Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Two new silver triazole frameworks with polyoxometalate templates

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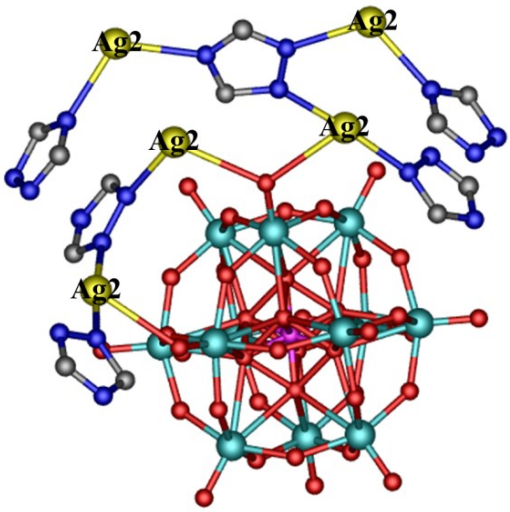

Figure S1. Combined ball and stick representation of the asymmetric unit of compound **1**. All the hydrogen and water atoms have been omitted for clarity.

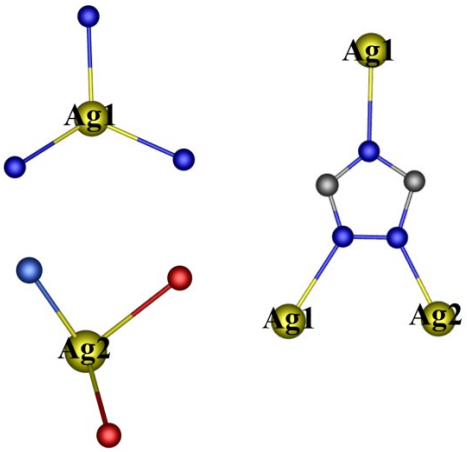

Figure S2 Combined ball/stick representation of coordination information of Ag ions and trz ligand in compound **1**..

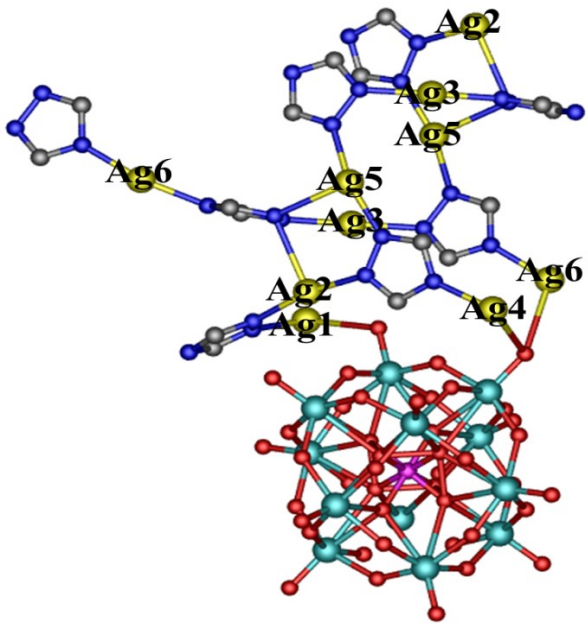

Figure S3 Combined ball and stick representation of the asymmetric unit of compound **2**. All the hydrogen and water atoms have been omitted for clarity.

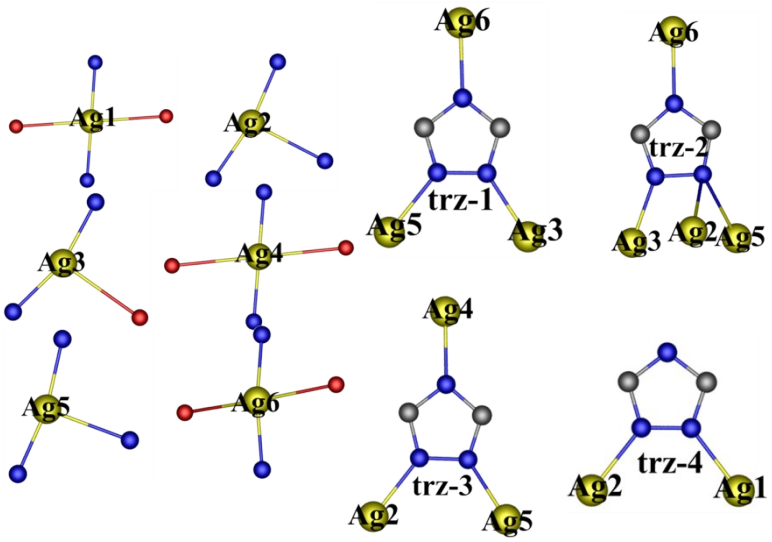

Figure S4 Combined ball/stick representation of coordination information of Ag ions and trz ligand in compound **2**.

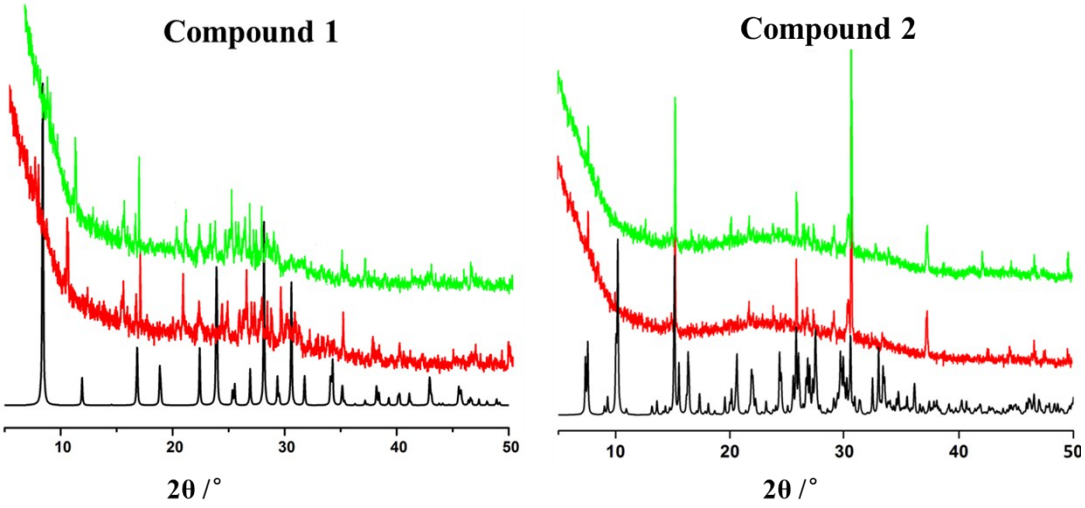

Figure S5. XRD patterns for calculated, before and after photocatalytic reaction for Compounds **1** and **2**.

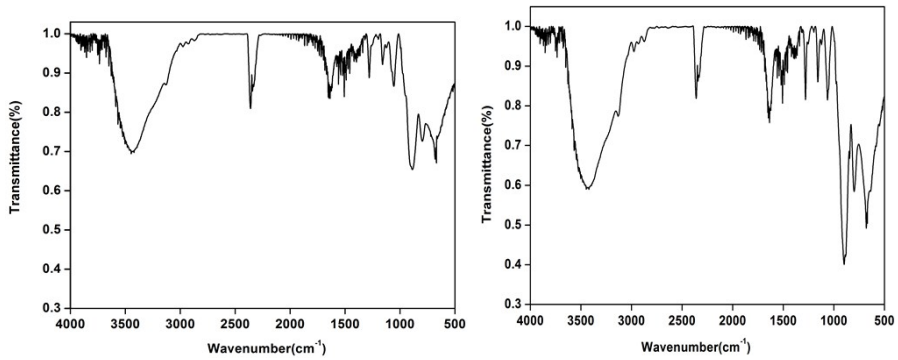

Figure S6 The IR spectra of compounds **1**and **2**.

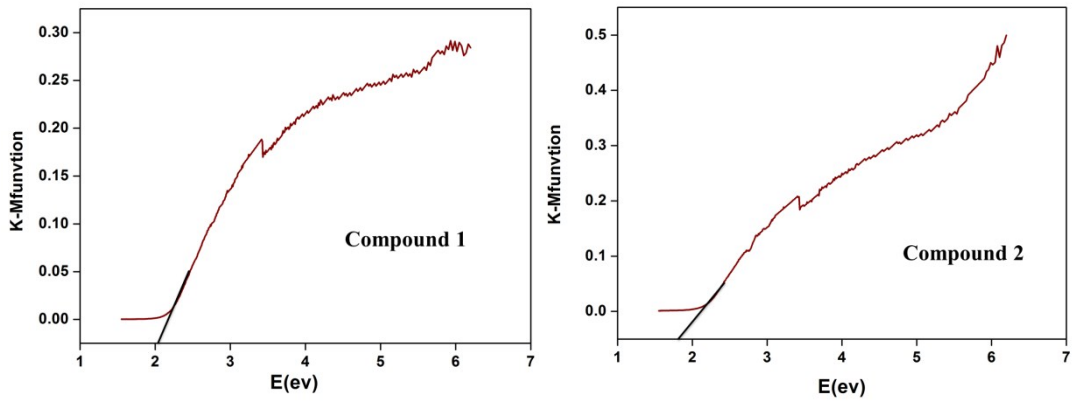

Fig.S7 The diffuse reflectance spectra of compounds **1**and **2**.

Table S1. Selected bond lengths and angles of Compound **1**

Bond	Lengths	Bond	Lengths
Mo(1)-O(2)	1.650(8)	P(1)-O(6)#3	1.527(13)
Mo(1)-O(1)#1	1.889(4)	P(1)-O(6)	1.527(13)
Mo(1)-O(1)	1.889(4)	O(7)-Mo(2)#6	1.887(4)
Mo(1)-O(3)#2	1.897(7)	O(1)-Mo(1)#7	1.889(4)
Mo(1)-O(3)	1.897(7)	O(6)-O(5)#3	1.758(18)
Mo(1)-O(6)	2.461(13)	O(6)-O(6)#4	1.761(19)
Mo(1)-O(5)#3	2.463(12)	O(6)-O(6)#6	1.761(19)
Mo(2)-O(4)	1.649(8)	O(6)-Mo(2)#4	2.454(9)
Mo(2)-O(7)#4	1.887(4)	O(5)-O(6)#3	1.758(18)
Mo(2)-O(7)	1.887(4)	O(5)-O(6)#4	1.758(18)
Mo(2)-O(3)	1.898(6)	O(5)-O(6)#6	1.758(18)
Mo(2)-O(3)#5	1.898(6)	O(5)-Mo(1)#6	2.463(12)
Mo(2)-O(6)#6	2.454(9)	O(5)-Mo(1)#4	2.463(12)
Mo(2)-O(6)	2.454(9)	O(5)-Mo(1)#3	2.463(12)
P(1)-O(5)#3	1.51(2)	N(1)-C(1)	1.32(2)
P(1)-O(5)	1.51(2)	N(1)-C(2)	1.34(3)
P(1)-O(6)#4	1.527(13)	N(2)-C(1)	1.33(3)
P(1)-O(6)#1	1.527(13)	N(2)-N(3)	1.36(2)
P(1)-O(6)#7	1.527(13)	N(3)-C(2)	1.45(3)
P(1)-O(6)#6	1.527(13)	C(1)-H(1)	0.93
Bond	Angles	Bond	Angles
O(3)#2-Mo(1)-O(5)#3	94.2(4)	O(2)-Mo(1)-O(1)#1	102.1(4)
O(3)-Mo(1)-O(5)#3	94.2(4)	O(2)-Mo(1)-O(1)	102.1(4)
O(6)-Mo(1)-O(5)#3	41.8(5)	O(1)#1-Mo(1)-O(1)	88.7(6)
O(4)-Mo(2)-O(7)#4	101.7(4)	O(2)-Mo(1)-O(3)#2	100.3(4)
O(4)-Mo(2)-O(7)	101.7(4)	O(1)#1-Mo(1)-O(3)#2	157.5(5)
O(7)#4-Mo(2)-O(7)	156.6(7)	O(1)-Mo(1)-O(3)#2	88.0(4)
O(4)-Mo(2)-O(3)	100.7(3)	O(2)-Mo(1)-O(3)	100.3(4)

O(7)#4-Mo(2)-O(3)	87.2(3)	O(1)#1-Mo(1)-O(3)	88.0(4)
O(7)-Mo(2)-O(3)	88.5(4)	O(1)-Mo(1)-O(3)	157.5(4)
O(4)-Mo(2)-O(3)#5	100.7(3)	O(3)#2-Mo(1)-O(3)	86.7(4)
O(7)#4-Mo(2)-O(3)#5	88.5(4)	O(2)-Mo(1)-O(6)	158.2(5)
O(7)-Mo(2)-O(3)#5	87.2(3)	O(1)#1-Mo(1)-O(6)	93.4(4)
O(3)-Mo(2)-O(3)#5	158.5(5)	O(1)-Mo(1)-O(6)	93.4(4)
O(4)-Mo(2)-O(6)#6	159.0(3)	O(3)#2-Mo(1)-O(6)	64.7(3)
O(7)#4-Mo(2)-O(6)#6	93.4(4)	O(3)-Mo(1)-O(6)	64.7(3)
O(7)-Mo(2)-O(6)#6	64.0(4)	O(2)-Mo(1)-O(5)#3	160.0(6)
O(3)-Mo(2)-O(6)#6	94.4(4)	O(1)#1-Mo(1)-O(5)#3	64.4(4)
O(3)#5-Mo(2)-O(6)#6	64.9(4)	O(1)-Mo(1)-O(5)#3	64.4(4)
O(4)-Mo(2)-O(6)	159.0(3)	P(1)-O(5)-O(6)#6	55.0(7)
O(7)#4-Mo(2)-O(6)	64.0(4)	O(6)#3-O(5)-O(6)#6	90.4(10)
O(7)-Mo(2)-O(6)	93.5(4)	O(6)#4-O(5)-O(6)#6	90.4(10)
O(3)-Mo(2)-O(6)	64.9(4)	P(1)-O(5)-Mo(1)#6	124.0(4)
O(3)#5-Mo(2)-O(6)	94.4(4)	O(6)#3-O(5)-Mo(1)#6	131.33(13)
O(6)#6-Mo(2)-O(6)	42.0(5)	O(6)#4-O(5)-Mo(1)#6	131.33(13)
O(5)#3-P(1)-O(5)	180	O(6)#6-O(5)-Mo(1)#6	69.0(5)
O(5)#3-P(1)-O(6)#4	109.4(5)	P(1)-O(5)-Mo(1)#4	124.0(4)
O(5)-P(1)-O(6)#4	70.6(5)	O(6)#3-O(5)-Mo(1)#4	131.33(13)
O(5)#3-P(1)-O(6)#1	70.6(5)	O(6)#4-O(5)-Mo(1)#4	69.0(5)
O(5)-P(1)-O(6)#1	109.4(5)	O(6)#6-O(5)-Mo(1)#4	131.33(13)
O(6)#4-P(1)-O(6)#1	180.0(10)	Mo(1)#6-O(5)-Mo(1)#4	91.7(6)
O(5)#3-P(1)-O(6)#7	70.6(5)	P(1)-O(5)-Mo(1)#3	124.0(4)
O(5)-P(1)-O(6)#7	109.4(5)	O(6)#3-O(5)-Mo(1)#3	69.0(5)
O(6)#4-P(1)-O(6)#7	70.4(5)	O(6)#4-O(5)-Mo(1)#3	131.33(13)
O(6)#1-P(1)-O(6)#7	109.6(5)	O(6)#6-O(5)-Mo(1)#3	131.33(13)
O(5)#3-P(1)-O(6)#6	109.4(5)	Mo(1)#6-O(5)-Mo(1)#3	91.7(6)
O(5)-P(1)-O(6)#6	70.6(5)	Mo(1)#4-O(5)-Mo(1)#3	91.7(6)
O(6)#4-P(1)-O(6)#6	109.6(5)	P(1)-O(6)-Mo(2)#4	123.8(4)
O(6)#1-P(1)-O(6)#6	70.4(5)	O(5)#3-O(6)-Mo(2)#4	131.3(3)
O(6)#7-P(1)-O(6)#6	180	O(6)#4-O(6)-Mo(2)#4	69.0(3)
O(5)#3-P(1)-O(6)#3	109.4(5)	O(6)#6-O(6)-Mo(2)#4	131.5(10)
O(5)-P(1)-O(6)#3	70.6(5)	P(1)-O(6)-Mo(2)	123.8(4)
O(6)#4-P(1)-O(6)#3	109.6(5)	O(5)#3-O(6)-Mo(2)	131.3(3)
O(6)#1-P(1)-O(6)#3	70.4(5)	O(6)#4-O(6)-Mo(2)	131.5(10)
O(6)#7-P(1)-O(6)#3	70.4(5)	O(6)#6-O(6)-Mo(2)	69.0(3)
O(6)#6-P(1)-O(6)#3	109.6(5)	Mo(2)#4-O(6)-Mo(2)	92.2(4)
O(5)#3-P(1)-O(6)	70.6(5)	P(1)-O(6)-Mo(1)	123.5(7)
O(5)-P(1)-O(6)	109.4(5)	O(5)#3-O(6)-Mo(1)	69.1(7)
O(6)#4-P(1)-O(6)	70.4(5)	O(6)#4-O(6)-Mo(1)	131.2(8)
O(6)#1-P(1)-O(6)	109.6(5)	O(6)#6-O(6)-Mo(1)	131.2(8)
O(6)#7-P(1)-O(6)	109.6(5)	Mo(2)#4-O(6)-Mo(1)	92.2(4)
O(6)#6-P(1)-O(6)	70.4(5)	Mo(2)-O(6)-Mo(1)	92.2(4)

O(6)#3-P(1)-O(6)	180	P(1)-O(5)-O(6)#3	55.0(7)
Mo(1)-O(3)-Mo(2)	137.9(4)	P(1)-O(5)-O(6)#4	55.0(7)
Mo(2)#6-O(7)-Mo(2)	139.2(6)	O(6)#3-O(5)-O(6)#4	90.4(10)
Mo(1)-O(1)-Mo(1)#7	138.7(6)	O(5)#3-O(6)-O(6)#4	89.7(6)
P(1)-O(6)-O(5)#3	54.4(7)	P(1)-O(6)-O(6)#6	54.8(2)
P(1)-O(6)-O(6)#4	54.8(2)	O(5)#3-O(6)-O(6)#6	89.7(6)
C(1)-N(1)-C(2)	107.3(18)	O(6)#4-O(6)-O(6)#6	90.2(11)
C(1)-N(1)-Ag(1)	131.3(15)	N(1)-C(1)-N(2)	112.8(17)
C(2)-N(1)-Ag(1)	119.9(14)	N(1)-C(1)-H(1)	123.6
C(1)-N(2)-N(3)	107.3(17)	N(2)-C(1)-H(1)	123.6
N(2)-N(3)-C(2)	105.6(17)	N(1)-C(2)-N(3)	107.0(18)
N(3)-C(2)-H(2)	126.5	N(1)-C(2)-H(2)	126.5

Table S2. Selected bond lengths and angles of Compound **2**

Bond	Lengths	Bond	Lengths
C(1)-N(2)	129.6(11)	N(5)-N(6)	138.3(9)
C(1)-N(1)	132.3(11)	N(8)-N(9)	137.9(9)
C(1)-H(1)	93	N(10)-N(11)	138.8(10)
C(2)-N(3)	130.9(11)	N(13)-C(6)#3	133.5(10)
C(2)-N(1)	134.1(11)	N(13)-C(5)#3	134.0(10)
C(2)-H(2)	93	O(21)-Mo(5)#4	188.4(7)
C(3)-N(6)	131.1(9)	O(21)-Mo(2)	188.8(7)
C(3)-N(7)	134.8(10)	O(22)-Mo(2)	188.9(7)
C(3)-H(3)	93	O(22)-Mo(4)#4	189.5(7)
C(4)-N(5)	132.1(10)	0(1)-Mo(2)	165.1(5)
C(4)-N(7)	134.5(10)	0(2)-Mo(3)	186.6(6)
C(4)-H(4)	93	0(2)-Mo(2)	194.9(7)
C(5)-N(8)	131.7(9)	0(3)-Mo(5)	184.4(6)
C(5)-N(13)#1	134.0(10)	0(3)-Mo(6)	196.1(6)
C(5)-H(5)	93	0(4)-Mo(1)	187.9(6)
C(6)-N(9)	131.9(10)	0(4)-Mo(6)	190.5(6)
C(6)-N(13)#1	133.5(10)	0(5)-Mo(4)	167.5(5)
C(6)-H(6)	93	0(6)-Mo(3)	188.0(7)
C(7)-N(10)	131.1(10)	0(6)-Mo(1)	192.3(6)
C(7)-N(12)	133.8(10)	0(7)-Mo(1)	190.5(6)
C(7)-H(7)	93	0(7)-Mo(5)	190.6(6)
C(8)-N(11)	131.9(10)	0(8)-Mo(6)	183.1(6)
C(8)-N(12)	132.6(10)	0(8)-Mo(4)#4	196.5(7)
C(8)-H(8)	93	0(9)-Mo(3)	166.3(6)
N(2)-N(3)	135.6(10)	0(10)-Mo(4)	187.1(6)
0(11)-Mo(3)#4	193.5(7)	0(10)-Mo(3)	191.6(6)
0(12)-Mo(5)	165.9(6)	0(11)-Mo(6)	189.8(6)
0(13)-Mo(1)	164.3(6)	P(1)-0(19)#4	158.3(9)

0(14)-Mo(1)	188.2(6)	Mo(2)-0(19)#4	245.0(9)
0(14)-Mo(2)	190.1(7)	Mo(3)-0(11)#4	193.5(7)
0(15)-Mo(6)	165.7(6)	Mo(4)-O(22)#4	189.5(7)
0(16)-P(1)	151.3(9)	Mo(4)-0(8)#4	196.5(7)
0(16)-0(17)#4	167.8(12)	Mo(5)-O(21)#4	188.4(7)
0(16)-0(18)	176.4(13)	Mo(6)-0(16)#4	244.4(9)
0(16)-Mo(6)#4	244.4(9)	0(18)-Mo(1)	241.7(9)
0(16)-Mo(4)	250.1(9)	0(18)-Mo(3)	244.3(9)
0(16)-Mo(3)	251.2(9)	0(18)-Mo(2)	252.7(9)
0(17)-P(1)	149.9(9)	0(19)-P(1)	158.3(9)
0(17)-0(16)#4	167.8(12)	0(19)-Mo(5)	239.5(9)
0(17)-0(18)	171.2(12)	0(19)-Mo(4)	243.4(10)
0(17)-0(19)	178.2(13)	0(19)-Mo(2)#4	245.0(9)
0(17)-Mo(1)	247.1(9)	0(20)-Mo(4)	183.4(7)
0(17)-Mo(5)	248.8(9)	0(20)-Mo(5)	195.3(6)
0(17)-Mo(6)	249.4(9)	P(1)-0(17)#4	149.9(9)
0(18)-P(1)	154.5(9)	P(1)-0(16)#4	151.3(9)
P(1)-0(19)#4	158.3(9)	Mo(4)-0(8)#4	196.5(7)
Mo(2)-0(19)#4	245.0(9)	Mo(5)-O(21)#4	188.4(7)
Mo(3)-0(11)#4	193.5(7)	Mo(6)-0(16)#4	244.4(9)

Bond	Angles	Bond	Angles
N(2)-C(1)-N(1)	111.6(8)	0(13)-Mo(1)-0(7)	101.4(4)
N(2)-C(1)-H(1)	124.2	0(4)-Mo(1)-0(7)	87.9(3)
N(1)-C(1)-H(1)	124.2	0(14)-Mo(1)-0(7)	157.2(4)
N(3)-C(2)-N(1)	108.7(8)	0(13)-Mo(1)-0(6)	100.3(4)
N(3)-C(2)-H(2)	125.7	0(4)-Mo(1)-0(6)	157.7(4)
N(1)-C(2)-H(2)	125.7	0(14)-Mo(1)-0(6)	86.7(3)
N(6)-C(3)-N(7)	111.5(7)	0(7)-Mo(1)-0(6)	87.5(3)
N(6)-C(3)-H(3)	124.3	0(13)-Mo(1)-0(18)	158.6(4)
N(7)-C(3)-H(3)	124.3	0(4)-Mo(1)-0(18)	94.3(3)
N(5)-C(4)-N(7)	112.5(7)	0(14)-Mo(1)-0(18)	64.9(3)
N(5)-C(4)-H(4)	123.8	0(7)-Mo(1)-0(18)	92.8(3)
N(7)-C(4)-H(4)	123.8	0(6)-Mo(1)-0(18)	64.1(3)
N(8)-C(5)-N(13)#1	112.5(7)	0(13)-Mo(1)-0(17)	160.4(3)
N(8)-C(5)-H(5)	123.7	0(4)-Mo(1)-0(17)	63.8(3)
N(13)#1-C(5)-H(5)	123.7	0(14)-Mo(1)-0(17)	92.3(4)
N(9)-C(6)-N(13)#1	113.7(7)	0(7)-Mo(1)-0(17)	66.2(3)
N(9)-C(6)-H(6)	123.2	0(6)-Mo(1)-0(17)	94.4(4)
N(13)#1-C(6)-H(6)	123.2	0(18)-Mo(1)-0(17)	41.0(3)
N(10)-C(7)-N(12)	112.1(8)	0(1)-Mo(2)-O(21)	101.6(4)
N(10)-C(7)-H(7)	124	0(1)-Mo(2)-O(22)	101.8(4)
N(12)-C(7)-H(7)	124	O(21)-Mo(2)-O(22)	89.4(3)
N(11)-C(8)-N(12)	113.8(8)	0(1)-Mo(2)-0(14)	102.3(3)
N(11)-C(8)-H(8)	123.1	O(21)-Mo(2)-0(14)	155.9(4)

N(12)-C(8)-H(8)	123.1	O(22)-Mo(2)-0(14)	88.7(3)
C(1)-N(1)-C(2)	105.5(8)	0(1)-Mo(2)-0(2)	101.0(3)
C(1)-N(2)-N(3)	105.8(7)	O(21)-Mo(2)-0(2)	86.1(4)
C(1)-N(2)-Ag(2)	126.0(6)	O(22)-Mo(2)-0(2)	157.2(4)
N(3)-N(2)-Ag(2)	128.2(5)	0(14)-Mo(2)-0(2)	86.4(3)
C(2)-N(3)-N(2)	108.4(7)	0(1)-Mo(2)-0(19)#4	157.9(3)
C(2)-N(3)-Ag(1)	123.7(6)	O(21)-Mo(2)-0(19)#4	62.6(4)
N(2)-N(3)-Ag(1)	127.6(5)	O(22)-Mo(2)-0(19)#4	64.7(4)
C(4)-N(5)-N(6)	105.1(6)	0(14)-Mo(2)-0(19)#4	95.1(3)
C(4)-N(5)-Ag(5)#2	130.7(6)	0(2)-Mo(2)-0(19)#4	93.5(4)
N(6)-N(5)-Ag(5)#2	123.9(5)	0(1)-Mo(2)-0(18)	157.7(3)
C(3)-N(6)-N(5)	107.3(6)	O(21)-Mo(2)-0(18)	94.0(4)
C(3)-N(6)-Ag(2)	124.0(5)	O(22)-Mo(2)-0(18)	94.2(4)
N(5)-N(6)-Ag(2)	127.7(5)	0(14)-Mo(2)-0(18)	62.2(3)
C(4)-N(7)-C(3)	103.7(6)	0(2)-Mo(2)-0(18)	63.9(3)
C(4)-N(7)-Ag(4)	130.1(5)	0(19)#4-Mo(2)-0(18)	44.4(3)
C(3)-N(7)-Ag(4)	126.2(5)	0(9)-Mo(3)-0(2)	102.7(4)
C(5)-N(8)-N(9)	106.4(6)	0(9)-Mo(3)-0(6)	101.8(4)
C(5)-N(8)-Ag(3)	128.8(5)	0(2)-Mo(3)-0(6)	90.2(3)
N(9)-N(8)-Ag(3)	120.6(5)	0(9)-Mo(3)-0(10)	101.3(4)
C(6)-N(9)-N(8)	104.8(6)	0(2)-Mo(3)-0(10)	155.8(4)
C(6)-N(9)-Ag(5)	128.3(6)	0(6)-Mo(3)-0(10)	88.1(3)
N(8)-N(9)-Ag(5)	126.6(5)	0(9)-Mo(3)-0(11)#4	100.8(3)
C(7)-N(10)-N(11)	106.7(7)	0(2)-Mo(3)-0(11)#4	86.9(3)
C(7)-N(10)-Ag(3)	140.1(6)	0(6)-Mo(3)-0(11)#4	157.2(4)
N(11)-N(10)-Ag(3)	112.5(5)	0(10)-Mo(3)-0(11)#4	85.4(3)
C(8)-N(11)-N(10)	104.2(7)	0(9)-Mo(3)-0(18)	161.2(3)
C(8)-N(11)-Ag(5)#2	133.2(6)	0(2)-Mo(3)-0(18)	66.7(3)
N(10)-N(11)-Ag(5)#2	107.1(5)	0(6)-Mo(3)-0(18)	64.1(4)
C(8)-N(12)-C(7)	103.3(7)	0(10)-Mo(3)-0(18)	91.0(3)
C(8)-N(12)-Ag(6)	125.6(6)	0(11)#4-Mo(3)-0(18)	94.2(3)
C(7)-N(12)-Ag(6)	128.9(5)	0(9)-Mo(3)-0(16)	157.1(3)
C(6)#3-N(13)-C(5)#3	102.6(7)	0(2)-Mo(3)-0(16)	93.2(4)
C(6)#3-N(13)-Ag(6)	126.5(6)	0(6)-Mo(3)-0(16)	94.5(4)
C(5)#3-N(13)-Ag(6)	129.5(5)	0(10)-Mo(3)-0(16)	62.9(3)
Mo(5)#4-O(21)-Mo(2)	139.5(5)	0(11)#4-Mo(3)-0(16)	63.2(3)
Mo(2)-O(22)-Mo(4)#4	137.1(5)	0(18)-Mo(3)-0(16)	41.7(3)
Mo(3)-0(2)-Mo(2)	137.5(4)	0(5)-Mo(4)-0(20)	102.5(4)
Mo(5)-0(3)-Mo(6)	139.2(4)	0(5)-Mo(4)-0(10)	100.3(3)
Mo(1)-0(4)-Mo(6)	141.1(5)	0(20)-Mo(4)-0(10)	91.2(3)
Mo(3)-0(6)-Mo(1)	137.4(5)	0(5)-Mo(4)-O(22)#4	102.8(4)
Mo(1)-0(7)-Mo(5)	136.1(4)	0(20)-Mo(4)-O(22)#4	89.5(3)
Mo(6)-0(8)-Mo(4)#4	137.3(4)	0(10)-Mo(4)-O(22)#4	156.2(4)
Mo(4)-0(10)-Mo(3)	142.2(4)	0(5)-Mo(4)-0(8)#4	99.4(3)

Mo(6)-0(11)-Mo(3)#4	138.0(4)	0(20)-Mo(4)-0(8)#4	158.1(4)
Mo(1)-0(14)-Mo(2)	140.5(5)	0(10)-Mo(4)-0(8)#4	85.8(3)
P(1)-0(16)-0(17)#4	55.8(4)	O(22)#4-Mo(4)-0(8)#4	84.7(3)
P(1)-0(16)-0(18)	55.6(4)	0(5)-Mo(4)-0(19)	160.2(3)
0(17)#4-0(16)-0(18)	94.0(6)	0(20)-Mo(4)-0(19)	63.5(4)
P(1)-0(16)-Mo(6)#4	127.5(5)	0(10)-Mo(4)-0(19)	94.2(3)
0(17)#4-0(16)-Mo(6)#4	71.8(4)	O(22)#4-Mo(4)-0(19)	65.0(3)
0(18)-0(16)-Mo(6)#4	136.3(5)	0(8)#4-Mo(4)-0(19)	95.0(3)
P(1)-0(16)-Mo(4)	121.9(5)	0(5)-Mo(4)-0(16)	156.3(3)
0(17)#4-0(16)-Mo(4)	131.6(6)	0(20)-Mo(4)-0(16)	95.4(4)
0(18)-0(16)-Mo(4)	125.6(5)	0(10)-Mo(4)-0(16)	63.6(3)
Mo(6)#4-0(16)-Mo(4)	91.3(3)	O(22)#4-Mo(4)-0(16)	92.7(4)
P(1)-0(16)-Mo(3)	122.7(5)	0(8)#4-Mo(4)-0(16)	63.9(3)
0(17)#4-0(16)-Mo(3)	133.1(6)	0(19)-Mo(4)-0(16)	43.5(3)
0(18)-0(16)-Mo(3)	67.1(4)	0(12)-Mo(5)-0(3)	101.5(3)
Mo(6)#4-0(16)-Mo(3)	92.4(3)	0(12)-Mo(5)-O(21)#4	101.2(4)
Mo(4)-0(16)-Mo(3)	91.2(3)	0(3)-Mo(5)-O(21)#4	90.4(3)
P(1)-0(17)-0(16)#4	56.6(4)	0(12)-Mo(5)-0(7)	100.6(3)
P(1)-0(17)-0(18)	57.1(4)	0(3)-Mo(5)-0(7)	89.5(3)
0(16)#4-0(17)-0(18)	95.0(6)	O(21)#4-Mo(5)-0(7)	157.8(4)
P(1)-0(17)-0(19)	56.9(4)	0(12)-Mo(5)-0(20)	100.6(4)
0(16)#4-0(17)-0(19)	92.5(6)	0(3)-Mo(5)-0(20)	157.9(4)
0(18)-0(17)-0(19)	91.3(6)	O(21)#4-Mo(5)-0(20)	85.8(3)
P(1)-0(17)-Mo(1)	124.9(5)	0(7)-Mo(5)-0(20)	85.9(3)
0(16)#4-0(17)-Mo(1)	133.7(6)	0(12)-Mo(5)-0(19)	157.3(3)
0(18)-0(17)-Mo(1)	67.8(4)	0(3)-Mo(5)-0(19)	95.8(3)
0(19)-0(17)-Mo(1)	128.8(5)	O(21)#4-Mo(5)-0(19)	63.8(4)
P(1)-0(17)-Mo(5)	122.8(5)	0(7)-Mo(5)-0(19)	94.1(3)
0(16)#4-0(17)-Mo(5)	129.3(6)	0(20)-Mo(5)-0(19)	63.0(4)
0(18)-0(17)-Mo(5)	128.7(6)	0(12)-Mo(5)-0(17)	159.9(3)
0(19)-0(17)-Mo(5)	65.9(4)	0(3)-Mo(5)-0(17)	65.2(3)
Mo(1)-0(17)-Mo(5)	90.9(3)	O(21)#4-Mo(5)-0(17)	94.2(4)
P(1)-0(17)-Mo(6)	125.1(5)	0(7)-Mo(5)-0(17)	65.8(3)
0(16)#4-0(17)-Mo(6)	68.5(4)	0(20)-Mo(5)-0(17)	93.3(4)
0(18)-0(17)-Mo(6)	133.2(6)	0(19)-Mo(5)-0(17)	42.8(3)
0(19)-0(17)-Mo(6)	131.2(5)	0(15)-Mo(6)-0(8)	102.7(4)
Mo(1)-0(17)-Mo(6)	91.9(3)	0(15)-Mo(6)-0(11)	102.5(4)
Mo(5)-0(17)-Mo(6)	91.4(3)	0(8)-Mo(6)-0(11)	91.1(3)
P(1)-0(18)-0(17)	54.5(4)	0(15)-Mo(6)-0(4)	101.4(4)
P(1)-0(18)-0(16)	53.9(4)	0(8)-Mo(6)-0(4)	90.1(3)
0(17)-0(18)-0(16)	92.1(6)	0(11)-Mo(6)-0(4)	155.2(4)
P(1)-0(18)-Mo(1)	125.7(5)	0(15)-Mo(6)-0(3)	100.5(4)
0(17)-0(18)-Mo(1)	71.2(4)	0(8)-Mo(6)-0(3)	156.8(4)
0(16)-0(18)-Mo(1)	136.3(6)	0(11)-Mo(6)-0(3)	85.0(3)

P(1)-0(18)-Mo(3)	125.2(5)	0(4)-Mo(6)-0(3)	84.2(3)
0(17)-0(18)-Mo(3)	137.1(6)	0(15)-Mo(6)-0(16)#4	162.5(4)
0(16)-0(18)-Mo(3)	71.3(4)	0(8)-Mo(6)-0(16)#4	66.7(3)
Mo(1)-0(18)-Mo(3)	93.6(3)	0(11)-Mo(6)-0(16)#4	65.1(3)
P(1)-0(18)-Mo(2)	119.6(5)	0(4)-Mo(6)-0(16)#4	92.8(3)
0(17)-0(18)-Mo(2)	128.0(5)	0(3)-Mo(6)-0(16)#4	91.0(3)
0(16)-0(18)-Mo(2)	127.8(5)	0(15)-Mo(6)-0(17)	157.7(4)
Mo(1)-0(18)-Mo(2)	92.2(3)	0(8)-Mo(6)-0(17)	93.6(4)
Mo(3)-0(18)-Mo(2)	91.3(3)	0(11)-Mo(6)-0(17)	92.1(3)
P(1)-0(19)-0(17)	52.5(4)	0(4)-Mo(6)-0(17)	63.0(3)
P(1)-0(19)-Mo(5)	123.9(5)	0(3)-Mo(6)-0(17)	63.8(3)
0(17)-0(19)-Mo(5)	71.4(4)	0(16)#4-Mo(6)-0(17)	39.7(3)
P(1)-0(19)-Mo(4)	122.3(5)	N(6)-Ag(2)-Ag(3)	82.96(18)
0(17)-0(19)-Mo(4)	132.3(6)	N(2)-Ag(2)-Ag(3)	105.10(17)
Mo(5)-0(19)-Mo(4)	94.4(3)	N(10)-Ag(3)-Ag(5)#2	74.2(2)
P(1)-0(19)-Mo(2)#4	122.0(5)	N(8)-Ag(3)-Ag(5)#2	88.09(19)
0(17)-0(19)-Mo(2)#4	132.7(6)	N(10)-Ag(3)-Ag(2)	61.68(18)
Mo(5)-0(19)-Mo(2)#4	93.8(3)	N(8)-Ag(3)-Ag(2)	106.41(18)
Mo(4)-0(19)-Mo(2)#4	92.3(3)	Ag(5)#2-Ag(3)-Ag(2)	73.87(2)
Mo(4)-0(20)-Mo(5)	138.7(5)	N(5)#2-Ag(5)-Ag(3)#2	84.7(2)
0(17)-P(1)-0(17)#4	180	N(9)-Ag(5)-Ag(3)#2	92.9(2)
0(17)-P(1)-0(16)#4	67.7(5)	N(11)#2-Ag(5)-Ag(3)#2	59.67(16)
0(17)#4-P(1)-0(16)#4	112.3(5)	0(16)#4-P(1)-0(18)#4	70.4(5)
0(17)-P(1)-0(16)	112.3(5)	0(16)-P(1)-0(18)#4	109.6(5)
0(17)#4-P(1)-0(16)	67.7(5)	0(18)-P(1)-0(18)#4	180
0(16)#4-P(1)-0(16)	180.0(7)	0(17)-P(1)-0(19)	70.6(5)
0(17)-P(1)-0(18)	68.4(5)	0(17)#4-P(1)-0(19)	109.4(5)
0(17)#4-P(1)-0(18)	111.6(5)	0(16)#4-P(1)-0(19)	107.7(5)
0(16)#4-P(1)-0(18)	109.6(5)	0(16)-P(1)-0(19)	72.3(5)
0(16)-P(1)-0(18)	70.4(5)	0(18)-P(1)-0(19)	106.0(5)
0(17)-P(1)-0(18)#4	111.6(5)	0(18)#4-P(1)-0(19)	74.0(5)
0(17)#4-P(1)-0(18)#4	68.4(5)	0(17)-P(1)-0(19)#4	109.4(5)
0(18)-P(1)-0(19)#4	74.0(5)	0(17)#4-P(1)-0(19)#4	70.6(5)
0(18)#4-P(1)-0(19)#4	106.0(5)	0(16)#4-P(1)-0(19)#4	72.3(5)
0(19)-P(1)-0(19)#4	180.0(5)	0(16)-P(1)-0(19)#4	107.7(5)
0(13)-Mo(1)-0(4)	102.1(4)	0(13)-Mo(1)-0(14)	101.3(4)