Table S1. Selected bond Distances (Å) and Angles (°) of $[Ru_2(HNOCPh)_4(BF_4)(H_2O)]\bullet 2(acetone)$.

Ru1-Ru2	2.2793(4)	Ru2-N3	2.025(2)
Ru1-N1	2.027(2)	Ru2-N4	2.033(2)
Ru1-N2	2.021(2)	Ru2-O1	2.046(2)
Ru1-O3	2.0420(19)	Ru2-O2	2.0602(19)
Ru1-O4	2.0351(19)	Ru2-O5	2.280(2)
Ru1-F1	2.3265(19)		
N1-Ru1-N2	90.00(9)	N3-Ru2-N4	89.72(10)
N1-Ru1-O3	176.72(9)	N3-Ru2-O1	178.60(9)
N1-Ru1-O4	87.75(9)	N3-Ru2-O2	92.26(9)
N2-Ru1-O3	92.87(8)	N4-Ru2-O1	88.90(9)
N2-Ru1-O4	177.74(8)	N4-Ru2-O2	177.37(9)
O3-Ru1-O4	89.37(8)	O1-Ru2-O2	89.11(8)
N1-Ru1-F1	94.07(8)	N3-Ru2-O5	92.52(9)
N2-Ru1-F1	91.24(8)	N4-Ru2-O5	91.05(8)
O3-Ru1-F1	87.46(8)	O1-Ru2-O5	87.73(8)
O4-Ru1-F1	89.14(7)	O2-Ru2-O5	90.59(8)
Ru2-Ru1-F1	177.77(5)	Ru1-Ru2-O5	178.04(6)

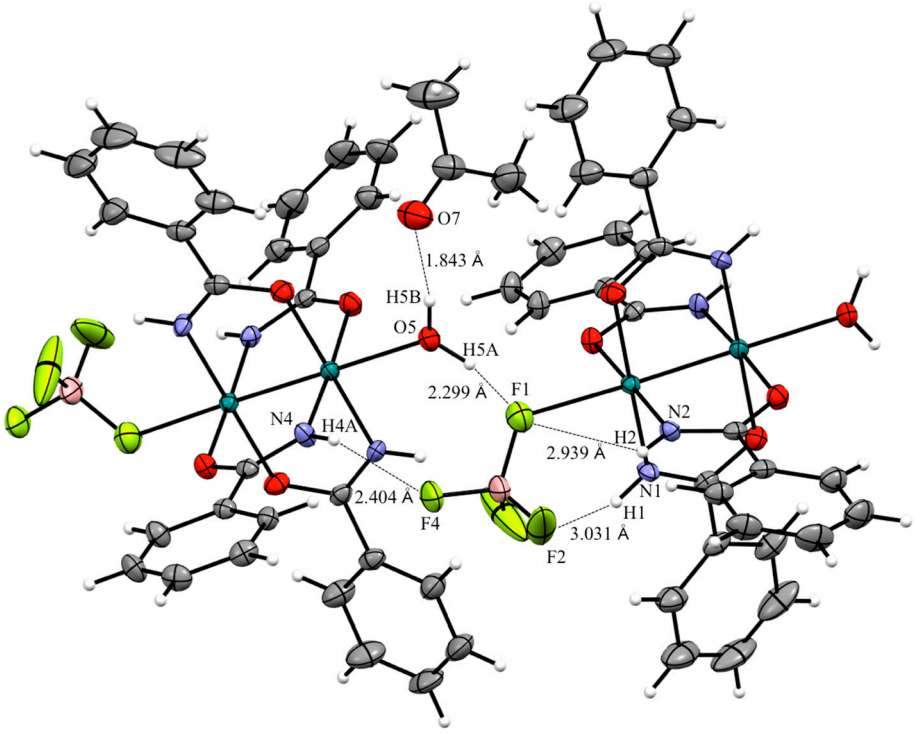

Figure S1. Hydrogen-bonding net-work in the crystal of $[Ru_2(HNOCPh)_4(BF_4)(H_2O)]\bullet 2(acetone)$.