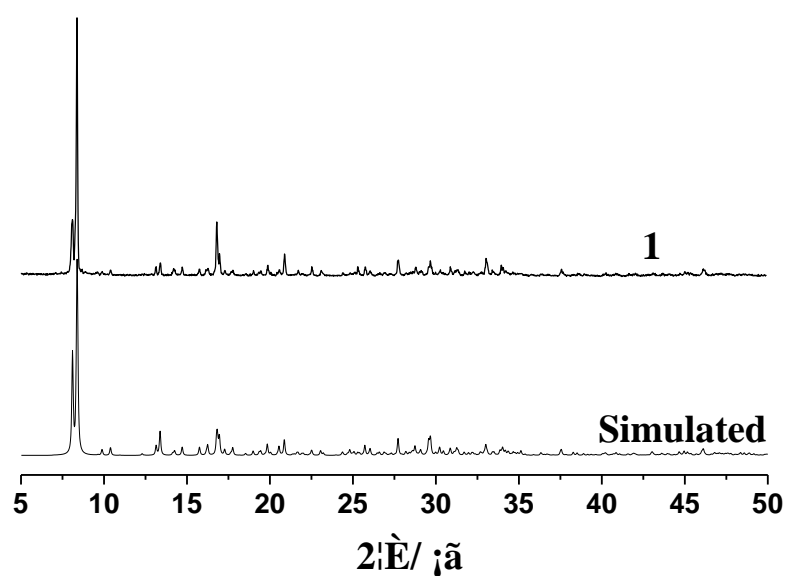


Fig.S1. Simulated and experimental powder XRD patterns of **1**.

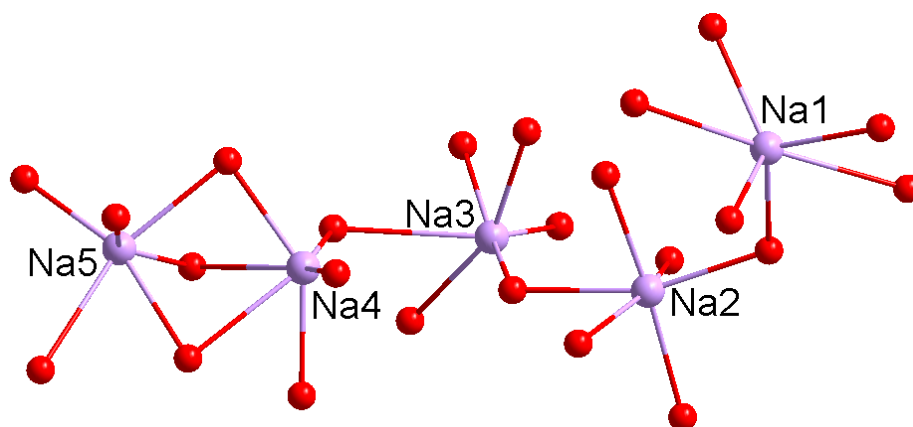


Fig. S2. The coordination environment of Na1, Na2, Na3, and Na4 ions.

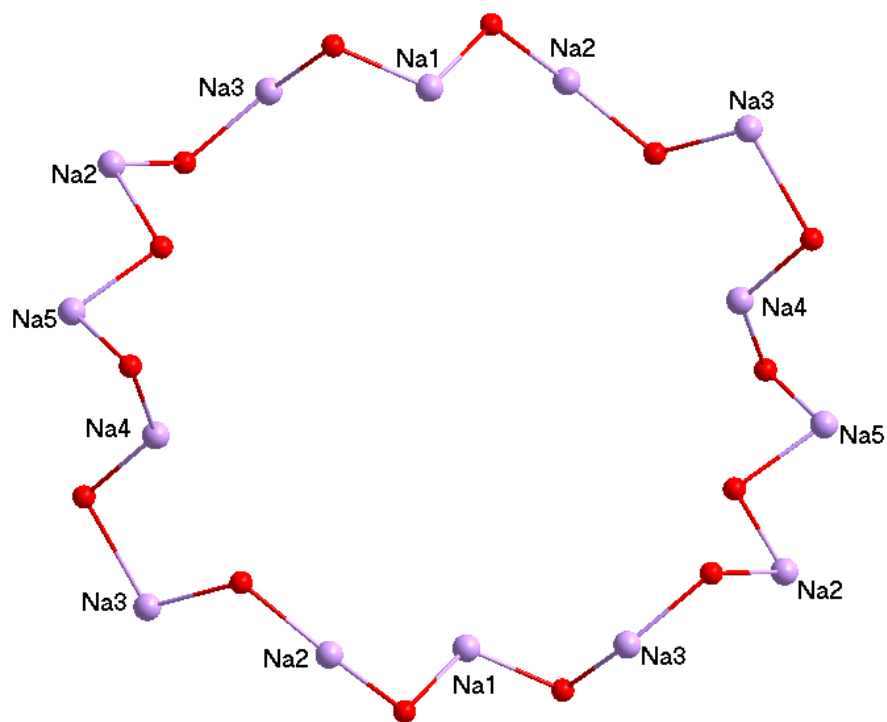


Fig. S3. The aperture of 14-ring.

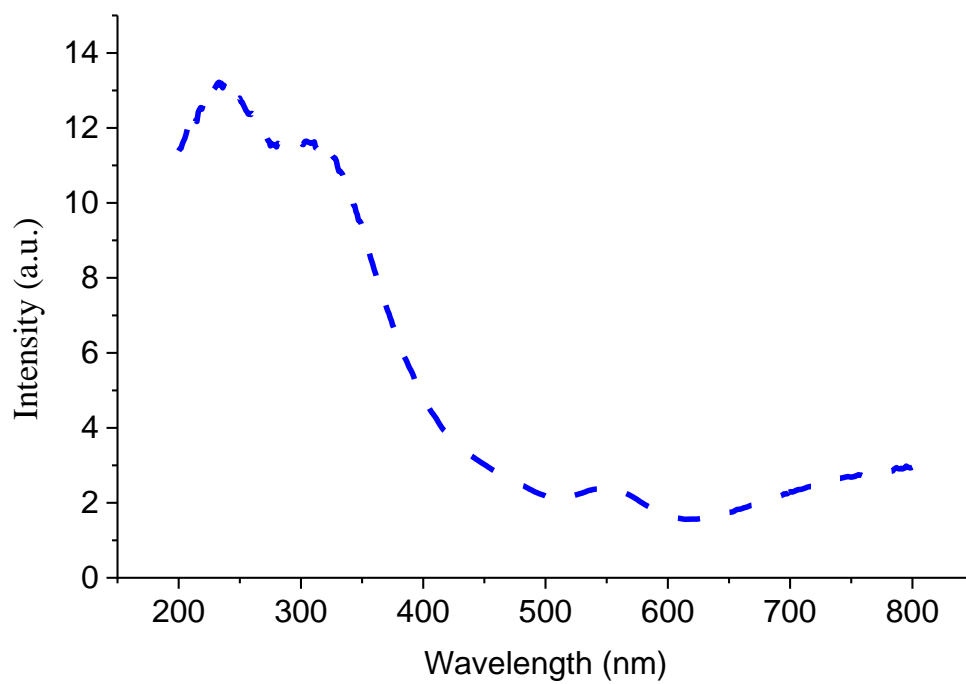


Fig. S4 UV-vis absorption spectrum of **1**.

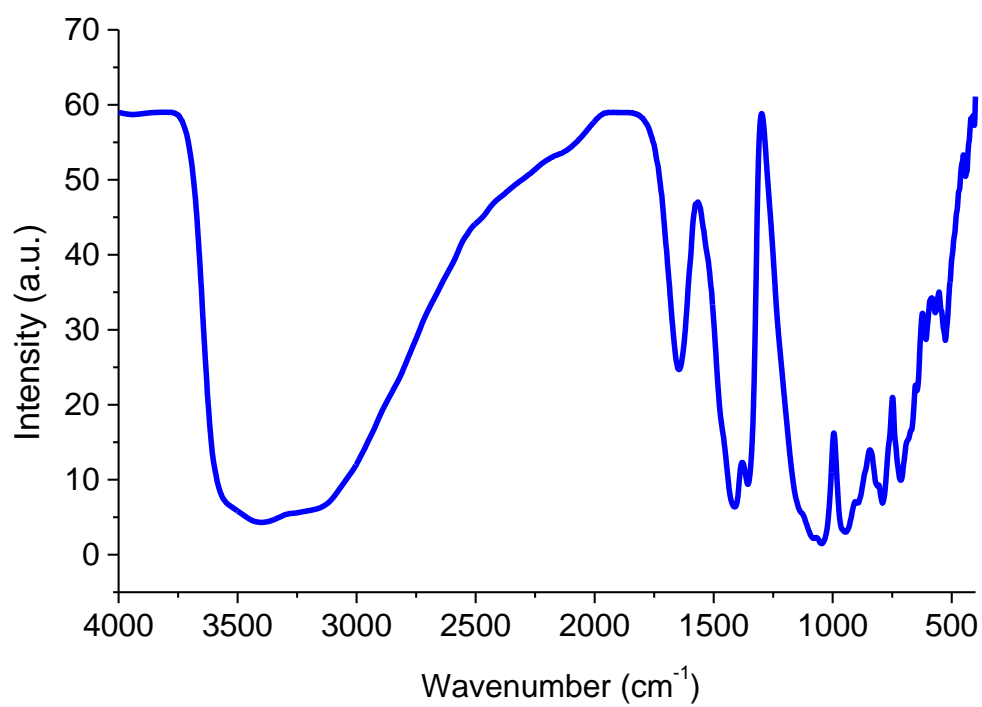


Fig. S5 IR spectrum of **1**.

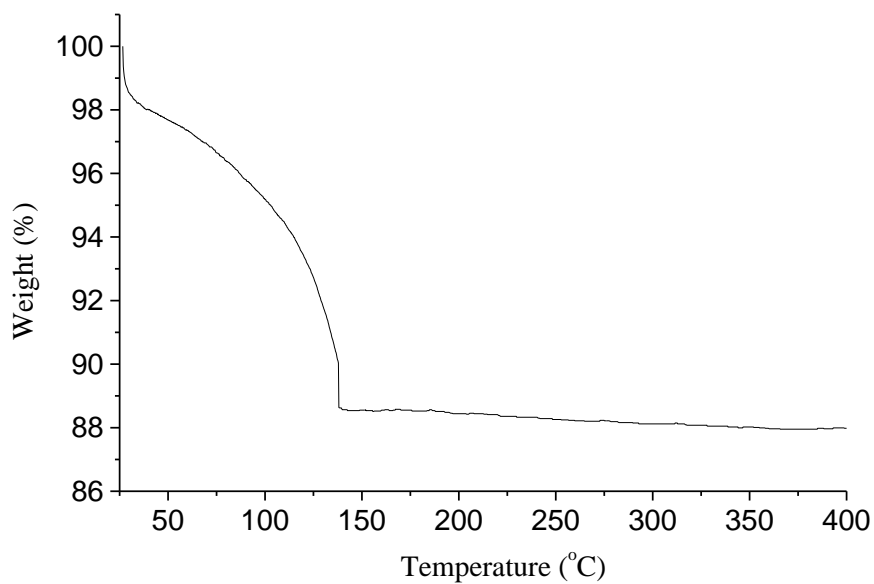


Fig. S6 TG curve of **1**.

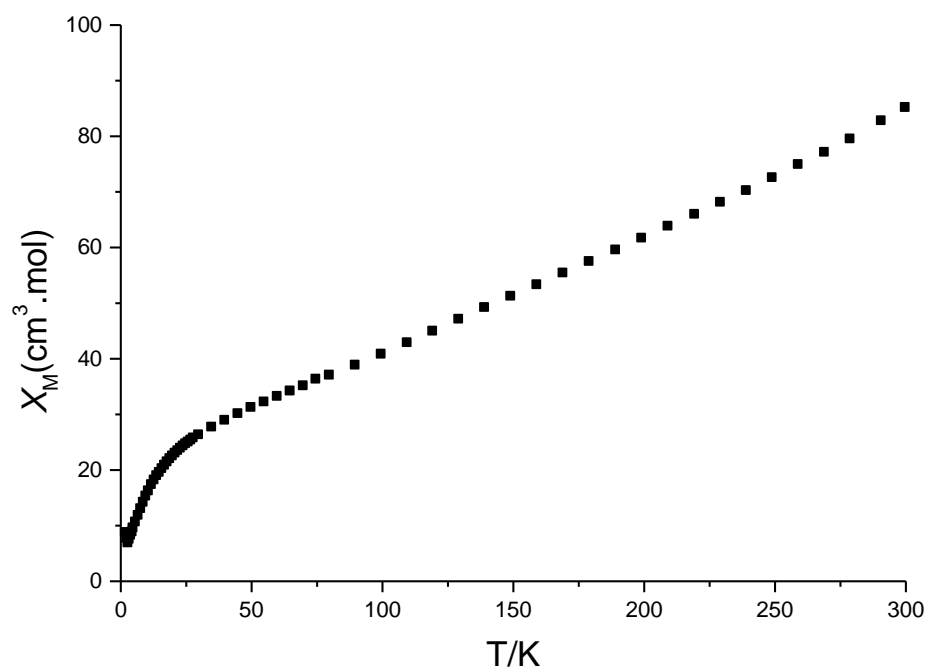


Figure S7 The plot of χ_M^{-1} versus T for **1**.