

Supporting Information

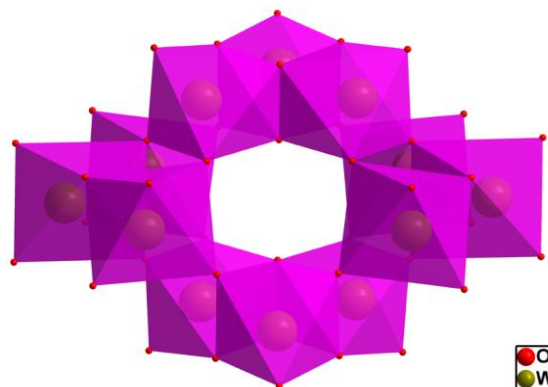


Figure S1. Polyhedral the paradodecatungstate-B [H₂W₁₂O₄₂]¹⁰⁻ anions, Colour codes: {WO₆}octahedra (pink), O (red).

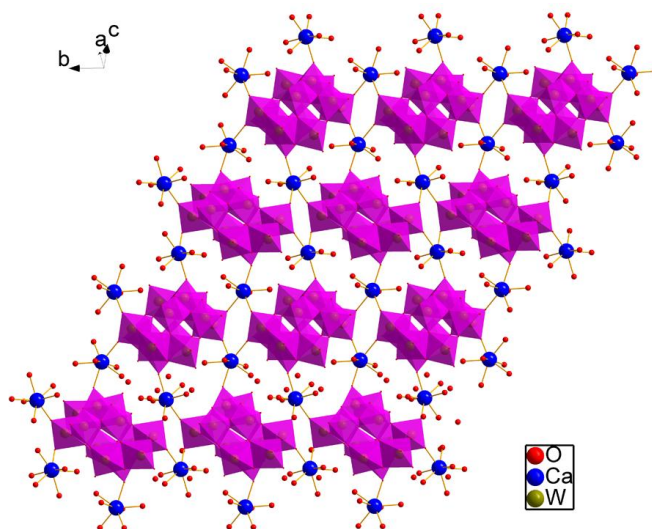


Figure S2. Polyhedral and ball-and-stick representation of the 2D network structure of compound **1**, Na atoms and Lattice water molecules are omitted for clarity, Colour codes: {WO₆}octahedra (pink), Ca (blue), O (red).

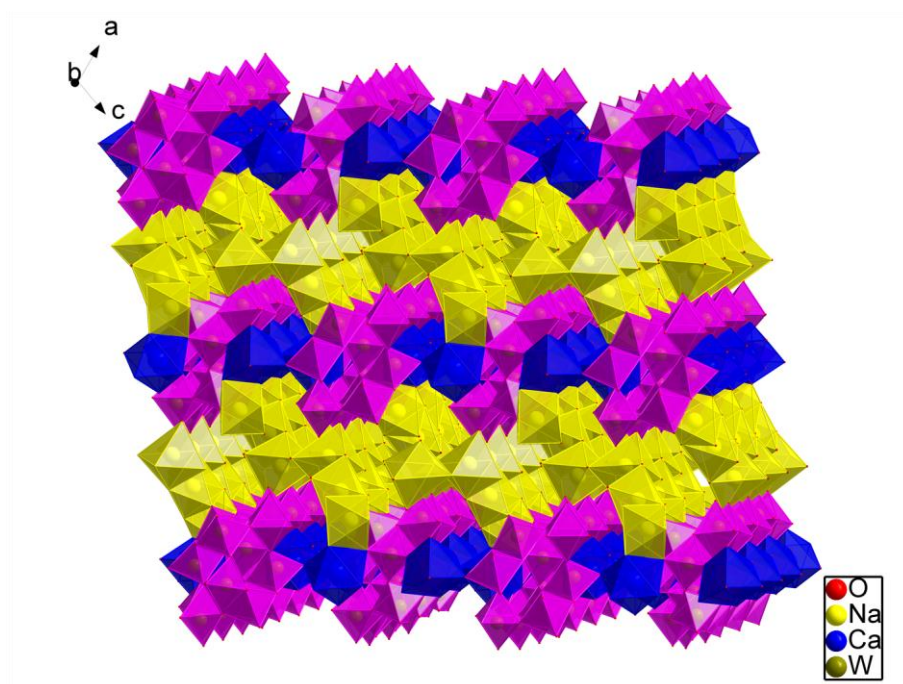


Figure S3. 3-D packing arrangement of **1**. The polyanions, Ca atoms and Na atoms are represented with polyhedron; All the isolated water molecules are omitted for clarity.

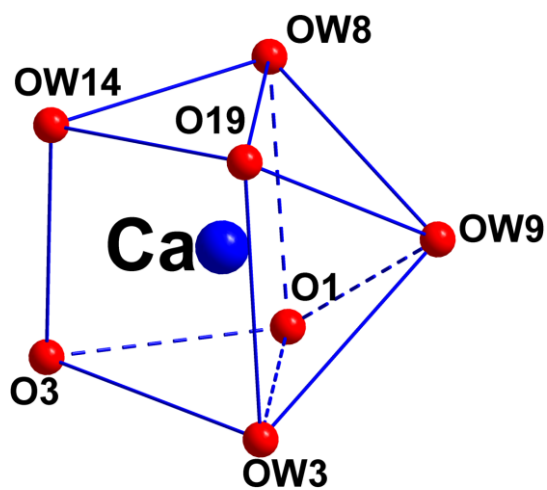


Figure S4. The coordination polyhedrons around Ca atom in **1**

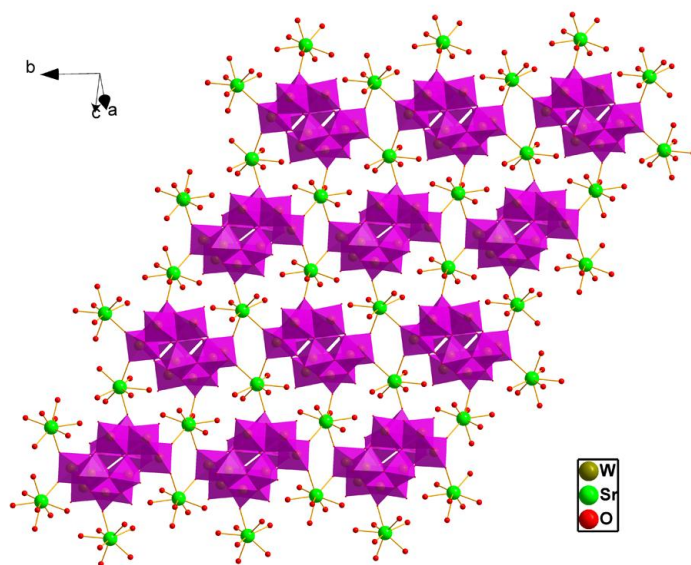


Figure S5. Polyhedral and ball-and-stick representation of the 2D network structure of $[\text{H}_2\text{W}_{12}\text{O}_{42}]^{10-}$ polyanions coordinated with Sr1 atom in compound **2**, Lattice water molecules are omitted for clarity, Colour codes: $\{\text{WO}_6\}$ octahedra (pink), Sr (green), O (red).

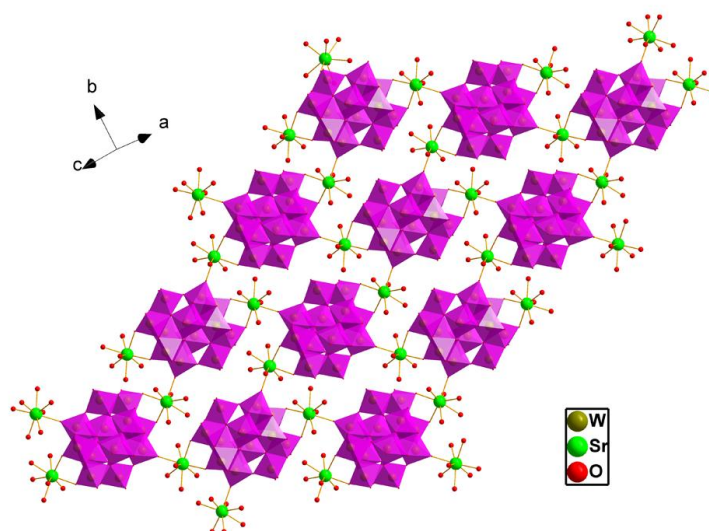


Figure S6. Polyhedral and ball-and-stick representation of the 2D network structure of $[\text{H}_2\text{W}_{12}\text{O}_{42}]^{10-}$ polyanions coordinated with Sr2 atom in compound **2**. Lattice water molecules are omitted for clarity, Colour codes: $\{\text{WO}_6\}$ octahedra (pink), Sr (green), O (red).

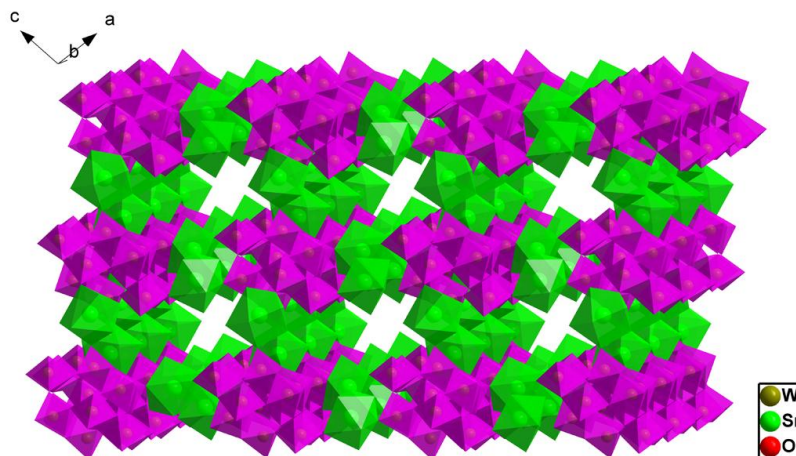


Figure S7. 3-D packing arrangement of **2** with 1-D channels viewed along the b axis. The polyanions and Sr atoms are represented with polyhedron; The solvent water molecules are omitted for clarity.

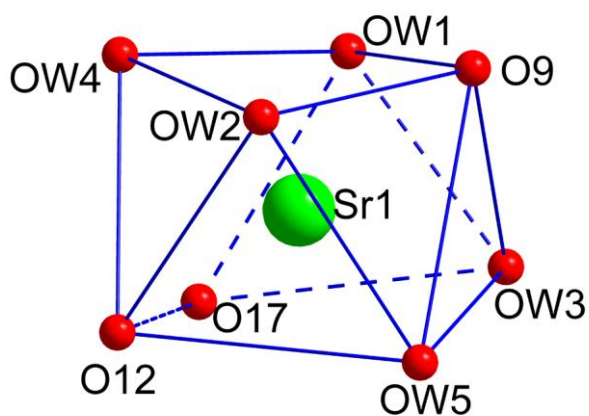


Figure S8. The coordination polyhedrons around Sr1 atom in **2**

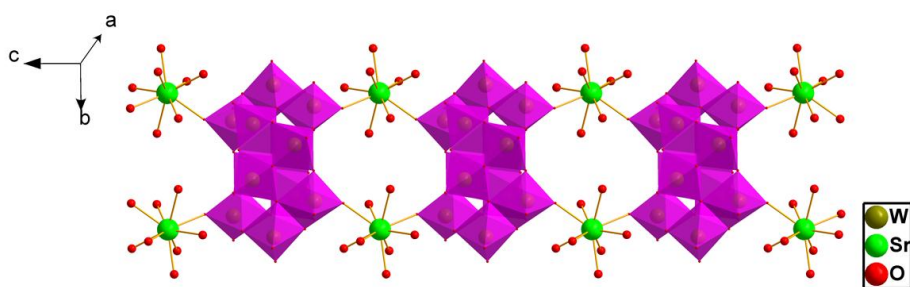


Figure S9. (a) Polyhedral and ball-and-stick representation of the infinite 1D chain structure of $[\text{H}_2\text{W}_{12}\text{O}_{42}]^{10-}$ polyanions coordinated with Sr1 atom in compound **3**, Lattice water molecules are omitted for clarity, Colour codes: $\{\text{WO}_6\}$ octahedra (pink), Sr (green), O (red).

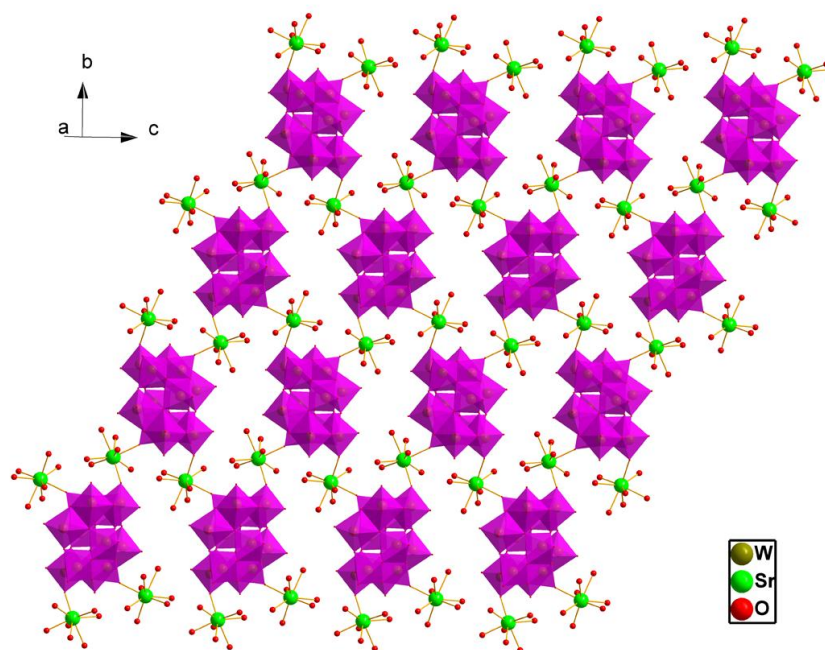


Figure S10. Polyhedral and ball-and-stick representation of the 2D network structure of $[\text{H}_2\text{W}_{12}\text{O}_{42}]^{10-}$ polyanions coordinated with Sr2 atom in compound **3**. Lattice water molecules are omitted for clarity, Colour codes: $\{\text{WO}_6\}$ octahedra (pink), Sr (green), O (red).

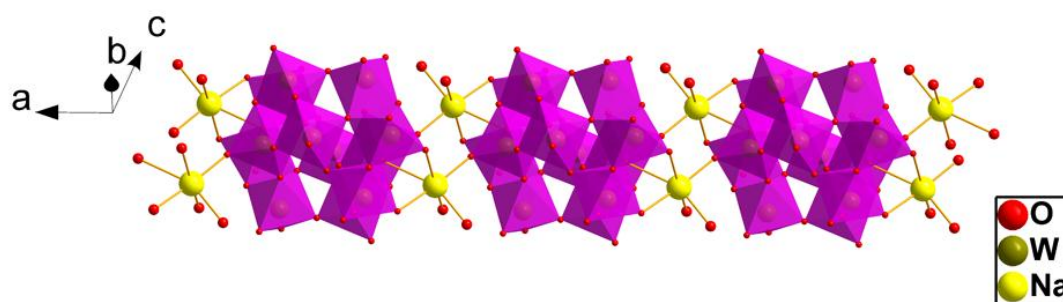


Figure S11. (a) Polyhedral and ball-and-stick representation of the infinite 1D chain structure of $[\text{H}_2\text{W}_{12}\text{O}_{42}]^{10-}$ polyanions coordinated with Na atom in compound **3**, Lattice water molecules are omitted for clarity, Colour codes: $\{\text{WO}_6\}$ octahedra (pink), Na (yellow), O (red).

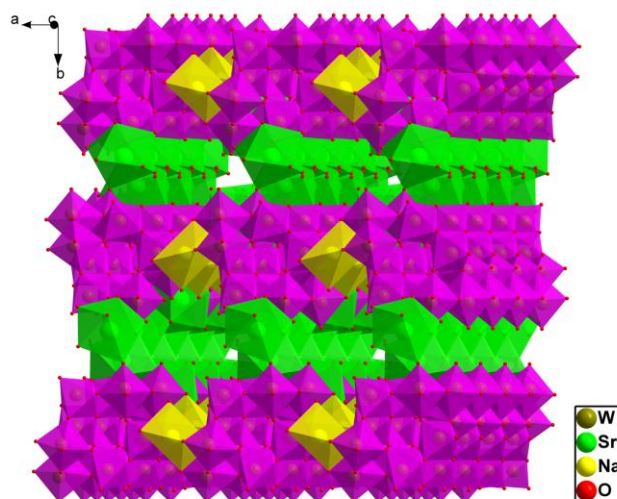


Figure S12. 3D packing arrangement of **3**. The polyanions, Sr atoms and Na atoms are represented with polyhedron; The solvent water molecules are omitted for clarity.

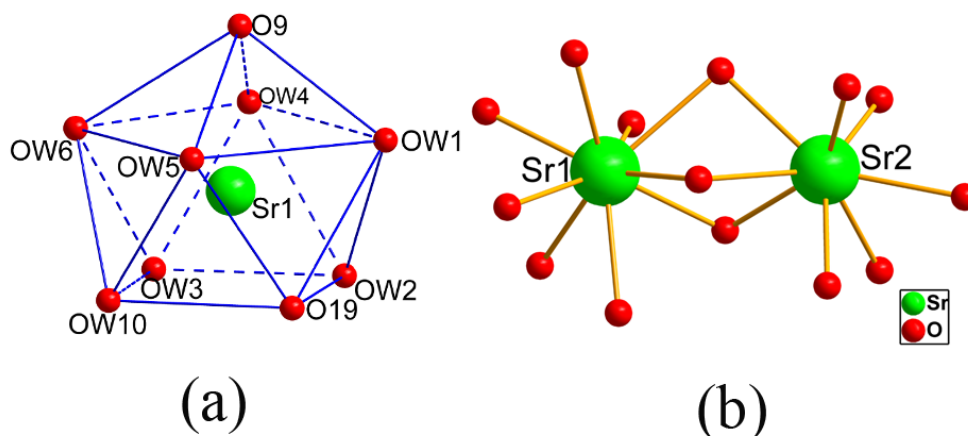


Figure S13. (a) The coordination polyhedrons around Sr1 atom in **3** (b) the adjacent Sr1 and Sr2 atoms in **3** were connected through three μ_2 -O atoms.

FT-IR Spectroscopy

The IR spectrum of **1** (Figure S14) showed the characteristic peaks of the different W–O bonds of $[\text{H}_2\text{W}_{12}\text{O}_{42}]^{10-}$ at 600–1000 cm^{-1} . The bands at ca. 940, 870, 826 and 694 cm^{-1} should be assigned to $\nu(\text{W}-\text{O}_t)$, $\nu(\text{W}-\text{O}_t')$, $\nu(\text{W}-\text{O}_c)$ and $\nu(\text{W}-\text{O}_b)$, respectively.¹ A broad band at 3422 cm^{-1} is due to the

aqua ligands. The peak at 1627 cm^{-1} associates with the crystalline lattice water molecules. The IR spectra of complexes **2–4** (as shown in Figure S11) are similar to that of compound **1**.

References :

- (1) L. Yuan, C. Qin, X. L Wang, E. B. Wang and Y. G. Li, *Solid. State. Sci.* 2008, **10**, 967.

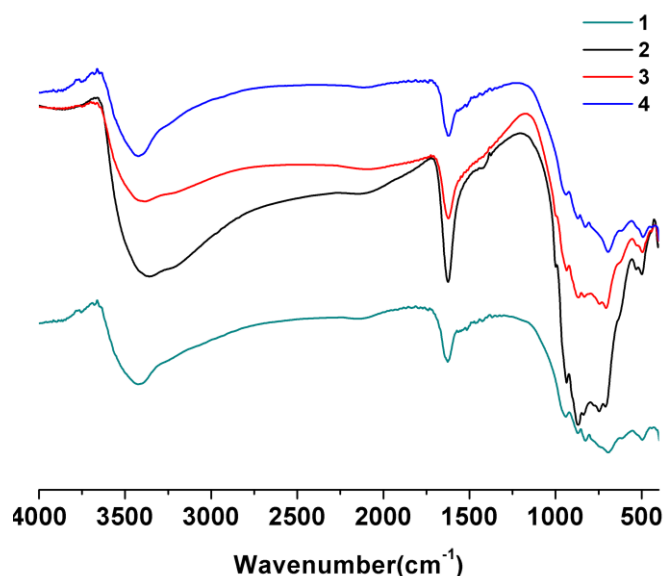


Figure S14. IR spectra of compounds **1**, **2**, **3** and **4**.

Optical Band Gap

To explore conductivity potentials of compounds **1–4**, the measurement of diffuse reflectivity for a powder sample was used to obtain band gap (E_g) (Figure S15), which was determined as the intersection point between the energy axis and the line extrapolated from the linear portion of the adsorption edge in a plot of Kubelka-Munk function F against energy E .¹⁻³ Kubelka–Munk function, $F = (1-R)^2/2R$, was converted from the recorded diffuse reflectance data, where R is the reflectance of an infinitely thick layer at a given wavelength. For compounds **1–4**, the band gap can be assessed at 3.36, 3.56, 3.55, 3.39 eV, respectively. The reflectance spectra reveal the nature of

semiconductivities with a large energy gap for compounds **1–4**.

References :

- (1) J. H. Liao, J. S. Juang and Y. C. Lai, *Cryst. Growth Des.* 2006, **6**, 354;
- (2) Y. Xia, P. F. Wu, Y. G. Wei, Y. Wang and H. Y. Guo, *Cryst. Growth Des.* 2006, **6**, 253;
- (3) L. J. Zhang, Y. G. Wei, C. C. Wang, H. Y. Guo and P. Wang, *J. Solid State Chem.* 2004, **177**, 3433.

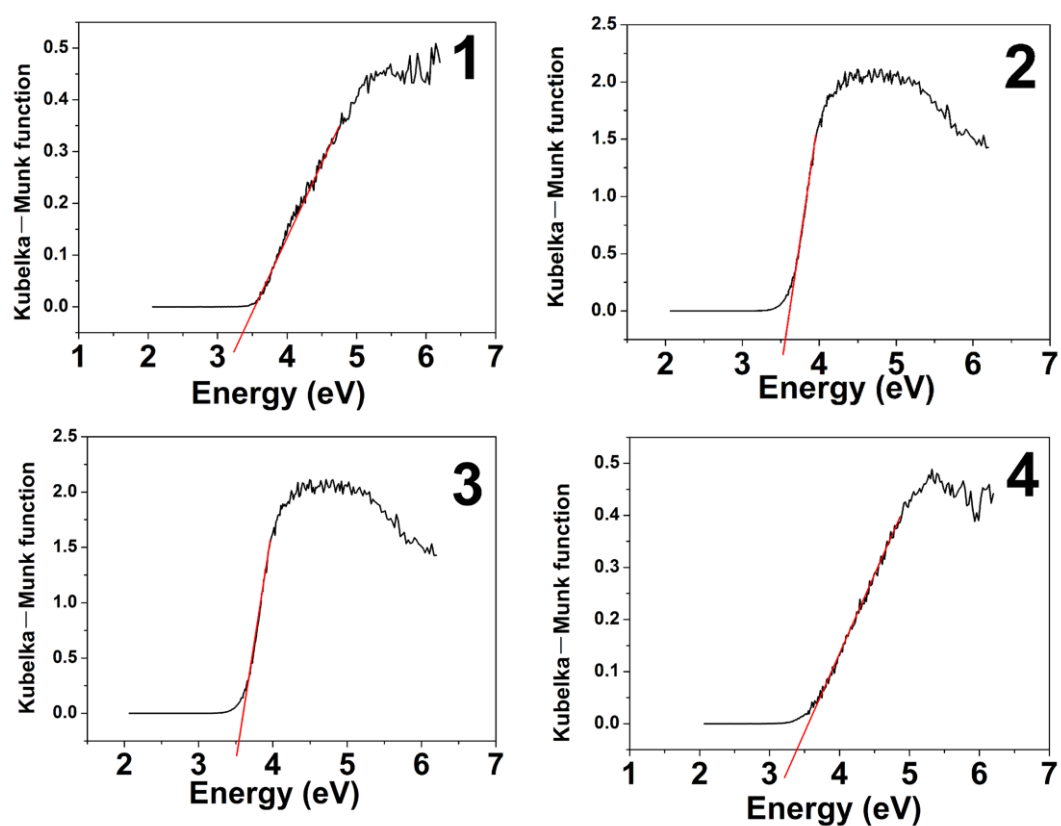


Figure S15. UV-Vis diffuse reflectance spectra of K-M functions versus energy (eV) of the compounds **1–4**

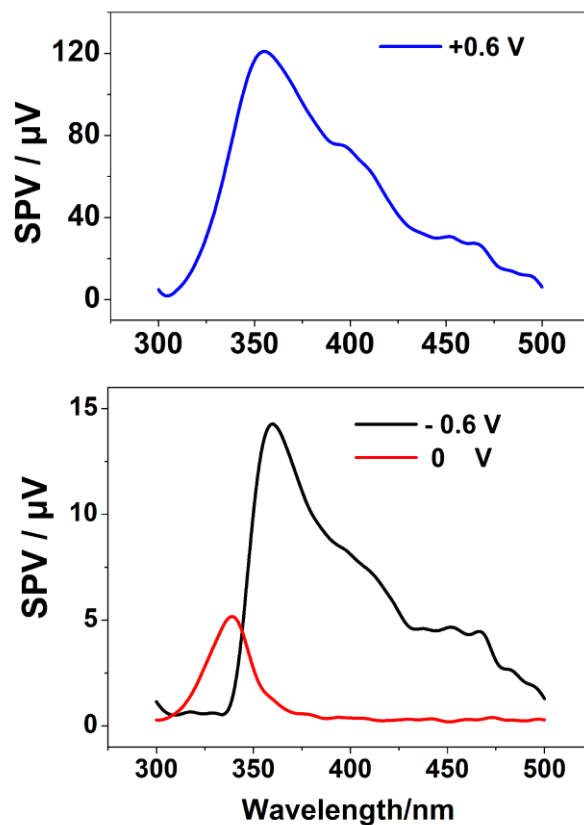


Figure S16. SPS and EISPS of the compound $\text{Na}_{10}[\text{H}_2\text{W}_{12}\text{O}_{42}] \cdot 20\text{H}_2\text{O}$ under zero, positive and negative electric fields.

The $\text{Na}_{10}[\text{H}_2\text{W}_{12}\text{O}_{42}] \cdot 20\text{H}_2\text{O}$ was synthesized according to the literature¹ and characterized by IR spectrum.

Reference:

- (1) H. T. Evans Jr, O. W. Rollins, *Acta Crystallogr. Sect. B.* 1976, **32** 1565.

Thermogravimetric analysis

In order to analyse the thermal stability of the compounds **1-4**, The thermal gravimetric analysis(TGA) were carried out for below 600°C. The TGA curves of **1-4** (Figure S17-S20) show weight loss of 14.33%, 13.11%, 14.78% and 13.75% in the range of 29-422°C, 20-427°C, 42-428°C and 38-424°C, respectively, which are assigned to all the lattice water molecules. They are in good agreement with the calculated value of 14.86%, 12.66%, 14.15% and 13.26% for the compounds **1-4**, respectively. The results of the TGA of the compounds **1-4** agree with those of structural determination.

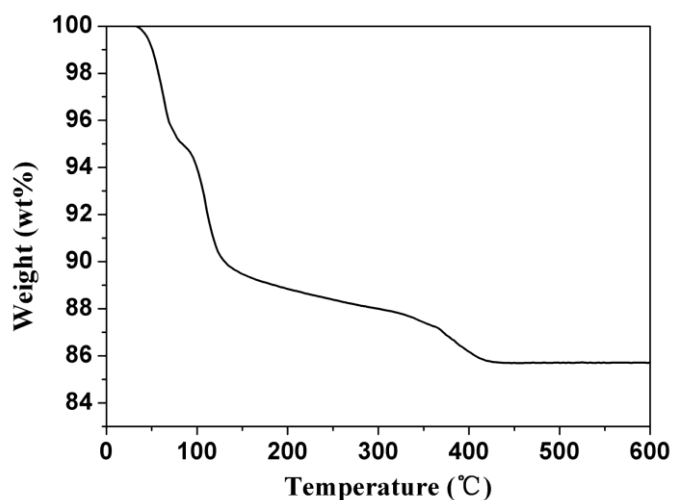


Figure S17. The TG curve of **1**.

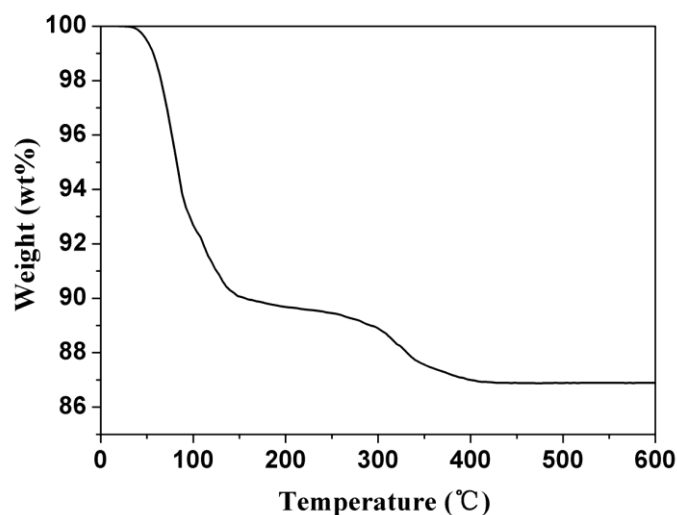


Figure S18. The TG curve of **2**.

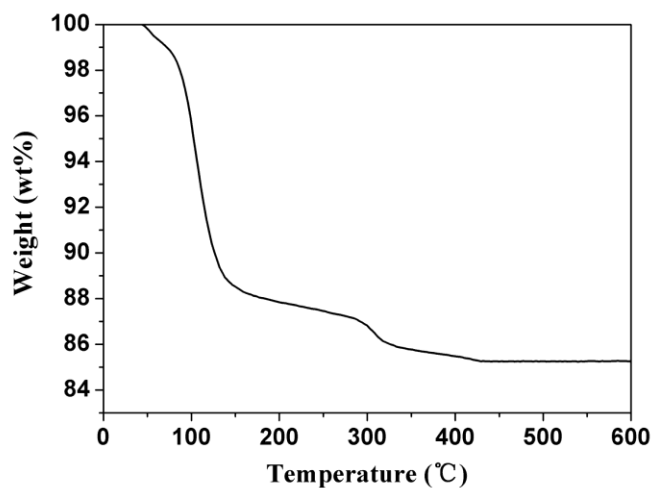


Figure S19. The TG curve of **3**.

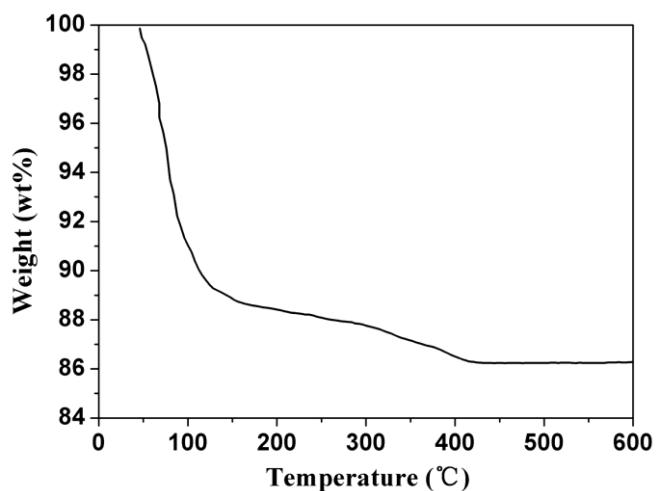


Figure S20. The TG curve of **4**.

Table S1. Selected bond lengths [Å] and bond angles (°) for the compound **1**.

O(1)-W(4)	1.742(11)	O(21)-W(5)	1.752(11)
O(1)-Ca(1)	2.388(11)	O(22)-W(6)	1.876(12)
O(2)-W(4)	1.857(11)	O(22)-W(4)#2	2.234(12)
O(2)-W(2)	1.976(11)	O(22)-W(3)	2.315(11)
O(3)-W(4)	1.761(11)	OW1-Na(2)	2.414(14)
O(3)-Ca(1)#1	2.423(11)	OW1-Na(1)	2.434(14)
O(3)-Na(1)	2.482(13)	OW2-Na(1)	2.349(15)
O(4)-W(1)	1.788(11)	OW2-Na(2)	2.396(14)
O(4)-W(4)	2.217(11)	OW3-Na(1)#1	2.355(13)
O(5)-W(1)	1.936(10)	OW3-Ca(1)	2.400(12)

O(5)-W(5)#2	2.184(11)	OW4-Na(3)	2.353(14)
O(5)-W(3)#2	2.218(12)	OW4-Na(2)#4	2.385(16)
O(6)-W(1)	1.926(11)	OW5-Na(3)	2.462(19)
O(6)-W(6)	1.962(11)	OW5-Na(3)#5	2.546(17)
O(7)-W(2)	1.717(12)	OW6-Na(3)	2.648(16)
O(7)-Na(1)#1	2.425(14)	OW7-Na(3)	2.391(16)
O(8)-W(2)	1.850(12)	OW8-Ca(1)	2.394(13)
O(8)-W(1)#2	2.100(12)	OW9-Ca(1)	2.408(12)
O(9)-W(2)	1.900(11)	OW10-Na(1)	2.433(15)
O(9)-W(6)#2	2.031(11)	OW11-Na(2)	2.558(16)
O(10)-W(5)	1.856(12)	OW12-Na(2)	2.405(15)
O(10)-W(2)	1.934(11)	OW12-Na(3)#6	2.499(17)
O(11)-W(2)#2	2.225(11)	OW14-Ca(1)	2.394(13)
O(11)-W(6)	2.246(10)	Na(1)-OW3#1	2.355(13)
O(11)-W(1)	2.271(11)	Na(1)-O(7)#1	2.425(14)
O(12)-W(5)	1.723(12)	Na(2)-OW4#6	2.385(16)
O(13)-W(6)	1.769(11)	Na(3)-OW12#4	2.499(17)
O(13)-W(5)	2.232(10)	Na(3)-OW5#5	2.546(17)
O(14)-W(3)	1.903(11)	Ca(1)-O(3)#1	2.423(11)
O(14)-W(4)#2	1.966(10)	Ca(1)-O(19)#7	2.442(11)
O(15)-W(3)	1.721(12)	W(1)-O(8)#2	2.100(12)
O(16)-W(3)	1.712(12)	W(2)-O(11)#2	2.225(11)
O(17)-W(3)	1.916(11)	W(3)-O(5)#2	2.218(12)
O(17)-W(5)	1.959(12)	W(4)-O(14)#2	1.966(10)
O(19)-W(6)	1.745(11)	W(4)-O(22)#2	2.234(12)
O(19)-Ca(1)#3	2.442(11)	W(5)-O(5)#2	2.184(11)
O(20)-W(1)	1.709(12)	W(6)-O(9)#2	2.031(11)
O(20)-Na(2)	2.446(14)	W(4)-O(1)-Ca(1)	159.7(6)
W(4)-O(2)-W(2)	148.0(7)	W(1)-O(4)-W(4)	140.5(6)
W(4)-O(3)-Ca(1)#1	132.2(6)	W(1)-O(5)-W(5)#2	138.1(7)
W(4)-O(3)-Na(1)	134.0(6)	W(1)-O(5)-W(3)#2	124.9(6)
Ca(1)#1-O(3)-Na(1)	93.8(4)	W(5)#2-O(5)-W(3)#2	95.9(4)
W(1)-O(6)-W(6)	121.2(5)	OW3#1-Na(1)-Ca(1)#1	41.6(3)
W(2)-O(7)-Na(1)#1	132.2(5)	O(7)#1-Na(1)-Ca(1)#1	108.1(3)
W(2)-O(8)-W(1)#2	115.0(5)	OW10-Na(1)-Ca(1)#1	121.8(4)
W(2)-O(9)-W(6)#2	117.0(5)	OW1-Na(1)-Ca(1)#1	65.6(3)
W(5)-O(10)-W(2)	149.5(7)	O(3)-Na(1)-Ca(1)#1	42.5(3)
W(2)#2-O(11)-W(6)	97.1(4)	Na(2)-Na(1)-Ca(1)#1	107.1(2)
W(2)#2-O(11)-W(1)	95.8(4)	OW4#6-Na(2)-OW2	158.3(6)
W(6)-O(11)-W(1)	97.2(4)	OW4#6-Na(2)-OW12	89.4(5)
W(6)-O(13)-W(5)	138.4(6)	OW2-Na(2)-OW12	94.9(5)
W(3)-O(14)-W(4)#2	118.2(5)	OW4#6-Na(2)-OW1	97.4(5)
W(3)-O(17)-W(5)	115.0(5)	OW2-Na(2)-OW1	85.2(5)
W(6)-O(19)-Ca(1)#3	150.8(7)	OW12-Na(2)-OW1	161.5(6)

W(1)-O(20)-Na(2)	159.2(7)	OW4#6-Na(2)-O(20)	78.1(5)
W(6)-O(22)-W(4)#2	136.9(6)	OW2-Na(2)-O(20)	80.4(5)
W(6)-O(22)-W(3)	127.8(6)	OW12-Na(2)-O(20)	109.5(5)
W(4)#2-O(22)-W(3)	93.7(4)	OW1-Na(2)-O(20)	88.8(5)
Na(2)-OW1-Na(1)	90.3(5)	OW4#6-Na(2)-OW11	97.7(5)
Na(1)-OW2-Na(2)	92.9(5)	OW2-Na(2)-OW11	104.0(6)
Na(1)#1-OW3-Ca(1)	97.7(5)	OW12-Na(2)-OW11	79.3(5)
Na(3)-OW4-Na(2)#4	93.4(5)	OW1-Na(2)-OW11	82.8(5)
Na(3)-OW5-Na(3)#5	89.6(6)	O(20)-Na(2)-OW11	170.1(5)
Na(2)-OW12-Na(3)#6	89.3(5)	OW4#6-Na(2)-Na(1)	142.3(4)
OW2-Na(1)-OW3#1	167.8(6)	OW2-Na(2)-Na(1)	43.0(4)
OW2-Na(1)-O(7)#1	101.8(5)	OW12-Na(2)-Na(1)	127.2(5)
OW3#1-Na(1)-O(7)#1	90.4(5)	OW1-Na(2)-Na(1)	45.1(3)
OW2-Na(1)-OW10	95.9(5)	O(20)-Na(2)-Na(1)	95.1(4)
OW3#1-Na(1)-OW10	85.4(5)	OW11-Na(2)-Na(1)	82.7(4)
O(7)#1-Na(1)-OW10	90.1(5)	OW4#6-Na(2)-Na(3)#6	43.0(3)
OW2-Na(1)-OW1	85.8(5)	OW2-Na(2)-Na(3)#6	136.2(4)
OW3#1-Na(1)-OW1	82.1(5)	OW12-Na(2)-Na(3)#6	46.5(4)
O(7)#1-Na(1)-OW1	172.4(5)	OW1-Na(2)-Na(3)#6	138.3(4)
OW10-Na(1)-OW1	90.0(5)	O(20)-Na(2)-Na(3)#6	93.0(4)
OW2-Na(1)-O(3)	95.8(5)	OW11-Na(2)-Na(3)#6	89.8(4)
OW3#1-Na(1)-O(3)	80.9(4)	Na(1)-Na(2)-Na(3)#6	171.4(3)
O(7)#1-Na(1)-O(3)	98.2(4)	OW4-Na(3)-OW7	167.8(6)
OW10-Na(1)-O(3)	164.0(5)	OW4-Na(3)-OW5	83.8(6)
OW1-Na(1)-O(3)	80.0(4)	OW7-Na(3)-OW5	103.4(6)
OW2-Na(1)-Na(2)	44.1(3)	OW4-Na(3)-OW12#4	87.9(5)
OW3#1-Na(1)-Na(2)	124.6(4)	OW7-Na(3)-OW12#4	82.8(5)
O(7)#1-Na(1)-Na(2)	142.8(4)	OW5-Na(3)-OW12#4	165.0(6)
OW10-Na(1)-Na(2)	81.4(4)	OW4-Na(3)-OW5#5	78.4(5)
OW1-Na(1)-Na(2)	44.6(3)	OW7-Na(3)-OW5#5	111.0(5)
O(3)-Na(1)-Na(2)	99.6(4)	OW5-Na(3)-OW5#5	90.4(6)
OW2-Na(1)-Ca(1)#1	130.7(4)	OW12#4-Na(3)-OW5#5	100.2(6)
OW4-Na(3)-OW6	81.8(5)	O(3)#1-Ca(1)-Na(1)#1	43.7(3)
OW7-Na(3)-OW6	89.0(5)	O(19)#7-Ca(1)-Na(1)#1	97.6(3)
OW5-Na(3)-OW6	84.6(6)	O(1)-Ca(1)-W(4)#1	70.9(3)
OW12#4-Na(3)-OW6	81.8(5)	OW14-Ca(1)-W(4)#1	68.7(3)
OW5#5-Na(3)-OW6	160.0(5)	OW8-Ca(1)-W(4)#1	98.1(4)
OW4-Na(3)-Na(2)#4	43.7(4)	OW3-Ca(1)-W(4)#1	100.3(3)
OW7-Na(3)-Na(2)#4	126.3(5)	OW9-Ca(1)-W(4)#1	152.2(3)
OW5-Na(3)-Na(2)#4	125.9(5)	O(3)#1-Ca(1)-W(4)#1	19.9(3)
OW12#4-Na(3)-Na(2)#4	44.2(4)	O(19)#7-Ca(1)-W(4)#1	132.6(3)
OW5#5-Na(3)-Na(2)#4	90.4(4)	Na(1)#1-Ca(1)-W(4)#1	63.63(13)
OW6-Na(3)-Na(2)#4	77.1(4)	O(20)-W(1)-O(4)	103.1(6)
OW4-Na(3)-Na(3)#5	77.3(4)	O(20)-W(1)-O(6)	100.8(5)

OW7-Na(3)-Na(3)#5	114.8(5)	O(4)-W(1)-O(6)	92.4(5)
OW5-Na(3)-Na(3)#5	46.2(4)	O(20)-W(1)-O(5)	100.9(5)
OW12#4-Na(3)-Na(3)#5	143.3(6)	O(4)-W(1)-O(5)	93.9(5)
OW5#5-Na(3)-Na(3)#5	44.2(4)	O(6)-W(1)-O(5)	155.3(5)
OW6-Na(3)-Na(3)#5	127.7(5)	O(20)-W(1)-O(8)#2	95.8(5)
Na(2)#4-Na(3)-Na(3)#5	114.5(4)	O(4)-W(1)-O(8)#2	161.0(5)
O(1)-Ca(1)-OW14	131.7(4)	O(6)-W(1)-O(8)#2	83.0(5)
O(1)-Ca(1)-OW8	83.1(4)	O(5)-W(1)-O(8)#2	83.3(5)
OW14-Ca(1)-OW8	77.6(5)	O(20)-W(1)-O(11)	165.1(5)
O(1)-Ca(1)-OW3	90.4(4)	O(4)-W(1)-O(11)	89.4(4)
OW14-Ca(1)-OW3	121.7(4)	O(6)-W(1)-O(11)	70.2(4)
OW8-Ca(1)-OW3	157.2(5)	O(5)-W(1)-O(11)	86.0(4)
O(1)-Ca(1)-OW9	81.3(4)	O(8)#2-W(1)-O(11)	71.8(4)
OW14-Ca(1)-OW9	135.9(4)	O(7)-W(2)-O(8)	103.8(5)
OW8-Ca(1)-OW9	79.5(5)	O(7)-W(2)-O(9)	103.7(5)
OW3-Ca(1)-OW9	77.9(4)	O(8)-W(2)-O(9)	91.8(5)
O(1)-Ca(1)-O(3)#1	76.5(4)	O(7)-W(2)-O(10)	101.7(5)
OW14-Ca(1)-O(3)#1	74.6(4)	O(8)-W(2)-O(10)	86.7(5)
OW8-Ca(1)-O(3)#1	118.0(4)	O(9)-W(2)-O(10)	154.1(5)
OW3-Ca(1)-O(3)#1	81.2(4)	O(7)-W(2)-O(2)	99.2(5)
OW9-Ca(1)-O(3)#1	149.3(5)	O(8)-W(2)-O(2)	156.7(5)
O(1)-Ca(1)-O(19)#7	156.5(4)	O(9)-W(2)-O(2)	86.2(4)
OW14-Ca(1)-O(19)#7	68.5(4)	O(10)-W(2)-O(2)	85.1(4)
OW8-Ca(1)-O(19)#7	91.8(4)	O(7)-W(2)-O(11)#2	177.8(4)
OW3-Ca(1)-O(19)#7	85.4(4)	O(8)-W(2)-O(11)#2	77.4(4)
OW9-Ca(1)-O(19)#7	75.2(4)	O(9)-W(2)-O(11)#2	74.3(4)
O(3)#1-Ca(1)-O(19)#7	125.4(4)	O(10)-W(2)-O(11)#2	80.1(4)
O(1)-Ca(1)-Na(1)#1	94.2(3)	O(2)-W(2)-O(11)#2	79.7(5)
OW14-Ca(1)-Na(1)#1	90.8(4)	O(16)-W(3)-O(15)	101.8(6)
OW8-Ca(1)-Na(1)#1	161.2(4)	O(16)-W(3)-O(14)	97.8(5)
OW3-Ca(1)-Na(1)#1	40.7(3)	O(15)-W(3)-O(14)	99.1(5)
OW9-Ca(1)-Na(1)#1	118.5(3)	O(16)-W(3)-O(17)	95.6(5)
O(10)-W(5)-O(13)	83.6(4)	O(3)-W(4)-O(2)	99.0(5)
O(17)-W(5)-O(13)	78.7(4)	O(1)-W(4)-O(14)#2	94.9(5)
O(5)#2-W(5)-O(13)	76.9(4)	O(3)-W(4)-O(14)#2	94.7(5)
O(19)-W(6)-O(13)	102.7(5)	O(2)-W(4)-O(14)#2	156.7(5)
O(19)-W(6)-O(22)	103.2(5)	O(1)-W(4)-O(4)	164.8(5)
O(13)-W(6)-O(22)	94.9(5)	O(3)-W(4)-O(4)	90.6(5)
O(19)-W(6)-O(6)	96.4(5)	O(2)-W(4)-O(4)	84.2(5)
O(13)-W(6)-O(6)	92.4(5)	O(14)#2-W(4)-O(4)	77.0(4)
O(22)-W(6)-O(6)	157.0(5)	O(1)-W(4)-O(22)#2	89.8(5)
O(19)-W(6)-O(9)#2	94.8(5)	O(3)-W(4)-O(22)#2	163.7(5)
O(13)-W(6)-O(9)#2	162.0(4)	O(2)-W(4)-O(22)#2	88.5(5)
O(22)-W(6)-O(9)#2	84.9(5)	O(14)#2-W(4)-O(22)#2	73.8(4)

O(6)-W(6)-O(9)#2	81.6(5)	O(4)-W(4)-O(22)#2	75.7(4)
O(19)-W(6)-O(11)	161.7(4)	O(1)-W(4)-Ca(1)#1	109.0(4)
O(13)-W(6)-O(11)	90.5(4)	O(3)-W(4)-Ca(1)#1	27.9(3)
O(22)-W(6)-O(11)	88.0(4)	O(2)-W(4)-Ca(1)#1	71.2(4)
O(6)-W(6)-O(11)	70.1(4)	O(14)#2-W(4)-Ca(1)#1	120.3(3)
O(9)#2-W(6)-O(11)	71.5(4)	O(4)-W(4)-Ca(1)#1	86.2(3)
O(15)-W(3)-O(17)	101.8(5)	O(22)#2-W(4)-Ca(1)#1	154.2(3)
O(14)-W(3)-O(17)	152.3(5)	O(12)-W(5)-O(21)	102.9(6)
O(16)-W(3)-O(5)#2	163.6(5)	O(12)-W(5)-O(10)	98.6(5)
O(15)-W(3)-O(5)#2	92.6(5)	O(21)-W(5)-O(10)	99.3(5)
O(14)-W(3)-O(5)#2	87.4(4)	O(12)-W(5)-O(17)	96.3(5)
O(17)-W(3)-O(5)#2	73.7(4)	O(21)-W(5)-O(17)	95.0(5)
O(16)-W(3)-O(22)	89.4(5)	O(10)-W(5)-O(17)	156.5(5)
O(15)-W(3)-O(22)	167.3(5)	O(12)-W(5)-O(5)#2	93.1(5)
O(14)-W(3)-O(22)	73.1(4)	O(21)-W(5)-O(5)#2	161.5(5)
O(17)-W(3)-O(22)	82.9(4)	O(10)-W(5)-O(5)#2	87.4(5)
O(5)#2-W(3)-O(22)	77.2(4)	O(17)-W(5)-O(5)#2	73.7(4)
O(1)-W(4)-O(3)	102.9(5)	O(12)-W(5)-O(13)	169.6(5)
O(1)-W(4)-O(2)	100.1(5)	O(21)-W(5)-O(13)	86.7(5)

Symmetry code for 1: #1 -x+2, -y+1, -z; #2 -x+2, -y, -z; #3 x+1/2, -y+1/2, z+1/2; #4 x+1/2, -y+1/2, z-1/2; #5 -x+3, -y+1, -z; #6 x-1/2, -y+1/2, z+1/2; #7 x-1/2, -y+1/2, z-1/2.

Table S2. Selected bond lengths [Å] and bond angles (°) for the compound 2.

W(1)-O(21)	1.735(9)	W(6)-O(9)	1.682(12)
W(1)-O(18)	1.791(8)	W(6)-O(15)	1.773(9)
W(1)-O(1)	1.927(10)	W(6)-O(7)	1.902(9)
W(1)-O(10)	1.954(9)	W(6)-O(10)	1.941(8)
W(1)-O(3)	2.105(9)	W(6)-O(11)	2.080(9)
W(1)-O(6)	2.236(8)	W(6)-O(6)	2.242(9)
W(2)-O(19)	1.709(12)	Sr(1)-O(17)	2.518(11)
W(2)-O(5)	1.745(9)	Sr(1)-O(2W)	2.567(13)
W(2)-O(16)	1.871(10)	Sr(1)-O(12)#2	2.569(10)
W(2)-O(8)	1.952(10)	Sr(1)-O(9)#3	2.573(12)
W(2)-O(15)#1	2.181(8)	Sr(1)-O(5W)	2.579(12)
W(2)-O(1)	2.230(10)	Sr(1)-O(4W)	2.620(12)
W(3)-O(20)	1.734(10)	Sr(1)-O(1W)	2.647(13)
W(3)-O(3)	1.858(9)	Sr(1)-O(3W)	2.728(12)
W(3)-O(11)	1.867(10)	Sr(2)-O(20)#4	2.568(10)
W(3)-O(14)#1	1.941(9)	Sr(2)-O(6W)	2.568(12)

W(3)-O(16)	1.960(11)	Sr(2)-O(7W)	2.576(14)
W(3)-O(6)	2.276(8)	Sr(2)-O(8W)	2.598(14)
W(4)-O(13)	1.716(10)	Sr(2)-O(5)	2.605(10)
W(4)-O(4)	1.723(10)	Sr(2)-O(10W)	2.630(11)
W(4)-O(2)	1.877(10)	Sr(2)-O(13)	2.641(11)
W(4)-O(8)	1.917(10)	Sr(2)-O(9W)	2.668(15)
W(4)-O(1)	2.259(10)	O(7)-W(5)#1	2.197(10)
W(4)-O(7)#1	2.283(8)	O(7)-W(4)#1	2.283(8)
W(5)-O(12)	1.718(11)	O(9)-Sr(1)#5	2.573(12)
W(5)-O(17)	1.747(10)	O(12)-Sr(1)#2	2.569(10)
W(5)-O(14)	1.888(9)	O(14)-W(3)#1	1.941(9)
W(5)-O(2)	2.017(8)	O(15)-W(2)#1	2.181(8)
W(5)-O(7)#1	2.197(10)	O(20)-Sr(2)#6	2.568(10)
W(5)-O(18)	2.226(9)	O(21)-W(1)-O(18)	102.1(4)
O(21)-W(1)-O(1)	101.7(5)	O(10)-W(1)-O(6)	70.5(3)
O(18)-W(1)-O(1)	96.2(4)	O(3)-W(1)-O(6)	72.8(3)
O(21)-W(1)-O(10)	98.7(5)	O(19)-W(2)-O(5)	102.4(5)
O(18)-W(1)-O(10)	91.4(4)	O(19)-W(2)-O(16)	98.8(5)
O(1)-W(1)-O(10)	156.1(4)	O(5)-W(2)-O(16)	97.6(4)
O(21)-W(1)-O(3)	95.2(4)	O(19)-W(2)-O(8)	97.3(5)
O(18)-W(1)-O(3)	162.4(4)	O(5)-W(2)-O(8)	94.6(4)
O(1)-W(1)-O(3)	83.4(4)	O(16)-W(2)-O(8)	157.2(4)
O(10)-W(1)-O(3)	82.6(4)	O(19)-W(2)-O(15)#1	90.6(4)
O(21)-W(1)-O(6)	164.5(4)	O(5)-W(2)-O(15)#1	165.8(4)
O(18)-W(1)-O(6)	89.6(3)	O(16)-W(2)-O(15)#1	86.1(4)
O(1)-W(1)-O(6)	86.9(3)	O(8)-W(2)-O(15)#1	77.8(3)
O(19)-W(2)-O(1)	166.2(4)	O(2)-W(5)-O(7)#1	73.0(3)
O(5)-W(2)-O(1)	88.9(4)	O(12)-W(5)-O(18)	166.1(4)
O(16)-W(2)-O(1)	87.4(4)	O(17)-W(5)-O(18)	88.9(4)
O(8)-W(2)-O(1)	73.6(4)	O(14)-W(5)-O(18)	84.9(4)
O(15)#1-W(2)-O(1)	77.5(3)	O(2)-W(5)-O(18)	78.2(3)
O(20)-W(3)-O(3)	100.1(4)	O(7)#1-W(5)-O(18)	77.0(3)
O(20)-W(3)-O(11)	104.3(4)	O(9)-W(6)-O(15)	104.2(5)
O(3)-W(3)-O(11)	93.2(4)	O(9)-W(6)-O(7)	101.8(4)
O(20)-W(3)-O(14)#1	102.0(4)	O(15)-W(6)-O(7)	94.9(4)
O(3)-W(3)-O(14)#1	157.0(4)	O(9)-W(6)-O(10)	97.9(4)
O(11)-W(3)-O(14)#1	87.6(4)	O(15)-W(6)-O(10)	93.0(4)
O(20)-W(3)-O(16)	99.0(5)	O(7)-W(6)-O(10)	156.3(4)
O(3)-W(3)-O(16)	86.1(4)	O(9)-W(6)-O(11)	93.0(4)
O(11)-W(3)-O(16)	156.5(4)	O(15)-W(6)-O(11)	162.7(5)
O(14)#1-W(3)-O(16)	84.2(4)	O(7)-W(6)-O(11)	83.2(4)
O(20)-W(3)-O(6)	176.5(4)	O(10)-W(6)-O(11)	82.7(3)
O(3)-W(3)-O(6)	76.4(3)	O(9)-W(6)-O(6)	162.7(3)
O(11)-W(3)-O(6)	76.2(4)	O(15)-W(6)-O(6)	89.7(4)

O(14)#1-W(3)-O(6)	81.5(3)	O(7)-W(6)-O(6)	87.1(4)
O(16)-W(3)-O(6)	80.8(3)	O(10)-W(6)-O(6)	70.6(3)
O(13)-W(4)-O(4)	102.6(5)	O(11)-W(6)-O(6)	73.1(4)
O(13)-W(4)-O(2)	96.7(5)	O(17)-Sr(1)-O(2W)	145.8(3)
O(4)-W(4)-O(2)	100.3(5)	O(17)-Sr(1)-O(12)#2	75.4(3)
O(13)-W(4)-O(8)	100.8(4)	O(2W)-Sr(1)-O(12)#2	75.5(4)
O(4)-W(4)-O(8)	96.6(4)	O(17)-Sr(1)-O(9)#3	141.2(3)
O(2)-W(4)-O(8)	152.4(4)	O(2W)-Sr(1)-O(9)#3	68.9(3)
O(13)-W(4)-O(1)	88.1(4)	O(12)#2-Sr(1)-O(9)#3	143.3(3)
O(4)-W(4)-O(1)	166.8(4)	O(17)-Sr(1)-O(5W)	112.0(6)
O(2)-W(4)-O(1)	85.9(4)	O(2W)-Sr(1)-O(5W)	81.0(7)
O(8)-W(4)-O(1)	73.5(4)	O(12)#2-Sr(1)-O(5W)	82.0(4)
O(13)-W(4)-O(7)#1	162.7(5)	O(9)#3-Sr(1)-O(5W)	83.9(5)
O(4)-W(4)-O(7)#1	93.3(4)	O(17)-Sr(1)-O(4W)	83.2(4)
O(2)-W(4)-O(7)#1	73.5(4)	O(2W)-Sr(1)-O(4W)	73.7(5)
O(8)-W(4)-O(7)#1	83.9(3)	O(12)#2-Sr(1)-O(4W)	78.3(4)
O(1)-W(4)-O(7)#1	77.2(3)	O(9)#3-Sr(1)-O(4W)	99.5(4)
O(12)-W(5)-O(17)	103.7(5)	O(5W)-Sr(1)-O(4W)	151.1(6)
O(12)-W(5)-O(14)	98.4(4)	O(17)-Sr(1)-O(1W)	75.7(4)
O(17)-W(5)-O(14)	100.5(4)	O(2W)-Sr(1)-O(1W)	118.2(5)
O(12)-W(5)-O(2)	94.8(4)	O(12)#2-Sr(1)-O(1W)	139.8(4)
O(17)-W(5)-O(2)	93.7(4)	O(9)#3-Sr(1)-O(1W)	68.9(4)
O(14)-W(5)-O(2)	157.6(4)	O(5W)-Sr(1)-O(1W)	135.1(5)
O(12)-W(5)-O(7)#1	89.5(4)	O(4W)-Sr(1)-O(1W)	71.1(4)
O(17)-W(5)-O(7)#1	162.2(3)	O(17)-Sr(1)-O(3W)	81.7(4)
O(14)-W(5)-O(7)#1	89.1(4)	O(2W)-Sr(1)-O(3W)	132.2(5)
O(12)#2-Sr(1)-O(3W)	135.2(4)	O(8W)-Sr(2)-O(9W)	85.0(5)
O(9)#3-Sr(1)-O(3W)	69.8(4)	O(5)-Sr(2)-O(9W)	126.6(3)
O(5W)-Sr(1)-O(3W)	71.7(6)	O(10W)-Sr(2)-O(9W)	72.6(4)
O(4W)-Sr(1)-O(3W)	136.5(5)	O(13)-Sr(2)-O(9W)	72.8(4)
O(1W)-Sr(1)-O(3W)	65.7(5)	W(1)-O(1)-W(2)	137.2(5)
O(20)#4-Sr(2)-O(6W)	101.7(4)	W(1)-O(1)-W(4)	126.1(4)
O(20)#4-Sr(2)-O(7W)	68.9(4)	W(2)-O(1)-W(4)	94.5(4)
O(6W)-Sr(2)-O(7W)	73.1(5)	W(4)-O(2)-W(5)	116.7(4)
O(20)#4-Sr(2)-O(8W)	137.4(4)	W(3)-O(3)-W(1)	115.1(4)
O(6W)-Sr(2)-O(8W)	74.4(4)	W(2)-O(5)-Sr(2)	139.1(6)
O(7W)-Sr(2)-O(8W)	142.1(5)	W(1)-O(6)-W(6)	97.7(3)
O(20)#4-Sr(2)-O(5)	147.7(3)	W(1)-O(6)-W(3)	95.8(3)
O(6W)-Sr(2)-O(5)	76.1(3)	W(6)-O(6)-W(3)	95.3(3)
O(7W)-Sr(2)-O(5)	79.8(4)	W(6)-O(7)-W(5)#1	138.3(5)
O(8W)-Sr(2)-O(5)	73.9(4)	W(6)-O(7)-W(4)#1	125.4(5)
O(20)#4-Sr(2)-O(10W)	71.3(4)	W(5)#1-O(7)-W(4)#1	95.5(3)
O(6W)-Sr(2)-O(10W)	72.0(4)	W(4)-O(8)-W(2)	116.9(5)
O(7W)-Sr(2)-O(10W)	119.0(5)	W(6)-O(9)-Sr(1)#5	155.5(5)

O(8W)-Sr(2)-O(10W)	67.2(4)	W(6)-O(10)-W(1)	120.0(4)
O(5)-Sr(2)-O(10W)	134.7(4)	W(3)-O(11)-W(6)	115.4(5)
O(20)#4-Sr(2)-O(13)	89.3(3)	W(5)-O(12)-Sr(1)#2	161.8(5)
O(6W)-Sr(2)-O(13)	143.4(4)	W(4)-O(13)-Sr(2)	137.8(5)
O(7W)-Sr(2)-O(13)	78.8(4)	W(5)-O(14)-W(3)#1	145.5(6)
O(8W)-Sr(2)-O(13)	119.5(3)	W(6)-O(15)-W(2)#1	139.1(5)
O(5)-Sr(2)-O(13)	76.3(3)	W(2)-O(16)-W(3)	149.1(6)
O(10W)-Sr(2)-O(13)	143.9(4)	W(5)-O(17)-Sr(1)	147.7(4)
O(20)#4-Sr(2)-O(9W)	73.8(4)	W(1)-O(18)-W(5)	139.1(5)
O(6W)-Sr(2)-O(9W)	143.8(4)	W(3)-O(20)-Sr(2)#6	165.3(6)
O(7W)-Sr(2)-O(9W)	132.8(5)		

Symmetry code for **2**: #1 -x+1, -y, -z; #2 -x+1, -y+1, -z; #3 -x+1/2, y+1/2, -z-1/2; #4 -x+1/2, y+1/2, -z+1/2; #5 -x+1/2, y-1/2, -z-1/2; #6 -x+1/2, y-1/2, -z+1/2.

Table S3. Selected bond lengths [Å] and bond angles (°) for the compound **3**.

O(1)-W(1)	1.813(10)	O(11)-W(5)	1.863(11)
O(1)-W(6)	2.156(10)	O(11)-W(2)	2.098(11)
O(2)-W(4)	1.757(13)	O(10W)-Sr(2)	2.725(14)
O(2)-Na(1)	2.442(15)	O(10W)-Sr(1)	2.803(14)
O(1W)-Na(1)#1	2.433(15)	O(12)-W(4)	1.717(11)
O(1W)-Sr(1)	2.709(13)	O(13)-W(6)	1.882(11)
O(3)-W(2)	1.796(11)	O(13)-W(5)	1.960(11)
O(3)-W(3)	2.209(11)	O(14)-W(3)	1.915(10)
O(2W)-Na(1)#1	2.478(17)	O(14)-W(5)#3	1.933(10)
O(2W)-Sr(1)	2.631(13)	O(15)-W(6)	1.740(12)
O(4)-W(1)	1.899(11)	O(15)-Na(1)	2.388(13)
O(4)-W(3)	2.209(12)	O(16)-W(5)	1.858(10)
O(4)-W(4)	2.279(10)	O(16)-W(1)#3	2.067(10)
O(3W)-Sr(1)	2.671(16)	O(17)-W(2)	1.730(12)
O(5)-W(3)	1.730(12)	O(17)-Na(1)#1	2.266(14)
O(5)-Sr(2)#2	2.551(13)	O(18)-W(2)	1.932(11)
O(4W)-Sr(1)	2.594(14)	O(18)-W(1)#3	1.960(10)
O(6)-W(5)	2.232(12)	O(19)-W(3)	1.726(12)
O(6)-W(1)#3	2.249(12)	O(19)-Sr(1)	2.610(12)
O(6)-W(2)	2.284(11)	O(20)-W(5)	1.731(11)
O(5W)-Sr(1)	2.599(12)	O(21)-W(2)	1.919(11)
O(5W)-Sr(2)	2.600(13)	O(21)-W(6)	2.241(11)
O(7)-W(1)	1.748(12)	O(21)-W(4)	2.292(11)
O(7)-Sr(2)#4	2.484(13)	O(21)-Na(1)	2.773(13)
O(6W)-Sr(1)	2.674(14)	Sr(1)-O(9)#5	2.701(13)

O(6W)-Sr(2)	2.735(13)	Sr(2)-O(7)#5	2.484(13)
O(8)-W(4)	1.886(12)	Sr(2)-O(5)#6	2.551(13)
O(8)-W(6)	1.982(11)	W(1)-O(18)#3	1.960(10)
O(7W)-Sr(2)	2.719(18)	W(1)-O(16)#3	2.067(10)
O(9)-W(6)	1.729(13)	W(1)-O(6)#3	2.249(12)
O(9)-Sr(1)#4	2.701(13)	W(5)-O(14)#3	1.933(10)
O(8W)-Sr(2)	2.650(17)	Na(1)-O(17)#1	2.266(14)
O(10)-W(4)	1.918(12)	Na(1)-O(1W)#1	2.433(15)
O(10)-W(3)	1.958(11)	Na(1)-O(2W)#1	2.478(17)
O(9W)-Sr(2)	2.560(16)	W(1)-O(1)-W(6)	138.2(6)
W(4)-O(2)-Na(1)	115.7(7)	W(3)-O(5)-Sr(2)#2	151.2(6)
Na(1)#1-O(1W)-Sr(1)	101.0(5)	W(5)-O(6)-W(1)#3	96.1(5)
W(2)-O(3)-W(3)	139.3(6)	W(5)-O(6)-W(2)	95.6(4)
Na(1)#1-O(2W)-Sr(1)	102.1(5)	W(1)#3-O(6)-W(2)	96.4(5)
W(1)-O(4)-W(3)	138.2(6)	Sr(1)-O(5W)-Sr(2)	103.0(4)
W(1)-O(4)-W(4)	126.0(6)	W(1)-O(7)-Sr(2)#4	152.5(7)
W(3)-O(4)-W(4)	94.9(4)	Sr(1)-O(6W)-Sr(2)	97.6(4)
W(4)-O(8)-W(6)	117.9(5)	O(6W)-Sr(1)-O(1W)	137.0(4)
W(6)-O(9)-Sr(1)#4	149.0(6)	O(9)#5-Sr(1)-O(1W)	66.4(4)
W(4)-O(10)-W(3)	117.1(6)	O(4W)-Sr(1)-O(10W)	135.4(4)
W(5)-O(11)-W(2)	115.2(5)	O(5W)-Sr(1)-O(10W)	67.8(4)
Sr(2)-O(10W)-Sr(1)	94.8(4)	O(19)-Sr(1)-O(10W)	67.0(4)
W(6)-O(13)-W(5)	146.6(7)	O(2W)-Sr(1)-O(10W)	109.8(4)
W(3)-O(14)-W(5)#3	146.3(6)	O(3W)-Sr(1)-O(10W)	69.6(4)
W(6)-O(15)-Na(1)	117.2(6)	O(6W)-Sr(1)-O(10W)	65.4(4)
W(5)-O(16)-W(1)#3	116.2(5)	O(9)#5-Sr(1)-O(10W)	124.7(4)
W(2)-O(17)-Na(1)#1	153.9(7)	O(1W)-Sr(1)-O(10W)	136.5(4)
W(2)-O(18)-W(1)#3	120.5(6)	O(4W)-Sr(1)-Na(1)#1	68.3(4)
W(3)-O(19)-Sr(1)	153.2(6)	O(5W)-Sr(1)-Na(1)#1	120.1(3)
W(2)-O(21)-W(6)	138.7(5)	O(19)-Sr(1)-Na(1)#1	80.7(3)
W(2)-O(21)-W(4)	124.9(5)	O(2W)-Sr(1)-Na(1)#1	37.6(3)
W(6)-O(21)-W(4)	94.0(4)	O(3W)-Sr(1)-Na(1)#1	103.4(3)
W(2)-O(21)-Na(1)	103.2(5)	O(6W)-Sr(1)-Na(1)#1	151.2(3)
W(6)-O(21)-Na(1)	89.1(4)	O(9)#5-Sr(1)-Na(1)#1	88.9(3)
W(4)-O(21)-Na(1)	89.2(4)	O(1W)-Sr(1)-Na(1)#1	36.9(3)
O(4W)-Sr(1)-O(5W)	135.1(5)	O(10W)-Sr(1)-Na(1)#1	142.2(3)
O(4W)-Sr(1)-O(19)	146.9(5)	O(4W)-Sr(1)-Sr(2)	125.8(4)
O(5W)-Sr(1)-O(19)	70.6(4)	O(5W)-Sr(1)-Sr(2)	38.5(3)
O(4W)-Sr(1)-O(2W)	77.5(5)	O(19)-Sr(1)-Sr(2)	87.3(3)
O(5W)-Sr(1)-O(2W)	138.4(4)	O(2W)-Sr(1)-Sr(2)	150.8(3)
O(19)-Sr(1)-O(2W)	70.8(4)	O(3W)-Sr(1)-Sr(2)	97.0(3)
O(4W)-Sr(1)-O(3W)	71.5(4)	O(6W)-Sr(1)-Sr(2)	41.8(3)
O(5W)-Sr(1)-O(3W)	134.4(4)	O(9)#5-Sr(1)-Sr(2)	82.9(3)
O(19)-Sr(1)-O(3W)	106.4(5)	O(1W)-Sr(1)-Sr(2)	122.2(3)

O(2W)-Sr(1)-O(3W)	72.2(5)	O(10W)-Sr(1)-Sr(2)	41.9(3)
O(4W)-Sr(1)-O(6W)	84.8(5)	Na(1)#1-Sr(1)-Sr(2)	158.48(13)
O(5W)-Sr(1)-O(6W)	72.3(4)	O(7)#5-Sr(2)-O(5)#6	95.2(4)
O(19)-Sr(1)-O(6W)	127.6(4)	O(7)#5-Sr(2)-O(9W)	145.8(5)
O(2W)-Sr(1)-O(6W)	147.1(4)	O(5)#6-Sr(2)-O(9W)	104.3(5)
O(3W)-Sr(1)-O(6W)	76.0(5)	O(7)#5-Sr(2)-O(5W)	87.0(4)
O(4W)-Sr(1)-O(9)#5	68.8(4)	O(5)#6-Sr(2)-O(5W)	144.3(4)
O(5W)-Sr(1)-O(9)#5	67.4(4)	O(9W)-Sr(2)-O(5W)	92.8(5)
O(19)-Sr(1)-O(9)#5	123.4(4)	O(7)#5-Sr(2)-O(8W)	74.1(5)
O(2W)-Sr(1)-O(9)#5	125.1(4)	O(5)#6-Sr(2)-O(8W)	79.0(5)
O(3W)-Sr(1)-O(9)#5	130.1(5)	O(9W)-Sr(2)-O(8W)	82.4(5)
O(6W)-Sr(1)-O(9)#5	71.4(4)	O(5W)-Sr(2)-O(8W)	135.0(5)
O(4W)-Sr(1)-O(1W)	88.0(4)	O(7)#5-Sr(2)-O(7W)	75.6(5)
O(5W)-Sr(1)-O(1W)	83.9(4)	O(5)#6-Sr(2)-O(7W)	147.9(5)
O(19)-Sr(1)-O(1W)	72.9(4)	O(9W)-Sr(2)-O(7W)	73.0(5)
O(2W)-Sr(1)-O(1W)	70.4(4)	O(5W)-Sr(2)-O(7W)	66.9(5)
O(3W)-Sr(1)-O(1W)	140.4(4)	O(8W)-Sr(2)-O(7W)	69.0(6)
O(21)-W(2)-O(11)	82.3(5)	O(7)#5-Sr(2)-O(10W)	135.5(4)
O(18)-W(2)-O(11)	81.9(5)	O(5)#6-Sr(2)-O(10W)	85.5(4)
O(17)-W(2)-O(6)	161.8(5)	O(9W)-Sr(2)-O(10W)	74.7(5)
O(3)-W(2)-O(6)	89.9(4)	O(5W)-Sr(2)-O(10W)	69.0(4)
O(21)-W(2)-O(6)	86.3(5)	O(8W)-Sr(2)-O(10W)	148.1(5)
O(18)-W(2)-O(6)	70.7(4)	O(7W)-Sr(2)-O(10W)	122.7(5)
O(11)-W(2)-O(6)	71.8(4)	O(7)#5-Sr(2)-O(6W)	71.5(4)
O(17)-W(2)-Na(1)	64.0(4)	O(5)#6-Sr(2)-O(6W)	75.7(4)
O(3)-W(2)-Na(1)	127.8(4)	O(9W)-Sr(2)-O(6W)	140.2(5)
O(21)-W(2)-Na(1)	46.6(4)	O(5W)-Sr(2)-O(6W)	71.3(4)
O(18)-W(2)-Na(1)	136.5(3)	O(8W)-Sr(2)-O(6W)	134.6(5)
O(11)-W(2)-Na(1)	62.2(3)	O(7W)-Sr(2)-O(6W)	127.3(5)
O(6)-W(2)-Na(1)	115.5(3)	O(10W)-Sr(2)-O(6W)	65.6(4)
O(19)-W(3)-O(5)	101.9(6)	O(7)#5-Sr(2)-Sr(1)	95.0(3)
O(19)-W(3)-O(14)	100.1(5)	O(5)#6-Sr(2)-Sr(1)	106.0(3)
O(5)-W(3)-O(14)	97.4(5)	O(9W)-Sr(2)-Sr(1)	105.8(4)
O(19)-W(3)-O(10)	93.8(5)	O(5W)-Sr(2)-Sr(1)	38.5(3)
O(5)-W(3)-O(10)	97.4(5)	O(8W)-Sr(2)-Sr(1)	168.5(4)
O(14)-W(3)-O(10)	157.2(5)	O(7W)-Sr(2)-Sr(1)	105.4(4)
O(19)-W(3)-O(4)	162.2(5)	O(10W)-Sr(2)-Sr(1)	43.3(3)
O(5)-W(3)-O(4)	92.5(5)	O(6W)-Sr(2)-Sr(1)	40.6(3)
O(14)-W(3)-O(4)	88.3(4)	O(7)-W(1)-O(1)	103.1(5)
O(10)-W(3)-O(4)	73.8(4)	O(7)-W(1)-O(4)	102.5(5)
O(19)-W(3)-O(3)	90.1(5)	O(1)-W(1)-O(4)	94.0(5)
O(5)-W(3)-O(3)	167.7(5)	O(7)-W(1)-O(18)#3	98.7(5)
O(14)-W(3)-O(3)	82.9(4)	O(1)-W(1)-O(18)#3	92.0(5)
O(10)-W(3)-O(3)	79.0(4)	O(4)-W(1)-O(18)#3	156.0(5)

O(4)-W(3)-O(3)	75.2(4)	O(7)-W(1)-O(16)#3	96.5(5)
O(12)-W(4)-O(2)	103.0(6)	O(1)-W(1)-O(16)#3	160.3(4)
O(12)-W(4)-O(8)	97.5(5)	O(4)-W(1)-O(16)#3	84.1(5)
O(2)-W(4)-O(8)	101.2(5)	O(18)#3-W(1)-O(16)#3	82.5(4)
O(12)-W(4)-O(10)	98.2(5)	O(7)-W(1)-O(6)#3	164.9(5)
O(2)-W(4)-O(10)	98.1(5)	O(1)-W(1)-O(6)#3	88.5(5)
O(8)-W(4)-O(10)	151.6(5)	O(4)-W(1)-O(6)#3	86.0(4)
O(12)-W(4)-O(4)	92.3(5)	O(18)#3-W(1)-O(6)#3	71.0(4)
O(2)-W(4)-O(4)	163.4(5)	O(16)#3-W(1)-O(6)#3	71.7(4)
O(8)-W(4)-O(4)	83.0(5)	O(17)-W(2)-O(3)	104.5(5)
O(10)-W(4)-O(4)	72.9(4)	O(17)-W(2)-O(21)	102.9(5)
O(12)-W(4)-O(21)	166.6(5)	O(3)-W(2)-O(21)	95.3(5)
O(2)-W(4)-O(21)	88.7(5)	O(17)-W(2)-O(18)	97.0(5)
O(8)-W(4)-O(21)	73.5(4)	O(3)-W(2)-O(18)	93.8(5)
O(10)-W(4)-O(21)	86.4(4)	O(21)-W(2)-O(18)	155.2(5)
O(4)-W(4)-O(21)	77.0(4)	O(17)-W(2)-O(11)	93.7(5)
O(12)-W(4)-Na(1)	139.8(4)	O(3)-W(2)-O(11)	161.7(4)
O(2)-W(4)-Na(1)	38.0(5)	O(15)-Na(1)-O(1W)#1	87.3(5)
O(8)-W(4)-Na(1)	85.5(4)	O(17)#1-Na(1)-O(2)	88.1(5)
O(10)-W(4)-Na(1)	97.4(4)	O(15)-Na(1)-O(2)	84.4(5)
O(4)-W(4)-Na(1)	127.7(3)	O(1W)#1-Na(1)-O(2)	116.8(5)
O(21)-W(4)-Na(1)	50.9(3)	O(17)#1-Na(1)-O(2W)#1	83.4(5)
O(20)-W(5)-O(16)	101.9(5)	O(15)-Na(1)-O(2W)#1	104.2(5)
O(20)-W(5)-O(11)	101.8(5)	O(1W)#1-Na(1)-O(2W)#1	77.6(5)
O(16)-W(5)-O(11)	92.3(5)	O(2)-Na(1)-O(2W)#1	164.0(6)
O(20)-W(5)-O(14)#3	100.7(5)	O(17)#1-Na(1)-O(21)	112.5(5)
O(16)-W(5)-O(14)#3	87.3(5)	O(15)-Na(1)-O(21)	65.1(4)
O(11)-W(5)-O(14)#3	157.1(4)	O(1W)#1-Na(1)-O(21)	152.2(5)
O(20)-W(5)-O(13)	101.0(5)	O(2)-Na(1)-O(21)	66.1(4)
O(16)-W(5)-O(13)	156.4(5)	O(2W)#1-Na(1)-O(21)	104.8(5)
O(11)-W(5)-O(13)	88.8(5)	O(17)#1-Na(1)-W(6)	151.5(4)
O(14)#3-W(5)-O(13)	82.7(5)	O(15)-Na(1)-W(6)	25.9(3)
O(20)-W(5)-O(6)	177.5(5)	O(1W)#1-Na(1)-W(6)	113.0(4)
O(16)-W(5)-O(6)	75.9(5)	O(2)-Na(1)-W(6)	76.1(3)
O(11)-W(5)-O(6)	77.3(4)	O(2W)#1-Na(1)-W(6)	105.6(4)
O(14)#3-W(5)-O(6)	80.4(4)	O(21)-Na(1)-W(6)	39.3(2)
O(13)-W(5)-O(6)	81.3(5)	O(17)#1-Na(1)-W(4)	101.3(4)
O(9)-W(6)-O(15)	103.0(5)	O(15)-Na(1)-W(4)	72.2(3)
O(9)-W(6)-O(13)	100.3(5)	O(1W)#1-Na(1)-W(4)	136.5(4)
O(15)-W(6)-O(13)	99.0(5)	O(2)-Na(1)-W(4)	26.3(3)
O(9)-W(6)-O(8)	96.0(5)	O(2W)#1-Na(1)-W(4)	143.7(4)
O(15)-W(6)-O(8)	93.9(5)	O(21)-Na(1)-W(4)	39.9(2)
O(13)-W(6)-O(8)	156.4(5)	W(6)-Na(1)-W(4)	55.57(11)
O(9)-W(6)-O(1)	91.1(5)	O(17)#1-Na(1)-W(2)	90.3(4)

O(15)-W(6)-O(1)	164.5(5)	O(15)-Na(1)-W(2)	89.9(4)
O(13)-W(6)-O(1)	84.5(4)	O(1W)#1-Na(1)-W(2)	158.6(4)
O(8)-W(6)-O(1)	78.1(4)	O(2)-Na(1)-W(2)	84.0(4)
O(9)-W(6)-O(21)	164.8(5)	O(2W)#1-Na(1)-W(2)	82.5(3)
O(15)-W(6)-O(21)	88.3(5)	O(21)-Na(1)-W(2)	30.2(2)
O(13)-W(6)-O(21)	87.6(5)	W(6)-Na(1)-W(2)	64.88(13)
O(8)-W(6)-O(21)	73.0(4)	W(4)-Na(1)-W(2)	61.64(12)
O(1)-W(6)-O(21)	76.7(4)	O(17)#1-Na(1)-Sr(1)#1	103.7(4)
O(9)-W(6)-Na(1)	139.5(4)	O(15)-Na(1)-Sr(1)#1	82.9(3)
O(15)-W(6)-Na(1)	36.9(4)	O(1W)#1-Na(1)-Sr(1)#1	42.0(3)
O(13)-W(6)-Na(1)	93.3(4)	O(2)-Na(1)-Sr(1)#1	155.7(4)
O(8)-W(6)-Na(1)	85.2(3)	O(2W)#1-Na(1)-Sr(1)#1	40.4(3)
O(1)-W(6)-Na(1)	128.2(3)	O(21)-Na(1)-Sr(1)#1	125.5(3)
O(21)-W(6)-Na(1)	51.6(3)	W(6)-Na(1)-Sr(1)#1	100.10(18)
O(17)#1-Na(1)-O(15)	172.4(5)	W(4)-Na(1)-Sr(1)#1	155.0(2)
O(17)#1-Na(1)-O(1W)#1	95.2(5)	W(2)-Na(1)-Sr(1)#1	116.6(2)

Symmetry code for **3**: #1 -x+1, -y, -z+1; #2 x, -y+1/2, z-1/2; #3 -x+2, -y, -z+1; #4 x, y, z-1; #5 x, y, z+1; #6 x, -y+1/2, z+1/2.

Table S4. Selected bond lengths [Å] and bond angles (°) for the compound **4**.

O(1)-W(2)	1.767(17)	O(18)-W(2)	1.876(15)
O(1)-Ba(2)#1	2.512(17)	O(18)-W(5)#2	1.986(15)
O(2)-W(5)	1.851(17)	O(19)-W(4)	1.763(17)
O(2)-W(3)	2.123(18)	O(19)-Na(1)#3	2.41(2)
O(3)-W(1)#2	1.789(16)	O(20)-W(6)	1.731(17)
O(3)-W(6)	2.184(16)	O(20)-Na(1)#3	2.43(2)
O(4)-W(5)	1.866(17)	O(21)-W(3)	1.779(16)
O(4)-W(1)	2.073(16)	O(21)-W(2)	2.215(16)
O(5)-W(3)	1.892(16)	OW1-Ba(2)	2.71(2)
O(5)-W(4)	2.274(16)	OW2-Ba(2)	2.56(2)
O(5)-W(6)	2.292(15)	OW4-Na(1)	2.51(2)
O(5)-Na(1)#3	2.76(2)	OW4-Ba(1)#3	2.641(18)
O(6)-W(1)	1.737(16)	OW7-Ba(2)	2.60(2)
O(6)-Ba(2)#4	2.480(16)	OW11-Ba(1)	2.595(18)
O(7)-W(6)	1.756(17)	OW11-Ba(2)	2.620(19)
O(7)-Ba(1)#5	2.698(18)	OW12-Ba(1)	2.688(19)
O(8)-W(2)	1.732(17)	OW12-Ba(2)	2.742(17)
O(8)-Ba(1)#3	2.605(17)	OW13-Ba(2)	2.701(18)
O(9)-W(3)	1.941(16)	OW13-Ba(1)	2.81(2)
O(9)-W(1)	1.968(16)	OW14-Na(1)#3	2.48(2)

O(10)-W(6)	1.911(17)	OW14-Ba(1)	2.676(19)
O(10)-W(5)	1.921(16)	OW15-Ba(1)	2.517(19)
O(11)-W(3)	1.716(17)	OW16-Ba(1)	2.63(2)
O(11)-Na(1)	2.27(2)	Ba(1)-O(8)#3	2.605(17)
O(12)-W(1)	1.881(15)	Ba(1)-OW4#3	2.641(18)
O(12)-W(2)#2	2.215(15)	Ba(1)-O(7)#5	2.698(18)
O(12)-W(4)#2	2.285(15)	Ba(2)-O(6)#6	2.480(16)
O(13)-W(4)	1.926(17)	Ba(2)-O(1)#7	2.512(17)
O(13)-W(2)	1.974(16)	W(1)-O(3)#2	1.789(16)
O(14)-W(4)	1.767(19)	W(2)-O(12)#2	2.215(15)
O(15)-W(4)	1.912(16)	W(4)-O(12)#2	2.285(15)
O(15)-W(6)	1.955(16)	W(5)-O(18)#2	1.986(15)
O(16)-W(5)	1.740(17)	Na(1)-O(19)#3	2.41(2)
O(17)-W(5)	2.244(16)	Na(1)-O(20)#3	2.43(2)
O(17)-W(1)	2.249(16)	Na(1)-OW14#3	2.48(2)
O(17)-W(3)	2.257(15)	Na(1)-O(5)#3	2.76(2)
W(2)-O(1)-Ba(2)#1	153.3(10)	W(4)-O(5)-W(6)	92.9(6)
W(5)-O(2)-W(3)	114.2(8)	W(3)-O(5)-Na(1)#3	103.4(7)
W(1)#2-O(3)-W(6)	138.0(8)	W(4)-O(5)-Na(1)#3	89.9(6)
W(5)-O(4)-W(1)	115.7(8)	W(6)-O(5)-Na(1)#3	89.3(6)
W(3)-O(5)-W(4)	127.1(8)	W(1)-O(6)-Ba(2)#4	153.9(9)
W(3)-O(5)-W(6)	137.3(8)	W(6)-O(7)-Ba(1)#5	149.8(9)
W(2)-O(8)-Ba(1)#3	153.6(10)	O(8)#3-Ba(1)-O(7)#5	124.0(6)
W(3)-O(9)-W(1)	119.7(8)	OW16-Ba(1)-O(7)#5	127.7(7)
W(6)-O(10)-W(5)	146.4(9)	OW4#3-Ba(1)-O(7)#5	124.7(5)
W(3)-O(11)-Na(1)	154.7(10)	OW14-Ba(1)-O(7)#5	65.8(5)
W(1)-O(12)-W(2)#2	138.2(8)	OW12-Ba(1)-O(7)#5	71.0(5)
W(1)-O(12)-W(4)#2	126.4(8)	OW15-Ba(1)-OW13	136.5(6)
W(2)#2-O(12)-W(4)#2	94.6(6)	OW11-Ba(1)-OW13	67.8(6)
W(4)-O(13)-W(2)	116.1(8)	O(8)#3-Ba(1)-OW13	66.6(5)
W(4)-O(15)-W(6)	117.7(8)	OW16-Ba(1)-OW13	70.5(7)
W(5)-O(17)-W(1)	95.9(6)	OW4#3-Ba(1)-OW13	110.6(5)
W(5)-O(17)-W(3)	95.8(6)	OW14-Ba(1)-OW13	137.0(6)
W(1)-O(17)-W(3)	97.2(6)	OW12-Ba(1)-OW13	65.3(5)
W(2)-O(18)-W(5)#2	145.7(9)	O(7)#5-Ba(1)-OW13	124.4(5)
W(4)-O(19)-Na(1)#3	116.6(9)	OW15-Ba(1)-Na(1)#3	66.4(5)
W(6)-O(20)-Na(1)#3	117.1(9)	OW11-Ba(1)-Na(1)#3	120.1(5)
W(3)-O(21)-W(2)	140.4(9)	O(8)#3-Ba(1)-Na(1)#3	81.9(4)
Na(1)-OW4-Ba(1)#3	102.1(7)	OW16-Ba(1)-Na(1)#3	104.0(6)
Ba(1)-OW11-Ba(2)	102.7(6)	OW4#3-Ba(1)-Na(1)#3	37.7(5)
Ba(1)-OW12-Ba(2)	97.2(6)	OW14-Ba(1)-Na(1)#3	37.3(5)
Ba(2)-OW13-Ba(1)	95.2(6)	OW12-Ba(1)-Na(1)#3	150.2(4)
Na(1)#3-OW14-Ba(1)	101.9(7)	O(7)#5-Ba(1)-Na(1)#3	88.4(4)
OW15-Ba(1)-OW11	135.1(6)	OW13-Ba(1)-Na(1)#3	143.3(4)

OW15-Ba(1)-O(8)#3	146.1(7)	OW15-Ba(1)-Ba(2)	126.9(5)
OW11-Ba(1)-O(8)#3	70.8(6)	OW11-Ba(1)-Ba(2)	38.9(4)
OW15-Ba(1)-OW16	70.7(7)	O(8)#3-Ba(1)-Ba(2)	86.9(4)
OW11-Ba(1)-OW16	134.6(7)	OW16-Ba(1)-Ba(2)	96.4(5)
O(8)#3-Ba(1)-OW16	108.1(7)	OW4#3-Ba(1)-Ba(2)	151.2(4)
OW15-Ba(1)-OW4#3	76.0(6)	OW14-Ba(1)-Ba(2)	122.2(4)
OW11-Ba(1)-OW4#3	138.9(6)	OW12-Ba(1)-Ba(2)	41.9(4)
O(8)#3-Ba(1)-OW4#3	71.6(5)	O(7)#5-Ba(1)-Ba(2)	83.1(4)
OW16-Ba(1)-OW4#3	73.4(7)	OW13-Ba(1)-Ba(2)	41.3(4)
OW15-Ba(1)-OW14	86.4(6)	Na(1)#3-Ba(1)-Ba(2)	158.9(2)
OW11-Ba(1)-OW14	83.5(6)	O(6)#6-Ba(2)-O(1)#7	97.8(5)
O(8)#3-Ba(1)-OW14	74.2(6)	O(6)#6-Ba(2)-OW2	145.3(7)
OW16-Ba(1)-OW14	141.3(7)	O(1)#7-Ba(2)-OW2	101.5(7)
OW4#3-Ba(1)-OW14	71.0(6)	O(6)#6-Ba(2)-OW7	73.7(6)
OW15-Ba(1)-OW12	85.7(6)	O(1)#7-Ba(2)-OW7	78.0(6)
OW11-Ba(1)-OW12	72.4(6)	OW2-Ba(2)-OW7	82.5(7)
O(8)#3-Ba(1)-OW12	127.4(5)	O(6)#6-Ba(2)-OW11	86.5(6)
OW16-Ba(1)-OW12	74.5(7)	O(1)#7-Ba(2)-OW11	143.5(6)
OW4#3-Ba(1)-OW12	146.8(6)	OW2-Ba(2)-OW11	94.4(7)
OW14-Ba(1)-OW12	136.0(6)	OW7-Ba(2)-OW11	137.1(6)
OW15-Ba(1)-O(7)#5	68.7(6)	O(6)#6-Ba(2)-OW13	136.0(5)
OW11-Ba(1)-O(7)#5	67.3(6)	O(1)#7-Ba(2)-OW13	83.4(6)
OW2-Ba(2)-OW13	75.1(7)	O(18)-W(2)-O(13)	157.9(7)
OW7-Ba(2)-OW13	147.3(6)	O(8)-W(2)-O(12)#2	162.8(7)
OW11-Ba(2)-OW13	69.2(6)	O(1)-W(2)-O(12)#2	91.5(7)
O(6)#6-Ba(2)-OW1	73.8(6)	O(18)-W(2)-O(12)#2	89.1(6)
O(1)#7-Ba(2)-OW1	148.5(7)	O(13)-W(2)-O(12)#2	74.2(6)
OW2-Ba(2)-OW1	74.6(7)	O(8)-W(2)-O(21)	89.9(7)
OW7-Ba(2)-OW1	70.5(7)	O(1)-W(2)-O(21)	167.1(7)
OW11-Ba(2)-OW1	67.5(7)	O(18)-W(2)-O(21)	84.2(6)
OW13-Ba(2)-OW1	124.0(6)	O(13)-W(2)-O(21)	77.7(6)
O(6)#6-Ba(2)-OW12	71.5(5)	O(12)#2-W(2)-O(21)	75.6(6)
O(1)#7-Ba(2)-OW12	76.0(6)	O(11)-W(3)-O(21)	103.4(7)
OW2-Ba(2)-OW12	141.2(7)	O(11)-W(3)-O(5)	101.5(7)
OW7-Ba(2)-OW12	132.6(6)	O(21)-W(3)-O(5)	95.2(7)
OW11-Ba(2)-OW12	71.1(6)	O(11)-W(3)-O(9)	97.2(7)
OW13-Ba(2)-OW12	66.1(5)	O(21)-W(3)-O(9)	93.9(7)
OW1-Ba(2)-OW12	126.7(6)	O(5)-W(3)-O(9)	156.7(7)
O(6)#6-Ba(2)-Ba(1)	95.3(4)	O(11)-W(3)-O(2)	93.5(7)
O(1)#7-Ba(2)-Ba(1)	105.1(4)	O(21)-W(3)-O(2)	163.0(7)
OW2-Ba(2)-Ba(1)	106.9(6)	O(5)-W(3)-O(2)	83.3(7)
OW7-Ba(2)-Ba(1)	169.0(5)	O(9)-W(3)-O(2)	81.8(7)
OW11-Ba(2)-Ba(1)	38.4(4)	O(11)-W(3)-O(17)	162.3(7)
OW13-Ba(2)-Ba(1)	43.4(4)	O(21)-W(3)-O(17)	90.8(6)

OW1-Ba(2)-Ba(1)	105.9(5)	O(5)-W(3)-O(17)	87.5(6)
OW12-Ba(2)-Ba(1)	40.9(4)	O(9)-W(3)-O(17)	71.0(6)
O(6)-W(1)-O(3)#2	103.2(7)	O(2)-W(3)-O(17)	72.3(6)
O(6)-W(1)-O(12)	102.5(7)	O(11)-W(3)-Na(1)#3	63.1(6)
O(3)#2-W(1)-O(12)	94.4(7)	O(21)-W(3)-Na(1)#3	127.5(6)
O(6)-W(1)-O(9)	98.0(7)	O(5)-W(3)-Na(1)#3	46.6(5)
O(3)#2-W(1)-O(9)	91.5(7)	O(9)-W(3)-Na(1)#3	136.1(5)
O(12)-W(1)-O(9)	156.7(7)	O(2)-W(3)-Na(1)#3	62.4(5)
O(6)-W(1)-O(4)	96.1(7)	O(17)-W(3)-Na(1)#3	116.1(4)
O(3)#2-W(1)-O(4)	160.5(7)	O(19)-W(4)-O(14)	103.6(9)
O(12)-W(1)-O(4)	84.4(7)	O(19)-W(4)-O(15)	100.1(8)
O(9)-W(1)-O(4)	82.7(7)	O(14)-W(4)-O(15)	97.0(8)
O(6)-W(1)-O(17)	164.4(6)	O(19)-W(4)-O(13)	97.2(8)
O(3)#2-W(1)-O(17)	88.2(6)	O(14)-W(4)-O(13)	99.6(8)
O(12)-W(1)-O(17)	86.9(6)	O(15)-W(4)-O(13)	152.5(7)
O(9)-W(1)-O(17)	70.8(6)	O(19)-W(4)-O(5)	87.5(7)
O(4)-W(1)-O(17)	72.3(6)	O(14)-W(4)-O(5)	167.3(7)
O(8)-W(2)-O(1)	102.6(8)	O(15)-W(4)-O(5)	74.7(6)
O(8)-W(2)-O(18)	98.8(8)	O(13)-W(4)-O(5)	84.9(6)
O(1)-W(2)-O(18)	96.8(8)	O(19)-W(4)-O(12)#2	162.3(7)
O(8)-W(2)-O(13)	93.9(8)	O(14)-W(4)-O(12)#2	92.8(7)
O(1)-W(2)-O(13)	98.0(8)	O(15)-W(4)-O(12)#2	84.0(6)
O(13)-W(4)-O(12)#2	73.5(6)	O(11)-Na(1)-O(19)#3	90.1(7)
O(5)-W(4)-O(12)#2	77.0(6)	O(11)-Na(1)-O(20)#3	174.1(8)
O(19)-W(4)-Na(1)#3	37.2(7)	O(19)#3-Na(1)-O(20)#3	84.3(7)
O(14)-W(4)-Na(1)#3	139.6(6)	O(11)-Na(1)-OW14#3	94.0(7)
O(15)-W(4)-Na(1)#3	85.3(5)	O(19)#3-Na(1)-OW14#3	116.6(8)
O(13)-W(4)-Na(1)#3	95.9(5)	O(20)#3-Na(1)-OW14#3	86.7(7)
O(5)-W(4)-Na(1)#3	50.5(4)	O(11)-Na(1)-OW4	82.9(7)
O(12)#2-W(4)-Na(1)#3	127.4(5)	O(19)#3-Na(1)-OW4	165.7(9)
O(16)-W(5)-O(2)	102.7(8)	O(20)#3-Na(1)-OW4	103.0(7)
O(16)-W(5)-O(4)	101.7(8)	OW14#3-Na(1)-OW4	76.5(7)
O(2)-W(5)-O(4)	92.2(7)	O(11)-Na(1)-O(5)#3	113.8(7)
O(16)-W(5)-O(10)	100.2(7)	O(19)#3-Na(1)-O(5)#3	65.6(6)
O(2)-W(5)-O(10)	90.0(7)	O(20)#3-Na(1)-O(5)#3	65.6(6)
O(4)-W(5)-O(10)	156.9(7)	OW14#3-Na(1)-O(5)#3	152.2(7)
O(16)-W(5)-O(18)#2	98.4(7)	OW4-Na(1)-O(5)#3	105.9(7)
O(2)-W(5)-O(18)#2	158.7(7)	O(11)-Na(1)-W(6)#3	153.5(6)
O(4)-W(5)-O(18)#2	86.5(7)	O(19)#3-Na(1)-W(6)#3	75.6(5)
O(10)-W(5)-O(18)#2	83.2(7)	O(20)#3-Na(1)-W(6)#3	25.6(4)
O(16)-W(5)-O(17)	177.9(7)	OW14#3-Na(1)-W(6)#3	112.2(5)
O(2)-W(5)-O(17)	77.6(6)	OW4-Na(1)-W(6)#3	105.7(5)
O(4)-W(5)-O(17)	76.2(6)	O(5)#3-Na(1)-W(6)#3	40.0(4)
O(10)-W(5)-O(17)	81.8(6)	O(11)-Na(1)-W(4)#3	103.4(5)

O(18)#2-W(5)-O(17)	81.4(6)	O(19)#3-Na(1)-W(4)#3	26.2(4)
O(20)-W(6)-O(7)	102.3(8)	O(20)#3-Na(1)-W(4)#3	72.2(5)
O(20)-W(6)-O(10)	97.5(8)	OW14#3-Na(1)-W(4)#3	136.1(7)
O(7)-W(6)-O(10)	101.7(8)	OW4-Na(1)-W(4)#3	144.7(6)
O(20)-W(6)-O(15)	94.2(8)	O(5)#3-Na(1)-W(4)#3	39.6(4)
O(7)-W(6)-O(15)	94.6(7)	W(6)#3-Na(1)-W(4)#3	55.28(16)
O(10)-W(6)-O(15)	157.4(7)	O(11)-Na(1)-W(3)#3	91.8(6)
O(20)-W(6)-O(3)	164.6(7)	O(19)#3-Na(1)-W(3)#3	84.3(5)
O(7)-W(6)-O(3)	92.2(7)	O(20)#3-Na(1)-W(3)#3	89.6(5)
O(10)-W(6)-O(3)	84.7(6)	OW14#3-Na(1)-W(3)#3	158.2(6)
O(15)-W(6)-O(3)	79.1(6)	OW4-Na(1)-W(3)#3	83.5(6)
O(20)-W(6)-O(5)	87.9(7)	O(5)#3-Na(1)-W(3)#3	29.9(4)
O(7)-W(6)-O(5)	165.0(7)	W(6)#3-Na(1)-W(3)#3	65.0(2)
O(10)-W(6)-O(5)	87.6(6)	W(4)#3-Na(1)-W(3)#3	61.9(2)
O(15)-W(6)-O(5)	73.5(6)	O(11)-Na(1)-Ba(1)#3	102.3(5)
O(3)-W(6)-O(5)	76.9(6)	O(19)#3-Na(1)-Ba(1)#3	154.2(7)
O(20)-W(6)-Na(1)#3	37.3(6)	O(20)#3-Na(1)-Ba(1)#3	82.1(5)
O(7)-W(6)-Na(1)#3	139.0(6)	OW14#3-Na(1)-Ba(1)#3	40.8(5)
O(10)-W(6)-Na(1)#3	92.7(5)	OW4-Na(1)-Ba(1)#3	40.2(4)
O(15)-W(6)-Na(1)#3	84.9(5)	O(5)#3-Na(1)-Ba(1)#3	126.5(5)
O(3)-W(6)-Na(1)#3	127.5(4)	W(6)#3-Na(1)-Ba(1)#3	99.9(3)
O(5)-W(6)-Na(1)#3	50.6(4)	W(4)#3-Na(1)-Ba(1)#3	154.3(3)
W(3)#3-Na(1)-Ba(1)#3	117.4(3)		

Symmetry code for 4: #1 -x, y-1/2, -z+3/2; #2 -x+1, -y, -z+2; #3 -x, -y, -z+2; #4 x+1, y, z+1; #5 -x, -y, -z+1; #6 x-1, y, z-1; #7 -x, y+1/2, -z+3/2.