

Inorganic Chemistry

including bioinorganic chemistry

Inorg. Chem., 1998, 37(19), 4764-4774, DOI:[10.1021/ic980102e](https://doi.org/10.1021/ic980102e)

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Table S1. Least-Squares Planes for Rb(4)Mo(6)Te(2)O(24).6H(2)O

Orthonormal Equation of Plane 1

$$0.6168 X + 0.5395 Y + -0.5732 Z - -8.6842 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Crystallographic Equation of Plane

$$6.2023 X + 5.3284 Y + -11.7853 Z - -8.6842 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Atom	X	Y	Z	Distance	Esd
MO1	-2.5655	2.4169	14.6675	-0.0020 +- 0.0000	
MO2	1.9016	-0.0523	17.1500	-0.0020 +- 0.0000	
MO3	-0.3122	2.3665	17.0377	0.0020 +- 0.0000	
MO1'	1.8723	-2.4169	14.8862	0.0020 +- 0.0000	
MO2'	-2.5949	0.0523	12.4037	0.0020 +- 0.0000	
MO3'	-0.3811	-2.3665	12.5160	-0.0020 +- 0.0000	

Chi Squared = 0.0

Orthonormal Equation of Plane 2

$$0.6141 X + 0.5400 Y + -0.5756 Z - -9.8259 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Crystallographic Equation of Plane

$$6.1761 X + 5.3332 Y + -11.8059 Z - -9.8259 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Atom	X	Y	Z	Distance	Esd
O1	-1.6882	0.7971	16.0846	-0.0381 +- 0.0000	
O4	-3.4704	0.9107	13.8873	0.1934 +- 0.0000	
O7	-3.7577	2.7833	15.8467	-0.0997 +- 0.0000	
O5	0.3791	0.8198	17.9406	0.1756 +- 0.0000	
O12	-1.5437	2.8090	18.1371	-0.0444 +- 0.0000	
O9	2.1246	-1.2267	18.3617	-0.0999 +- 0.0000	
O2'	0.3135	-1.3334	16.1526	0.0017 +- 0.0000	
O6'	0.3228	-3.2011	14.1030	0.1786 +- 0.0000	
O8'	2.1305	-3.5784	16.1171	-0.0742 +- 0.0000	
O3'	-1.7310	-1.3166	14.0735	-0.0482 +- 0.0000	
O11'	-1.6223	-3.4846	12.1820	-0.0634 +- 0.0000	
O10'	-3.8068	-1.1122	12.1082	-0.0815 +- 0.0000	

Chi Squared = 0.0

Orthonormal Equation of Plane 3

$$0.6141 X + 0.5400 Y + -0.5756 Z - -7.6097 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Crystallographic Equation of Plane

$$6.1761 X + 5.3332 Y + -11.8059 Z - -7.6097 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Atom	X	Y	Z	Distance	Esd
O8	-2.8238	3.5784	13.4366	0.0742 +- 0.0000	
O2	-1.0068	1.3334	13.4011	-0.0017 +- 0.0000	
O6	-1.0161	3.2011	15.4507	-0.1786 +- 0.0000	
O1'	0.9949	-0.7971	13.4691	0.0381 +- 0.0000	
O3	1.0377	1.3166	15.4802	0.0482 +- 0.0000	
O10	3.1135	1.1122	17.4455	0.0815 +- 0.0000	
O4'	2.7771	-0.9107	15.6664	-0.1934 +- 0.0000	
O7'	3.0644	-2.7833	13.7070	0.0997 +- 0.0000	
O11	0.9290	3.4846	17.3717	0.0634 +- 0.0000	
O12'	0.8505	-2.8090	11.4166	0.0444 +- 0.0000	
O5'	-1.0724	-0.8198	11.6131	-0.1756 +- 0.0000	
O9'	-2.8179	1.2267	11.1920	0.0999 +- 0.0000	

Chi Squared = 0.0

Dihedral Angles Between Planes:

Plane No.	Plane No.	Dihedral Angle
1	2	0.20 +- 0.00
1	3	0.20 +- 0.00
2	3	0.02 +- 0.00

Table S2. Least-Squares Planes for K(4)Mo(6)Te(2)O(24).6H(2)O.

Orthonormal Equation of Plane 1

$$0.6110 X + 0.5392 Y + -0.5796 Z - -8.3666 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Crystallographic Equation of Plane

$$6.0355 X + 5.2427 Y + -11.3843 Z - -8.3666 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Atom	X	Y	Z	Distance	Esd
MO1	-2.1776	2.3745	14.3588	-0.0061 +- 0.0000	
MO2	2.3020	0.0156	16.8868	-0.0061 +- 0.0000	
MO3	0.0709	2.3891	16.7214	0.0062 +- 0.0000	
MO1'	2.3082	-2.3745	14.6488	0.0061 +- 0.0000	
MO2'	-2.1713	-0.0156	12.1208	0.0061 +- 0.0000	
MO3'	0.0598	-2.3891	12.2862	-0.0062 +- 0.0000	

Chi Squared = 0.0

Orthonormal Equation of Plane 2

$$0.6058 X + 0.5427 Y + -0.5818 Z - -9.5064 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Crystallographic Equation of Plane

$$5.9838 X + 5.2772 Y + -11.3903 Z - -9.5064 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Atom	X	Y	Z	Distance	Esd
O1	-1.2861	0.7789	15.7946	-0.0390 +- 0.0000	
O4	-3.0596	0.8440	13.6031	0.1970 +- 0.0000	
O7	-3.3709	2.7197	15.5350	-0.0976 +- 0.0000	
O5	0.7685	0.8664	17.6642	0.1655 +- 0.0000	
O12	-1.1985	2.8043	17.7976	-0.0520 +- 0.0000	
O9	2.5668	-1.1406	18.1065	-0.0918 +- 0.0000	
O2'	0.7526	-1.2952	15.8889	0.0155 +- 0.0000	
O6'	0.7683	-3.1951	13.8816	0.1617 +- 0.0000	
O8'	2.5968	-3.5209	15.8831	-0.0719 +- 0.0000	
O3'	-1.2990	-1.3496	13.8018	-0.0426 +- 0.0000	
O11'	-1.1646	-3.5325	11.9439	-0.0651 +- 0.0000	
O10'	-3.3797	-1.1960	11.8424	-0.0797 +- 0.0000	

Chi Squared = 0.0

Orthonormal Equation of Plane 3

$$0.6061 X + 0.5470 Y + -0.5774 Z - -7.2315 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Crystallographic Equation of Plane

$$5.9872 X + 5.3192 Y + -11.3279 Z - -7.2315 = 0$$

$$0.0000 \quad 0.0000 \quad 0.0000 \quad 0.0000$$

Atom	X	Y	Z	Distance	Esd
O8	-2.4661	3.5209	13.1245	0.0853 +- 0.0000	
O2	-0.6220	1.2952	13.1187	-0.0112 +- 0.0000	
O6	-0.6376	3.1951	15.1260	-0.1402 +- 0.0000	
O1'	1.4167	-0.7789	13.2130	0.0355 +- 0.0000	
O3	1.4296	1.3496	15.2058	0.0572 +- 0.0000	
O10	3.5103	1.1960	17.1652	0.1030 +- 0.0000	
O4'	3.1902	-0.8440	15.4045	-0.1904 +- 0.0000	
O7'	3.5016	-2.7197	13.4726	0.0876 +- 0.0000	
O1'	1.4167	-0.7789	13.2130	0.0355 +- 0.0000	
O12'	1.3292	-2.8043	11.2100	0.0309 +- 0.0000	
O5'	-0.6379	-0.8664	11.3434	-0.1783 +- 0.0000	
O9'	-2.4361	1.1406	10.9011	0.0850 +- 0.0000	

Chi Squared = 0.0

Dihedral Angles Between Planes:

Plane No.	Plane No.	Dihedral Angle
1	2	0.38 +- 0.00
1	3	0.55 +- 0.00
2	3	0.35 +- 0.00