Supporting Information

Diversity in magnetic properties of 3D isomorphous networks of Co(II) and Mn(II) constructed by napthalene-1,4-dicarboxylate

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Fig. SI (1): TG analysis for 1 over the temperature range from 25- 500°C at a heating rate of $\beta= 5^\circ C \text{/ min}$ under the $N_2$ atmosphere.
Fig. SI (2a): View of the coordination environment of Mn(II) and the building unit of [Mn-μ-O₂]ₙ inorganic chain in 2.
**Fig. SI (2b)**: View of the 3D coordination framework of 2.
**Fig. SI(3):** magnetization vs. external magnetic field plots at 2K for 2.