Supporting Information

Co-Ligand Tuned Pyrimidine-2-carboxylate Mn(II) Complexes
from 2D $6^3$Layer to Interpenetrated Srs-net

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Figure S1. Photograph of the compound 2 crystal
Figure S2. PXRD patterns of simulated from the single-crystal data of compound 2 (black) and as-synthesized compound 2 (red).

Figure S3. The IR diagrams of compound 2

Figure S4. Thermal analyses of compound 2. TG curve, red; DTG curve, black.
Figure S5. Curie plot for complex 2. The red solid line is the best fit to the Curie-Weiss law.

Figure S6. The $d\chi_m T/dT$ plots of 2 in 2-50 K.