

Molecular Origami of Mn(tetrahydrofuran)6²⁺

given information

ElementNames	[(Mn) (O) (O) (O) (O) (O) (O)]	
distance	218.363	Mn ¹ -O ⁵
distance	218.363	Mn ¹ -O ²
distance	219.182	Mn ¹ -O ⁶
distance	219.182	Mn ¹ -O ³
distance	219.555	Mn ¹ -O ⁴
distance	219.555	Mn ¹ -O ¹
angle	89.310	O ⁴ -Mn ¹ -O ³
	308.4	O ⁴ -O ³
angle	89.310	O ⁶ -Mn ¹ -O ¹
	308.4	O ⁶ -O ¹
angle	89.825	O ⁶ -Mn ¹ -O ⁵
	308.9	O ⁶ -O ⁵
angle	89.825	O ³ -Mn ¹ -O ²
	308.9	O ³ -O ²
angle	89.919	O ⁵ -Mn ¹ -O ⁴
	309.4	O ⁵ -O ⁴
angle	89.919	O ² -Mn ¹ -O ¹
	309.4	O ² -O ¹
angle	90.081	O ⁴ -Mn ¹ -O ²
	309.9	O ⁴ -O ²
angle	90.081	O ⁵ -Mn ¹ -O ¹
	309.9	O ⁵ -O ¹
angle	90.175	O ⁵ -Mn ¹ -O ³
	309.9	O ⁵ -O ³
angle	90.175	O ⁶ -Mn ¹ -O ²
	309.9	O ⁶ -O ²
angle	90.690	O ⁶ -Mn ¹ -O ⁴
	312.1	O ⁶ -O ⁴
angle	90.690	O ³ -Mn ¹ -O ¹
	312.1	O ³ -O ¹
angle	179.999	O ⁶ -Mn ¹ -O ³
	438.4	O ⁶ -O ³
angle	179.999	O ⁵ -Mn ¹ -O ²
	436.7	O ⁵ -O ²
angle	179.999	O ⁴ -Mn ¹ -O ¹
	439.1	O ⁴ -O ¹
dopage	T	
AutoAlign	F	

structure type: XABCDEF

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!Mn1

O1

O2

O3

O4

O5

O6

Mn(tetrahydrofuran)6²⁺

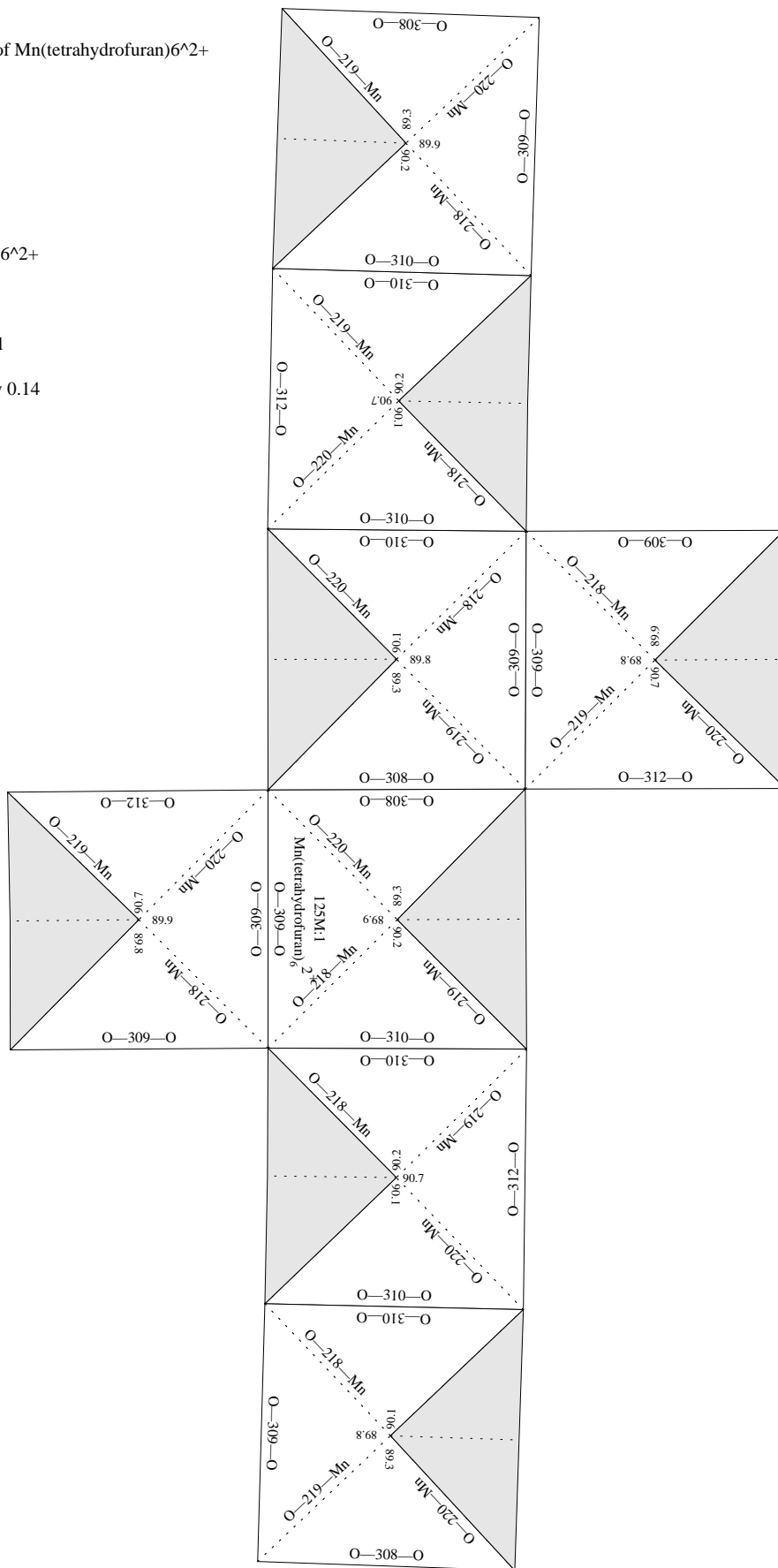
special octahedral

scale 125,000,000 : 1

units: pm

offsetx -0.04 offsety 0.14

View -1



Current: (centerx 4.26) (centery 5.14) (scale 125)

%%BoundingBox: 131 84 482 767

actual: 141 94 472 757

center: 306 425

actual size: 330 663

Better: (centerx 4.25) (centery 4.73) (scale 125)

%%BoundingBox: 128 65 478 748

actual: 138 75 468 738

center: 303 406

actual size: 330 663