Electronic Supplementary Information

Manganese(II)-carboxylate-pseudohalide systems derived from 1,4–bis(4-carboxylatopyridinium-1-methylene)benzene: structures and magnetism

Yan-Qin Wang, Qian Sun, Qi Yue, Ai-Ling Cheng, You Song and En-Qing Gao*

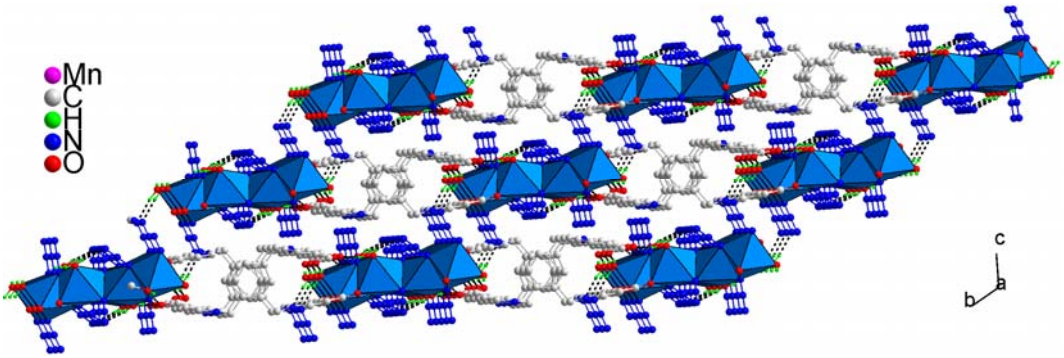

Fig. S1 The 3D hydrogen-bonding architecture of **2.**

Table S1. Hydrogen bond lengths [Å] and bond angles [º] for **2**

D-H···A	D-H	H···A	D-H···A	D···A
O1-H1W1···O6	0.862	1.835	170.51	2.689
O1-H1W2···N6[a]	0.838	2.055	172.21	2.888
O1-H1W2···N5[a]	0.838	2.544	146.85	3.278
O2-H2W2···O7[b]	0.706	1.947	165.01	2.636
O2-H2W1···N12[c]	0.910	1.927	171.88	2.830
O3-H3B···O6[b]	0.776	1.951	171.21	2.720

Symmetry codes: a: -x, -y, -z; b: x+1, y, z; c: -x+1, -y+1, -z.

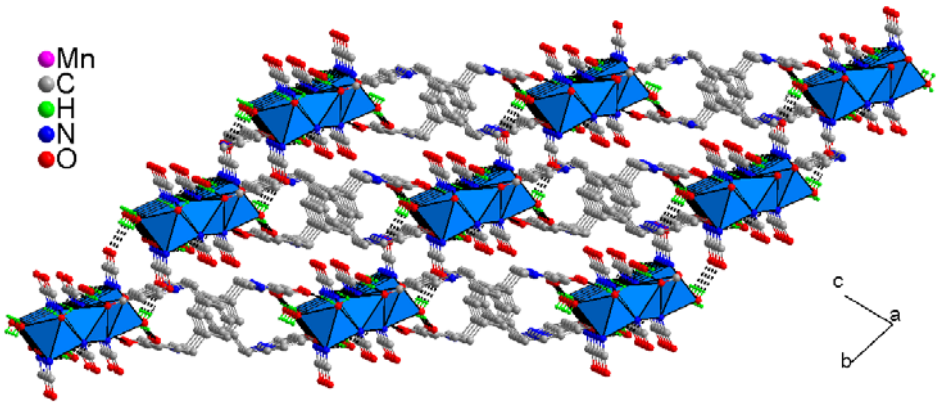

Fig. S2 The 3D hydrogen-bonding architecture of **3.**

Table S2. Hydrogen bond lengths [Å] and bond angles [º] for **3**

D-H···A	D-H	H···A	D-H···A	D···A
O1-H1W2···O10[a]	0.839	1.925	167.77	2.751
O1-H1W1···O8[b]	0.748	1.877	171.64	2.619
O2-H2W2···O9[b]	0.893	1.738	174.58	2.629
O2-H2W1···O5[c]	0.716	2.140	172.58	2.852
O10-H10B···O6	0.974	1.938	167.42	2.897
O10-H10A···N3[d]	0.940	2.075	170.96	3.007

Symmetry codes: a: -x+1, -y+1, -z+1; b: x+1, y, z; c: -x+2, -y, -z+1; d: x-1, y, z