

Supporting Information

A Triple-Bridged Azido-Cu(II) Chain Compound fine-tuned by Mixed Carboxylate/Ethonal linkers Displays Slow-relaxation and Ferromagnetic Order: Synthesis, Crystal structure, Magnetic Property with DFT Calculation

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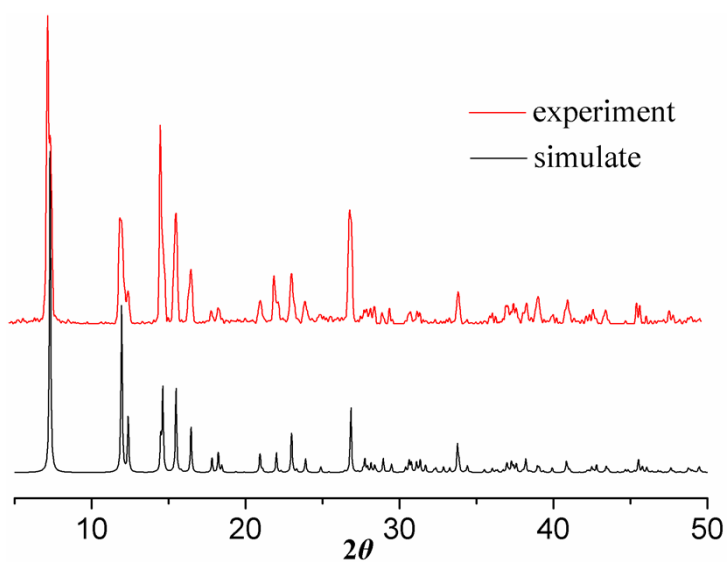
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Table S1. Selected Bond Lengths (Å) and Bond Angles (°) for **1**

1					
Cu(1)-O(1)	1.950(4)	Cu(1)-N(1)	1.988(5)	O(2)#2-Cu(1)-O(1)	178.07(18)
Cu(1)-O(3)	2.419(4)	Cu(1)-O(2)#2	1.943(4)	Cu(1)-N(1)-Cu(1)#1	105.2(2)
Cu(1)-N(1)#2	1.989(5)	Cu(1)#1-O(2)	1.943(4)	N(3)-N(2)-N(1)	179.1(8)
N(1)-N(2)	1.208(7)	N(2)-N(3)	1.131(7)	O(2)-C(1)-O(1)	127.0(6)
O(3)-C(8)	1.428(8)	F(1)-C(5)	1.365(7)	O(1)-Cu(1)-N(1)	91.00(19)
#1 $-x+3/2, y-1/2, -z+1/2$		#2 $-x+3/2, y+1/2, -z+1/2$			

**Figure S1.** PXRD patterns for complex **1**.