Supplementary Information

Metal-organic frameworks with oxazoline-containing tripodal ligand: structure changes *via* reaction medium and metal-to-ligand ratio

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Table S1 Distances [Å] and angles [°] of hydrogen bonding for complexes **1**-**6**[a]

D-H···A [b]	Distance (D···A [b])	D-H-A [b]	Angle (D-H-A [b])
		1	
C(8)-H(8A)···O(1W)	3.345(12)	C(8)-H(8A)-O(1W)	135
C(9)-H(9B)···O(15)$^{\#1}$	3.428(11)	C(9)-H(9B)-O(15)$^{\#1}$	156
C(15)-H(15B)···O(25)$^{\#2}$	3.378(15)	C(15)-H(15B)-O(25)$^{\#2}$	142
C(23)-H(23B)···O(14)$^{\#1}$	3.367(11)	C(23)-H(23B)-O(14)$^{\#1}$	156
C(27)-H(27B)···O(17)$^{\#3}$	3.029(15)	C(27)-H(27B)-O(17)$^{\#3}$	117

C(41)-H(41B)···O(2W)$^{\#4}$	3.119(15)	C(41)-H(41B)-O(2W)$^{\#4}$	122
C(44)-H(44A)···O(13)$^{\#5}$	3.296(10)	C(44)-H(44A)-O(13)$^{\#5}$	143
C(51)-H(51A)···O(21)$^{\#6}$	3.338(19)	C(51)-H(51A)-O(21)$^{\#6}$	142
C(53)-H(53A)···O(26)$^{\#6}$	3.40(3)	C(53)-H(53A)-O(26)$^{\#6}$	142
C(54)-H(54A)···O(17)$^{\#6}$	3.256(18)	C(54)-H(54A)-O(17)$^{\#6}$	133
C(57)-H(57B)···O(18)$^{\#5}$	3.34(2)	C(57)-H(57B)-O(18)$^{\#5}$	155
C(59)-H(59A)···O(25)$^{\#7}$	3.361(17)	C(59)-H(59A)-O(25)$^{\#7}$	165
C(59)-H(59B)···O(5)$^{\#3}$	3.247(8)	C(59)-H(59B)-O(5)$^{\#3}$	147
		2	
C(5)-H(5B)···O(6)	3.406(11)	C(5)-H(5B)-O(6)	165
C(12)-H(12A)···O(6)$^{\#8}$	3.406(15)	C(12)-H(12A)-O(6)$^{\#8}$	147
C(12)-H(12C)···O(4)$^{\#9}$	3.383(16)	C(12)-H(12C)-O(4) $^{\#9}$	156
		3	
C(6)-H(3)···O(33)	3.39(3)	C(6)-H(3)-O(33)	155
C(32)-H(9)···O(22)$^{\#10}$	3.53(2)	C(32)-H(9)-O(22$^{\#10}$	173
C(33)-H(10)···O(31)$^{\#10}$	3.16(4)	C(33)-H(10)-O(31)$^{\#10}$	158
C(233)-H(31)···O(15)$^{\#11}$	3.50(4)	C(233)-H(31)-O(15)$^{\#11}$	165
		4	
O1W-H1WA···N3$^{\#12}$	2.871(5)	O1W-H1WA-N3$^{\#12}$	160(4)
O1W-H1WB···O4	2.935(6)	O1W-H1WB-O4	164(3)
C4-H4A···O1W$^{\#12}$	3.315(6)	C4-H4A-O1W$^{\#12}$	162
C12-H12A···O6$^{\#13}$	3.369(7)	C12-H12A-O6$^{\#13}$	143
C14-H14A···O6$^{\#14}$	3.338(7)	C14-H14A-O6$^{\#14}$	137
C14-H14B···O5$^{\#15}$	3.433(8)	C14-H14B-O5$^{\#15}$	164
C17-H17A···O1W$^{\#16}$	3.251(7)	C17-H17A-O1W$^{\#16}$	163(3)
		5	
C(6)-H(6A)···Br(2)	3.712(7)	C(6)-H(6A)-Br(2)	157
		6	
C(6)-H(6A)···Br(4)	3.740(11)	C(6)-H(6A)-Br(4)	165
C(12)-H(12B)···Br(4)$^{\#17}$	3.617(14)	C(12)-H(12B)-Br(4)$^{\#17}$	132
C(14)-H(14B)···Br(4)$^{\#18}$	3.842(11)	C(14)-H(14B)-Br(4)$^{\#18}$	165

[a] Symmetry transformations are used to generate equivalent atoms: #1 2-x, 1-y, 1-z; #2 1-x, 2-y, 1-z; #3 1-x, 1-y, 1-z; #4 1-x, -1-y, 1-z; #5 1-x, -y, 1-z; #6 -x, 1-y, 1-z; #7 x, -1+y, z; #8

-1/3+x, -2/3+x-y, -1/6+z; #9 1/3-y, -1/3+x-y, -1/3+z; #10 -x, -1/2+y, 1-z; #11 1/2-x, 1/2-y, z; #12 1-x, 1-y, -z; #13 -1+x, y, -1+z; #14 -1+x, 1+y, z; #15 x, 1+y, z; #16 2-x, 1-y, 1-z; #17 3/2-x, -y, z; #18 x, 1/2-y, 1/2-z.

[b] D: donor; A: acceptor.