

Supporting Information

Unprecedented 2D Copper(I)-Cyanide Complex with 20-Member Metal

Ring: the Effect of the Co-ligand 4,5-diazafluoren-9-one

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Table S1 Selected bond lengths [\AA] for complex **1**.

1		1	
Cu1—N9	1.933 (11)	Cu3—N4	1.831 (4)
Cu1—C12	1.936 (11)	Cu3—C14	1.830 (5)
Cu1—N1	2.246 (9)	Cu3—C13'	1.831 (4)
Cu1—N2	2.382 (10)	Cu4—N5	1.977 (4)
Cu1'—N3'	1.909 (11)	Cu4—N6	2.077 (4)
Cu1'—N2	2.156 (10)	Cu4—C26	1.895 (5)
Cu2—C12'	1.829 (4)	Cu5—N7	2.071 (4)
Cu2—N4'	1.855 (5)	Cu5—N10	1.884 (3)
Cu2—C13	1.855 (5)	Cu5—N8 ⁱ	1.964 (4)
Cu2—N3	1.829 (4)	Symmetry code: (i) $-x-1, -y+1, -z$.	

Figure S1. The XRPD diagrams for complex **1**.

