Electronic Supplementary Material (ESI) for Dalton Transactions

An unprecedented 3D POM-Ag Architecture with Intertwined and Homological Helical Structures

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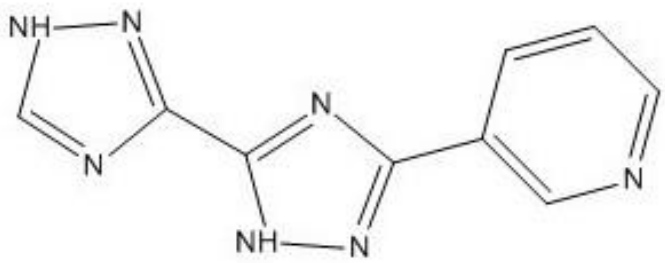


Scheme S1 The structure of pyttz ligand.

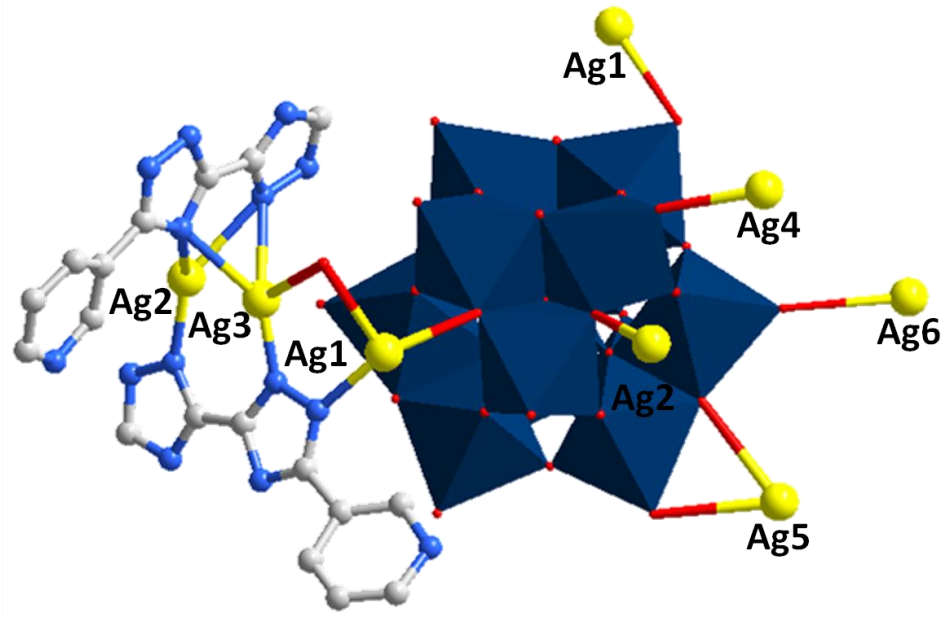


Fig.S1 Combined polyhedral and ball/stick representation of the molecular structure unit of **1.**

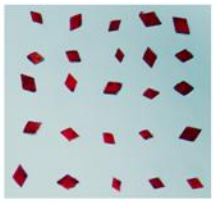
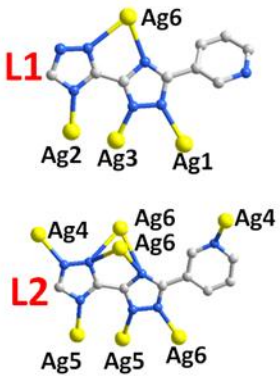
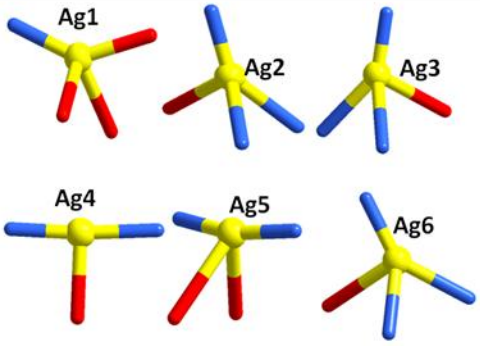
Photo of Compounds	Coordination number and mode of L	Coordination number and mode of Ag ions
		

Fig.S2 Crystal photographs, the coordination numbers and modes of POMs, Ligands and Ag ions of compound **1.**

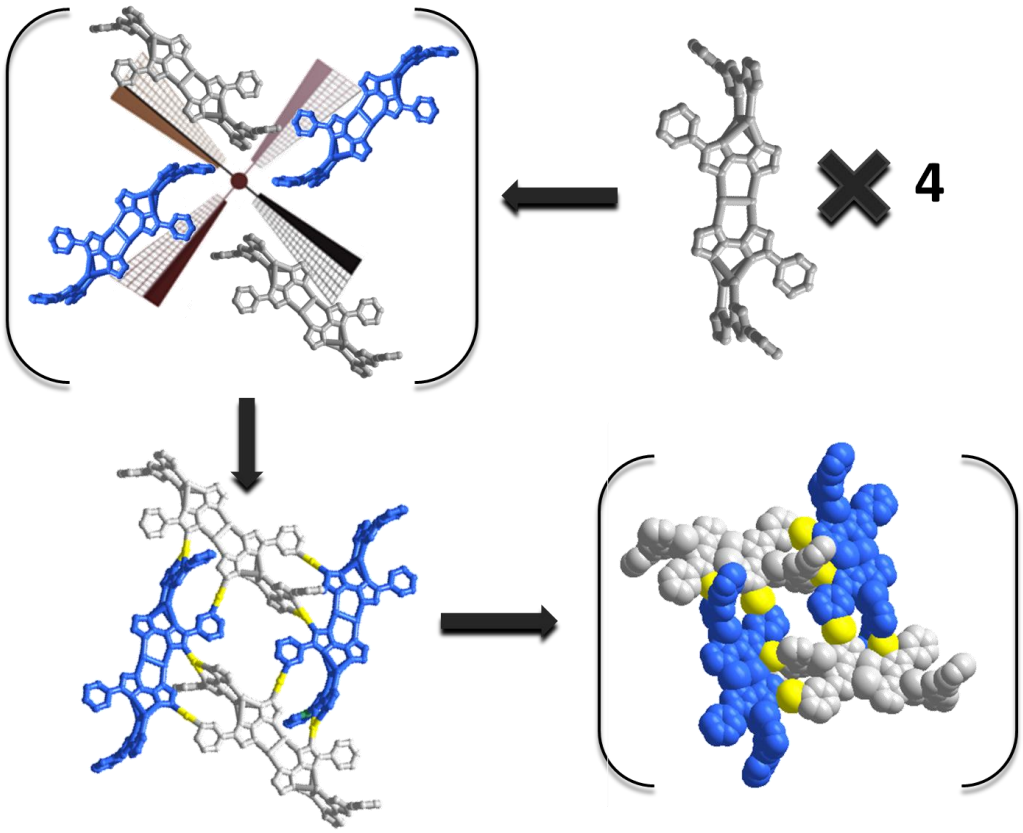


Fig. S3 Ball/stick/space representation of “windmill-like” TMC

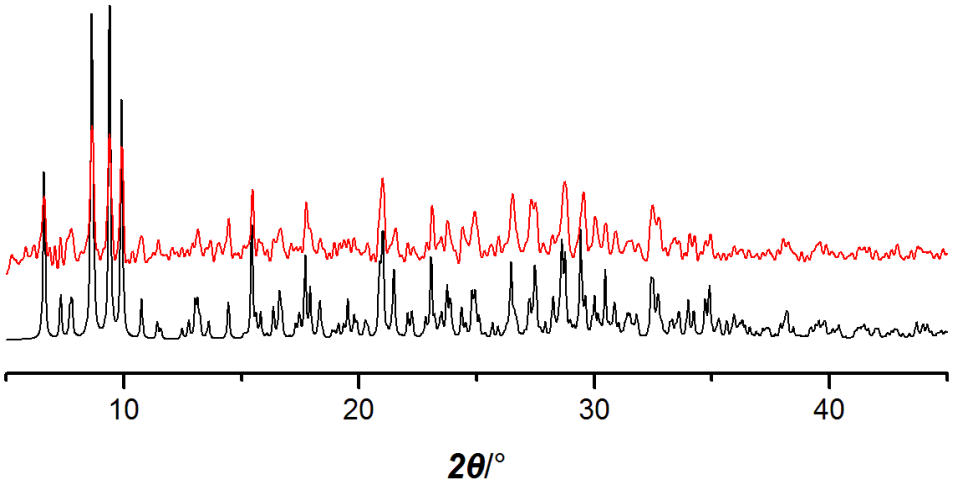


Fig.S4 The simulative (below) and experimental (up) XRPD patterns for compound **1**.

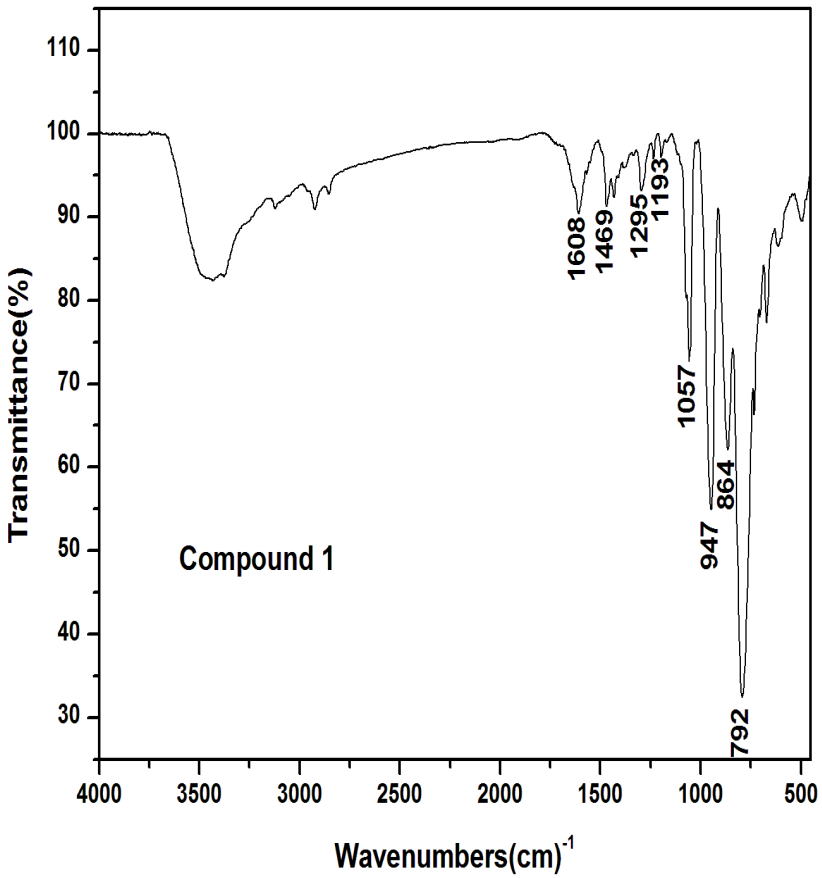


Fig.S5 The IR spectrum of compound **1.**

Table S1. Bond lengths [Å] and angles [°] for compound **1**.

Ag(2A)-N(20)	2.211(16)	Mo(6)-O(9)	2.417(11)
Ag(2A)-N(10)	2.213(16)	Mo(7)-O(26)	1.677(12)
Ag(2A)-Ag(3A)	2.821(3)	Mo(7)-O(38)	1.886(11)
Ag(3A)-N(21)	2.170(14)	Mo(7)-O(23)	1.911(13)
Ag(3A)-N(8)	2.190(15)	Mo(7)-O(30)	1.919(12)
Ag(3A)-O(1W)	2.557(14)	Mo(8)-O(21)	1.899(12)
Ag(2B)-N(20)	2.271(16)	Mo(8)-O(18)	1.911(12)
Ag(2B)-N(8)	2.356(17)	Mo(8)-O(16)	1.960(12)
Ag(2B)-Ag(3B)	2.773(8)	Mo(8)-O(40)	2.384(11)
Ag(3B)-N(21)	2.088(15)	Mo(9)-O(37)	1.664(12)
Ag(3B)-N(10)	2.196(17)	Mo(9)-O(12)	1.905(11)
Ag(3B)-O(39)	2.467(14)	Mo(9)-O(11)	1.905(12)
Ag(3B)-Ag(1)	3.354(6)	Mo(10)-O(15)	1.908(11)
Ag(1)-N(22)	2.193(14)	Mo(10)-O(36)	1.930(11)
Ag(1)-O(6)	2.295(13)	Mo(10)-O(12)	1.934(11)
Ag(1)-O(1W)	2.494(15)	Mo(10)-O(17)	2.446(11)
Ag(4)-N(32)#2	1.999(19)	Mo(11)-O(39)	1.667(12)
Ag(4)-N(11)	2.198(19)	Mo(11)-O(36)	1.906(11)
Ag(4)-O(34)#3	2.433(16)	Mo(11)-O(11)	1.909(11)
Ag(4)-C(14)#2	2.69(3)	Mo(11)-O(32)	1.912(12)
Mo(1)-O(33)	1.678(12)	Mo(12)-O(22)	1.913(12)
Mo(1)-O(27)	1.887(12)	Mo(12)-O(18)	1.914(11)
Mo(1)-O(5)	1.917(11)	Mo(12)-O(14)	1.934(13)
Mo(1)-O(25)	1.918(12)	Mo(12)-O(40)	2.412(11)
Mo(2)-O(4)	1.881(11)	P(1)-O(10)	1.530(11)
Mo(2)-O(5)	1.915(11)	P(1)-O(17)	1.530(12)
Mo(2)-O(3)	1.963(11)	P(1)-O(40)	1.531(11)
Mo(2)-O(10)	2.429(10)	P(1)-O(9)	1.533(11)
Mo(3)-O(8)	1.676(12)	Ag(5)-N(5)	2.088(15)
Mo(3)-O(13)	1.877(12)	Ag(5)-N(3)#6	2.102(14)
Mo(3)-O(28)	1.915(11)	Ag(5)-Ag(5)#6	2.673(4)
Mo(3)-O(29)	1.919(11)	Ag(5)-Ag(6A)	3.133(5)
Mo(4)-O(14)	1.895(12)	N(6)-Ag(6B)	2.042(15)
Mo(4)-O(15)	1.913(12)	N(6)-Ag(6A)	2.175(15)
Mo(4)-O(13)	1.925(12)	N(3)-Ag(5)#6	2.102(14)
Mo(4)-O(40)	2.470(11)	N(15)-Ag(6A)#8	2.163(16)
Mo(5)-O(34)	1.674(14)	N(12)-Ag(6B)#8	2.259(17)
Mo(5)-O(25)	1.885(12)	O(34)-Ag(4)#1	2.433(16)
Mo(5)-O(22)	1.902(12)	Ag(6A)-Ag(6B)	0.948(8)
Mo(5)-O(24)	1.921(13)	Ag(6A)-N(15)#9	2.163(16)
Mo(6)-O(24)	1.917(13)	Ag(6B)-N(12)#9	2.259(18)
Mo(6)-O(32)	1.918(12)	N(32)-Ag(4)#7	1.999(19)
Mo(6)-O(6)	1.985(11)	C(14)-Ag(4)#7	2.69(3)

N(20)-Ag(2A)-N(10)	161.9(7)	O(20)-Mo(4)-O(16)	101.7(6)
N(20)-Ag(2A)-Ag(3A)	87.3(5)	O(20)-Mo(4)-O(14)	102.6(6)
N(10)-Ag(2A)-Ag(3A)	75.6(4)	O(16)-Mo(4)-O(14)	89.2(5)
N(21)-Ag(3A)-N(8)	159.5(6)	O(22)-Mo(5)-O(24)	157.5(5)
N(21)-Ag(3A)-O(1W)	105.0(5)	O(34)-Mo(5)-O(23)	99.6(6)
N(8)-Ag(3A)-O(1W)	91.1(6)	O(25)-Mo(5)-O(23)	157.9(5)
N(21)-Ag(3A)-Ag(2A)	79.9(4)	O(3)-Mo(6)-O(32)	88.7(5)
N(8)-Ag(3A)-Ag(2A)	80.7(5)	O(24)-Mo(6)-O(32)	156.4(5)
O(1W)-Ag(3A)-Ag(2A)	123.1(3)	O(1)-Mo(6)-O(9)	169.9(5)
N(20)-Ag(2B)-N(8)	153.8(7)	O(26)-Mo(7)-O(6)	101.6(6)
N(20)-Ag(2B)-Ag(3B)	81.9(5)	O(38)-Mo(7)-O(6)	88.8(5)
N(8)-Ag(2B)-Ag(3B)	79.4(5)	O(38)-Mo(7)-O(9)	83.6(4)
N(21)-Ag(3B)-N(10)	160.3(7)	O(21)-Mo(8)-O(18)	157.9(5)
N(21)-Ag(3B)-O(39)	94.8(5)	O(31)-Mo(8)-O(16)	98.3(6)
N(10)-Ag(3B)-O(39)	92.5(5)	O(30)-Mo(8)-O(16)	159.0(5)
N(21)-Ag(3B)-Ag(2B)	87.5(5)	O(37)-Mo(9)-O(21)	101.4(6)
N(10)-Ag(3B)-Ag(2B)	72.9(5)	O(12)-Mo(9)-O(21)	88.1(5)
O(39)-Ag(3B)-Ag(2B)	106.8(4)	O(11)-Mo(9)-O(21)	157.2(5)
N(21)-Ag(3B)-Ag(1)	63.6(5)	O(29)-Mo(10)-O(12)	155.6(5)
N(10)-Ag(3B)-Ag(1)	130.2(5)	O(15)-Mo(10)-O(12)	88.2(5)
O(39)-Ag(3B)-Ag(1)	110.0(3)	O(36)-Mo(10)-O(12)	86.8(5)
Ag(2B)-Ag(3B)-Ag(1)	134.3(2)	O(39)-Mo(11)-O(17)	172.8(5)
N(22)-Ag(1)-O(6)	139.8(5)	O(36)-Mo(11)-O(17)	73.8(4)
N(22)-Ag(1)-O(1W)	102.7(5)	O(11)-Mo(11)-O(17)	73.2(4)
O(6)-Ag(1)-O(1W)	103.6(4)	O(22)-Mo(12)-O(18)	89.5(5)
N(22)-Ag(1)-Ag(3B)	61.1(4)	O(35)-Mo(12)-O(14)	102.6(6)
O(6)-Ag(1)-Ag(3B)	108.8(3)	O(27)-Mo(12)-O(14)	89.3(5)
O(1W)-Ag(1)-Ag(3B)	59.8(3)	O(10)-P(1)-O(17)	110.4(6)
N(32)#2-Ag(4)-N(11)	174.9(7)	O(10)-P(1)-O(40)	109.1(6)
N(32)#2-Ag(4)-O(34)#3	90.8(7)	O(17)-P(1)-O(40)	109.3(6)
N(11)-Ag(4)-O(34)#3	94.1(6)	O(10)-P(1)-O(9)	108.9(6)
N(32)#2-Ag(4)-C(14)#2	28.5(6)	O(17)-P(1)-O(9)	109.7(6)
N(11)-Ag(4)-C(14)#2	153.9(7)	O(40)-P(1)-O(9)	109.5(6)
O(34)#3-Ag(4)-C(14)#2	84.0(7)	Mo(6)-O(3)-Mo(2)	151.5(6)
O(33)-Mo(1)-O(27)	103.9(6)	Mo(2)-O(4)-Mo(11)	154.5(6)
O(33)-Mo(1)-O(5)	98.9(6)	Mo(2)-O(5)-Mo(1)	124.4(6)
O(27)-Mo(1)-O(5)	157.2(5)	Mo(7)-O(6)-Mo(6)	124.5(6)
O(2)-Mo(2)-O(4)	102.0(6)	Mo(7)-O(6)-Ag(1)	112.9(5)
O(7)-Mo(2)-O(4)	91.4(5)	Mo(6)-O(6)-Ag(1)	107.0(6)
O(2)-Mo(2)-O(5)	102.0(6)	Mo(2)-O(7)-Mo(3)	124.9(6)
O(13)-Mo(3)-O(7)	157.6(5)	P(1)-O(9)-Mo(5)	126.3(6)
O(28)-Mo(3)-O(7)	85.4(5)	P(1)-O(9)-Mo(6)	125.4(6)
O(29)-Mo(3)-O(7)	87.4(5)	Mo(5)-O(9)-Mo(6)	89.9(4)
P(1)-O(9)-Mo(7)	124.7(6)	P(1)-O(40)-Mo(4)	125.6(6)

Mo(5)-O(9)-Mo(7)	88.7(3)	Mo(8)-O(40)-Mo(4)	89.0(3)
Mo(6)-O(9)-Mo(7)	90.4(3)	Mo(12)-O(40)-Mo(4)	88.4(4)
P(1)-O(10)-Mo(1)	126.4(6)	C(11)-N(6)-Ag(6B)	129.9(14)
P(1)-O(10)-Mo(2)	125.8(6)	N(5)-N(6)-Ag(6B)	118.0(12)
Mo(1)-O(10)-Mo(2)	89.0(3)	C(11)-N(6)-Ag(6A)	134.7(15)
P(1)-O(10)-Mo(3)	125.8(6)	N(5)-N(6)-Ag(6A)	117.6(12)
Mo(1)-O(10)-Mo(3)	89.4(4)	C(10)-N(5)-Ag(5)	142.3(13)
Mo(2)-O(10)-Mo(3)	88.5(3)	N(6)-N(5)-Ag(5)	110.6(11)
Mo(9)-O(11)-Mo(11)	124.3(6)	C(9)-N(3)-Ag(5)#6	133.8(13)
Mo(9)-O(12)-Mo(10)	125.2(6)	C(13)-N(3)-Ag(5)#6	118.4(12)
Mo(3)-O(13)-Mo(4)	151.7(7)	C(2)-N(15)-Ag(6A)#8	135.7(13)
Mo(4)-O(14)-Mo(12)	125.4(6)	C(6)-N(15)-Ag(6A)#8	119.1(13)
Mo(10)-O(15)-Mo(4)	152.1(6)	C(9)-N(10)-Ag(3B)	119.7(12)
Mo(4)-O(16)-Mo(8)	124.4(6)	N(11)-N(10)-Ag(3B)	111.5(12)
Mo(5)-O(22)-Mo(12)	151.4(7)	C(9)-N(10)-Ag(2A)	132.0(13)
Mo(7)-O(23)-Mo(5)	124.2(6)	N(11)-N(10)-Ag(2A)	121.3(11)
Mo(5)-O(25)-Mo(1)	150.9(6)	Ag(3B)-N(10)-Ag(2A)	56.2(4)
Mo(1)-O(27)-Mo(12)	151.4(7)	C(7)-N(12)-Ag(6B)#8	121.2(14)
Mo(3)-O(28)-Mo(1)	124.6(6)	N(19)-N(12)-Ag(6B)#8	131.7(13)
Mo(10)-O(29)-Mo(3)	150.2(7)	C(10)-N(8)-Ag(3A)	116.4(13)
P(1)-O(17)-Mo(9)	126.9(6)	C(11)-N(8)-Ag(3A)	126.5(13)
P(1)-O(17)-Mo(11)	125.9(6)	C(10)-N(8)-Ag(2B)	116.6(13)
Mo(9)-O(17)-Mo(11)	88.5(4)	C(11)-N(8)-Ag(2B)	126.8(14)
P(1)-O(17)-Mo(10)	125.6(6)	C(13)-N(11)-Ag(4)	123.0(15)
Mo(9)-O(17)-Mo(10)	89.3(4)	N(10)-N(11)-Ag(4)	123.3(12)
Mo(11)-O(17)-Mo(10)	88.4(4)	C(6)-N(21)-Ag(3B)	132.4(13)
Mo(8)-O(18)-Mo(12)	124.4(6)	N(22)-N(21)-Ag(3B)	118.5(11)
Mo(8)-O(21)-Mo(9)	150.0(7)	C(6)-N(21)-Ag(3A)	122.7(13)
Mo(8)-O(30)-Mo(7)	150.5(7)	N(22)-N(21)-Ag(3A)	109.3(10)
Mo(11)-O(32)-Mo(6)	148.7(7)	C(2)-N(22)-Ag(1)	138.3(13)
Mo(11)-O(36)-Mo(10)	124.8(6)	N(21)-N(22)-Ag(1)	116.5(10)
Mo(7)-O(38)-Mo(9)	151.6(7)	C(8)-N(20)-Ag(2A)	123.6(15)
Mo(11)-O(39)-Ag(3B)	106.8(6)	C(7)-N(20)-Ag(2A)	128.7(14)
N(5)-Ag(5)-N(3)#6	163.2(6)	C(8)-N(20)-Ag(2B)	118.8(14)
N(3)#6-Ag(5)-Ag(5)#6	98.8(5)	C(7)-N(20)-Ag(2B)	125.0(14)
N(5)-Ag(5)-Ag(6A)	68.5(5)	Mo(5)-O(34)-Ag(4)#1	139.7(9)
N(3)#6-Ag(5)-Ag(6A)	99.7(5)	N(15)#9-Ag(6A)-N(6)	161.7(7)
N(5)-Ag(5)-Ag(6B)	61.3(4)	N(6)-Ag(6B)-N(12)#9	161.0(8)
N(3)#6-Ag(5)-Ag(6B)	104.0(5)	N(6)-Ag(6B)-Ag(5)	59.4(5)
P(1)-O(40)-Mo(8)	125.8(6)	C(14)-N(32)-Ag(4)#7	106.0(16)
P(1)-O(40)-Mo(12)	126.4(6)	C(20)-N(32)-Ag(4)#7	126.7(16)
Mo(8)-O(40)-Mo(12)	89.7(4)	Ag(1)-O(1W)-Ag(3A)	87.6(5)
C(15)-C(14)-Ag(4)#7	152(2)	C(15)-C(14)-Ag(4)#7	152(2)
N(32)-C(14)-Ag(4)#7	45.5(12)	N(32)-C(14)-Ag(4)#7	45.5(12)

Ag(2A)-N(20)	2.211(16)	Mo(6)-O(9)	2.417(11)
Ag(2A)-N(10)	2.213(16)	Mo(7)-O(26)	1.677(12)
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Ag(3A)-N(21)	2.170(14)	Mo(7)-O(23)	1.911(13)
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Ag(3B)-O(39)	2.467(14)	Mo(9)-O(11)	1.905(12)
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Ag(1)-O(6)	2.295(13)	Mo(10)-O(12)	1.934(11)
Ag(1)-O(1W)	2.494(15)	Mo(10)-O(17)	2.446(11)
Ag(4)-N(32)#2	1.999(19)	Mo(11)-O(39)	1.667(12)
Ag(4)-N(11)	2.198(19)	Mo(11)-O(36)	1.906(11)
Ag(4)-O(34)#3	2.433(16)	Mo(11)-O(11)	1.909(11)
Ag(4)-C(14)#2	2.69(3)	Mo(11)-O(32)	1.912(12)
Mo(1)-O(33)	1.678(12)	Mo(12)-O(22)	1.913(12)
Mo(1)-O(27)	1.887(12)	Mo(12)-O(18)	1.914(11)
Mo(1)-O(5)	1.917(11)	Mo(12)-O(14)	1.934(13)
Mo(1)-O(25)	1.918(12)	Mo(12)-O(40)	2.412(11)
Mo(2)-O(4)	1.881(11)	P(1)-O(10)	1.530(11)
Mo(2)-O(5)	1.915(11)	P(1)-O(17)	1.530(12)
Mo(2)-O(3)	1.963(11)	P(1)-O(40)	1.531(11)
Mo(2)-O(10)	2.429(10)	P(1)-O(9)	1.533(11)
Mo(3)-O(8)	1.676(12)	Ag(5)-N(5)	2.088(15)
Mo(3)-O(13)	1.877(12)	Ag(5)-N(3)#6	2.102(14)
Mo(3)-O(28)	1.915(11)	Ag(5)-Ag(5)#6	2.673(4)
Mo(3)-O(29)	1.919(11)	Ag(5)-Ag(6A)	3.133(5)
Mo(4)-O(14)	1.895(12)	N(6)-Ag(6B)	2.042(15)
Mo(4)-O(15)	1.913(12)	N(6)-Ag(6A)	2.175(15)
Mo(4)-O(13)	1.925(12)	N(3)-Ag(5)#6	2.102(14)
Mo(4)-O(40)	2.470(11)	N(15)-Ag(6A)#8	2.163(16)
Mo(5)-O(34)	1.674(14)	N(12)-Ag(6B)#8	2.259(17)
Mo(5)-O(25)	1.885(12)	O(34)-Ag(4)#1	2.433(16)
Mo(5)-O(22)	1.902(12)	Ag(6A)-Ag(6B)	0.948(8)
Mo(5)-O(24)	1.921(13)	Ag(6A)-N(15)#9	2.163(16)
Mo(6)-O(24)	1.917(13)	Ag(6B)-N(12)#9	2.259(18)
Mo(6)-O(32)	1.918(12)	N(32)-Ag(4)#7	1.999(19)
Mo(6)-O(6)	1.985(11)	C(14)-Ag(4)#7	2.69(3)
N(20)-Ag(2A)-N(10)	161.9(7)	O(20)-Mo(4)-O(16)	101.7(6)

N(20)-Ag(2A)-Ag(3A)	87.3(5)	O(20)-Mo(4)-O(14)	102.6(6)
N(10)-Ag(2A)-Ag(3A)	75.6(4)	O(16)-Mo(4)-O(14)	89.2(5)
N(21)-Ag(3A)-N(8)	159.5(6)	O(22)-Mo(5)-O(24)	157.5(5)
N(21)-Ag(3A)-O(1W)	105.0(5)	O(34)-Mo(5)-O(23)	99.6(6)
N(8)-Ag(3A)-O(1W)	91.1(6)	O(25)-Mo(5)-O(23)	157.9(5)
N(21)-Ag(3A)-Ag(2A)	79.9(4)	O(3)-Mo(6)-O(32)	88.7(5)
N(8)-Ag(3A)-Ag(2A)	80.7(5)	O(24)-Mo(6)-O(32)	156.4(5)
O(1W)-Ag(3A)-Ag(2A)	123.1(3)	O(1)-Mo(6)-O(9)	169.9(5)
N(20)-Ag(2B)-N(8)	153.8(7)	O(26)-Mo(7)-O(6)	101.6(6)
N(20)-Ag(2B)-Ag(3B)	81.9(5)	O(38)-Mo(7)-O(6)	88.8(5)
N(8)-Ag(2B)-Ag(3B)	79.4(5)	O(38)-Mo(7)-O(9)	83.6(4)
N(21)-Ag(3B)-N(10)	160.3(7)	O(21)-Mo(8)-O(18)	157.9(5)
N(21)-Ag(3B)-O(39)	94.8(5)	O(31)-Mo(8)-O(16)	98.3(6)
N(10)-Ag(3B)-O(39)	92.5(5)	O(30)-Mo(8)-O(16)	159.0(5)
N(21)-Ag(3B)-Ag(2B)	87.5(5)	O(37)-Mo(9)-O(21)	101.4(6)
N(10)-Ag(3B)-Ag(2B)	72.9(5)	O(12)-Mo(9)-O(21)	88.1(5)
O(39)-Ag(3B)-Ag(2B)	106.8(4)	O(11)-Mo(9)-O(21)	157.2(5)
N(21)-Ag(3B)-Ag(1)	63.6(5)	O(29)-Mo(10)-O(12)	155.6(5)
N(10)-Ag(3B)-Ag(1)	130.2(5)	O(15)-Mo(10)-O(12)	88.2(5)
O(39)-Ag(3B)-Ag(1)	110.0(3)	O(36)-Mo(10)-O(12)	86.8(5)
Ag(2B)-Ag(3B)-Ag(1)	134.3(2)	O(39)-Mo(11)-O(17)	172.8(5)
N(22)-Ag(1)-O(6)	139.8(5)	O(36)-Mo(11)-O(17)	73.8(4)
N(22)-Ag(1)-O(1W)	102.7(5)	O(11)-Mo(11)-O(17)	73.2(4)
O(6)-Ag(1)-O(1W)	103.6(4)	O(22)-Mo(12)-O(18)	89.5(5)
N(22)-Ag(1)-Ag(3B)	61.1(4)	O(35)-Mo(12)-O(14)	102.6(6)
O(6)-Ag(1)-Ag(3B)	108.8(3)	O(27)-Mo(12)-O(14)	89.3(5)
O(1W)-Ag(1)-Ag(3B)	59.8(3)	O(10)-P(1)-O(17)	110.4(6)
N(32)#2-Ag(4)-N(11)	174.9(7)	O(10)-P(1)-O(40)	109.1(6)
N(32)#2-Ag(4)-O(34)#3	90.8(7)	O(17)-P(1)-O(40)	109.3(6)
N(11)-Ag(4)-O(34)#3	94.1(6)	O(10)-P(1)-O(9)	108.9(6)
N(32)#2-Ag(4)-C(14)#2	28.5(6)	O(17)-P(1)-O(9)	109.7(6)
N(11)-Ag(4)-C(14)#2	153.9(7)	O(40)-P(1)-O(9)	109.5(6)
O(34)#3-Ag(4)-C(14)#2	84.0(7)	Mo(6)-O(3)-Mo(2)	151.5(6)
O(33)-Mo(1)-O(27)	103.9(6)	Mo(2)-O(4)-Mo(11)	154.5(6)
O(33)-Mo(1)-O(5)	98.9(6)	Mo(2)-O(5)-Mo(1)	124.4(6)
O(27)-Mo(1)-O(5)	157.2(5)	Mo(7)-O(6)-Mo(6)	124.5(6)
O(2)-Mo(2)-O(4)	102.0(6)	Mo(7)-O(6)-Ag(1)	112.9(5)
O(7)-Mo(2)-O(4)	91.4(5)	Mo(6)-O(6)-Ag(1)	107.0(6)
O(2)-Mo(2)-O(5)	102.0(6)	Mo(2)-O(7)-Mo(3)	124.9(6)
O(13)-Mo(3)-O(7)	157.6(5)	P(1)-O(9)-Mo(5)	126.3(6)
O(28)-Mo(3)-O(7)	85.4(5)	P(1)-O(9)-Mo(6)	125.4(6)
O(29)-Mo(3)-O(7)	87.4(5)	Mo(5)-O(9)-Mo(6)	89.9(4)
P(1)-O(9)-Mo(7)	124.7(6)	P(1)-O(40)-Mo(4)	125.6(6)
Mo(5)-O(9)-Mo(7)	88.7(3)	Mo(8)-O(40)-Mo(4)	89.0(3)

Mo(6)-O(9)-Mo(7)	90.4(3)	Mo(12)-O(40)-Mo(4)	88.4(4)
P(1)-O(10)-Mo(1)	126.4(6)	C(11)-N(6)-Ag(6B)	129.9(14)
P(1)-O(10)-Mo(2)	125.8(6)	N(5)-N(6)-Ag(6B)	118.0(12)
Mo(1)-O(10)-Mo(2)	89.0(3)	C(11)-N(6)-Ag(6A)	134.7(15)
P(1)-O(10)-Mo(3)	125.8(6)	N(5)-N(6)-Ag(6A)	117.6(12)
Mo(1)-O(10)-Mo(3)	89.4(4)	C(10)-N(5)-Ag(5)	142.3(13)
Mo(2)-O(10)-Mo(3)	88.5(3)	N(6)-N(5)-Ag(5)	110.6(11)
Mo(9)-O(11)-Mo(11)	124.3(6)	C(9)-N(3)-Ag(5)#6	133.8(13)
Mo(9)-O(12)-Mo(10)	125.2(6)	C(13)-N(3)-Ag(5)#6	118.4(12)
Mo(3)-O(13)-Mo(4)	151.7(7)	C(2)-N(15)-Ag(6A)#8	135.7(13)
Mo(4)-O(14)-Mo(12)	125.4(6)	C(6)-N(15)-Ag(6A)#8	119.1(13)
Mo(10)-O(15)-Mo(4)	152.1(6)	C(9)-N(10)-Ag(3B)	119.7(12)
Mo(4)-O(16)-Mo(8)	124.4(6)	N(11)-N(10)-Ag(3B)	111.5(12)
Mo(5)-O(22)-Mo(12)	151.4(7)	C(9)-N(10)-Ag(2A)	132.0(13)
Mo(7)-O(23)-Mo(5)	124.2(6)	N(11)-N(10)-Ag(2A)	121.3(11)
Mo(5)-O(25)-Mo(1)	150.9(6)	Ag(3B)-N(10)-Ag(2A)	56.2(4)
Mo(1)-O(27)-Mo(12)	151.4(7)	C(7)-N(12)-Ag(6B)#8	121.2(14)
Mo(3)-O(28)-Mo(1)	124.6(6)	N(19)-N(12)-Ag(6B)#8	131.7(13)
Mo(10)-O(29)-Mo(3)	150.2(7)	C(10)-N(8)-Ag(3A)	116.4(13)
P(1)-O(17)-Mo(9)	126.9(6)	C(11)-N(8)-Ag(3A)	126.5(13)
P(1)-O(17)-Mo(11)	125.9(6)	C(10)-N(8)-Ag(2B)	116.6(13)
Mo(9)-O(17)-Mo(11)	88.5(4)	C(11)-N(8)-Ag(2B)	126.8(14)
P(1)-O(17)-Mo(10)	125.6(6)	C(13)-N(11)-Ag(4)	123.0(15)
Mo(9)-O(17)-Mo(10)	89.3(4)	N(10)-N(11)-Ag(4)	123.3(12)
Mo(11)-O(17)-Mo(10)	88.4(4)	C(6)-N(21)-Ag(3B)	132.4(13)
Mo(8)-O(18)-Mo(12)	124.4(6)	N(22)-N(21)-Ag(3B)	118.5(11)
Mo(8)-O(21)-Mo(9)	150.0(7)	C(6)-N(21)-Ag(3A)	122.7(13)
Mo(8)-O(30)-Mo(7)	150.5(7)	N(22)-N(21)-Ag(3A)	109.3(10)
Mo(11)-O(32)-Mo(6)	148.7(7)	C(2)-N(22)-Ag(1)	138.3(13)
Mo(11)-O(36)-Mo(10)	124.8(6)	N(21)-N(22)-Ag(1)	116.5(10)
Mo(7)-O(38)-Mo(9)	151.6(7)	C(8)-N(20)-Ag(2A)	123.6(15)
Mo(11)-O(39)-Ag(3B)	106.8(6)	C(7)-N(20)-Ag(2A)	128.7(14)
N(5)-Ag(5)-N(3)#6	163.2(6)	C(8)-N(20)-Ag(2B)	118.8(14)
N(3)#6-Ag(5)-Ag(5)#6	98.8(5)	C(7)-N(20)-Ag(2B)	125.0(14)
N(5)-Ag(5)-Ag(6A)	68.5(5)	Mo(5)-O(34)-Ag(4)#1	139.7(9)
N(3)#6-Ag(5)-Ag(6A)	99.7(5)	N(15)#9-Ag(6A)-N(6)	161.7(7)
N(5)-Ag(5)-Ag(6B)	61.3(4)	N(6)-Ag(6B)-N(12)#9	161.0(8)
N(3)#6-Ag(5)-Ag(6B)	104.0(5)	N(6)-Ag(6B)-Ag(5)	59.4(5)
P(1)-O(40)-Mo(8)	125.8(6)	C(14)-N(32)-Ag(4)#7	106.0(16)
P(1)-O(40)-Mo(12)	126.4(6)	C(20)-N(32)-Ag(4)#7	126.7(16)
Mo(8)-O(40)-Mo(12)	89.7(4)	Ag(1)-O(1W)-Ag(3A)	87.6(5)
C(15)-C(14)-Ag(4)#7	152(2)	C(15)-C(14)-Ag(4)#7	152(2)
N(32)-C(14)-Ag(4)#7	45.5(12)	N(32)-C(14)-Ag(4)#7	45.5(12)

1 Symmetry transformations used to generate equivalent atoms: #1, x-1,-y+1/2,z-1/2, #2,

x,-y+1/2,z-1/2, #3, x+1,-y+1/2,z+1/2, #4 -x+2,-y+1,-z+1, #5, x-1,y,z-1, #6, -x+2,-y,-z+1, #7, x,-y+1/2,z+1/2, #8, -x+2,y+1/2,-z+3/2, #9, -x+2,y-1/2,-z+3/2,#10, x+1,y,z+1;