

Supporting Information for

Introducing μ -Alkoxo- μ -7-Azaindolate Bridging Moiety in Molecular Magnetism: Ferromagnetic Superexchange inspite of Complementarity of Orbitals

Yi-Chian Chou, Shu-Fei Huang, Rajesh Koner, Gene-Hsiang Lee, Yu Wang, Sasankasekhar Mohanta,* and Ho-Hsiang Wei*

Figure S1. ORTEP representation (50% thermal ellipsoids) of one dinuclear unit in $[\text{Cu}^{\text{II}}_2(\text{L-H})(\mu\text{-C}_7\text{H}_5\text{N}_2)]\cdot\text{CH}_3\text{OH}$ (**2**) with atom level schemes. Selected bond lengths (Å) and angles (°): Cu(1)-O(1) = 1.907(7), Cu(1)-O(2) = 1.957(7), Cu(1)-N(1) = 1.918(8), Cu(1)-N(3) = 1.954(9), Cu(2)-O(2) = 1.955(6), Cu(2)-O(3) = 1.892(7), Cu(2)-N(2) = 1.929(8), Cu(2)-N(4) = 1.990(8), Cu(3)-O(4) = 1.917(7), Cu(3)-O(5) = 1.948(7), Cu(3)-N(5) = 1.916(8), Cu(3)-N(7) = 1.965(8), Cu(4)-O(6) = 1.889(7), Cu(4)-O(5) = 1.948(7), Cu(4)-N(6) = 1.915(7), Cu(4)-N(8) = 1.992(8), O(1)-Cu(1)-O(2) = 170.1(4), N(1)-Cu(1)-N(3) = 164.8(3), O(1)-Cu(1)-N(1) = 94.2(3), O(1)-Cu(1)-N(3) = 91.2(4), O(2)-Cu(1)-N(1) = 83.4(3), O(2)-Cu(1)-N(3) = 93.6(3), O(2)-Cu(2)-O(3) = 174.7(3), N(2)-Cu(2)-N(4) = 172.8(3), O(2)-Cu(2)-N(2) = 84.3(3), O(2)-Cu(2)-N(4) = 90.6(3), O(3)-Cu(2)-N(2) = 93.7(4), O(3)-Cu(2)-N(4) = 91.8(3), O(4)-Cu(3)-O(5) = 170.0(3), N(5)-Cu(3)-N(7) = 164.8(3), O(4)-Cu(3)-N(5) = 93.8(3), O(4)-Cu(3)-N(7) = 92.3(3), O(5)-Cu(3)-N(5) = 83.7(3), O(5)-Cu(3)-N(7) = 92.5(3), O(5)-Cu(4)-O(6) = 174.6(3), N(6)-Cu(4)-N(8) = 172.5(3), O(5)-Cu(4)-N(6) = 84.3(3), O(5)-Cu(4)-N(8) = 90.8(3), O(6)-Cu(4)-N(6) = 93.8(3), O(6)-Cu(4)-N(8) = 91.5(3).

