

Accessory Materials

Manganese(II) Complexes with a Bulky Anthracene-based Dicarboxylic Ligand: Syntheses, Crystal Structures, and Magnetic Properties

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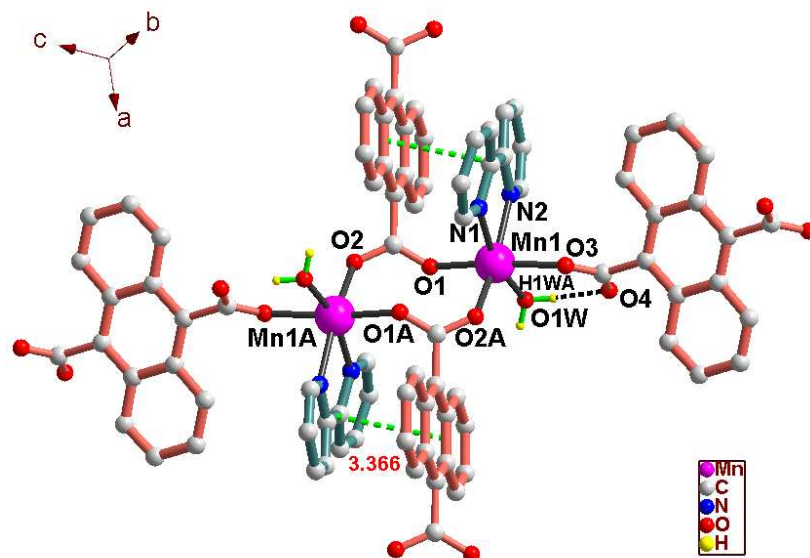


Fig. S1. View of the coordination environment of Mn^{II} in the centrosymmetric dinuclear unit of **1** showing O–H \cdots O H-bonding (black dashed lines) and $\pi\cdots\pi$ stacking (green dashed lines) interactions (Only H atoms of coordinated H_2O molecules involved in the O–H \cdots O H-bonding interactions were shown for clarity).

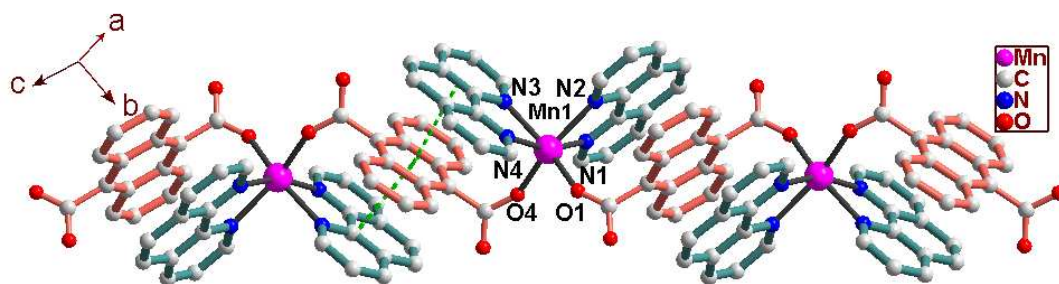


Fig. S2. View of the coordination environment of Mn^{II} in 1D polymeric chain of **2** showing intrachain $\pi\cdots\pi$ stacking interactions (green dashed lines) (All H atoms and the free H_2O molecules were omitted for clarity).

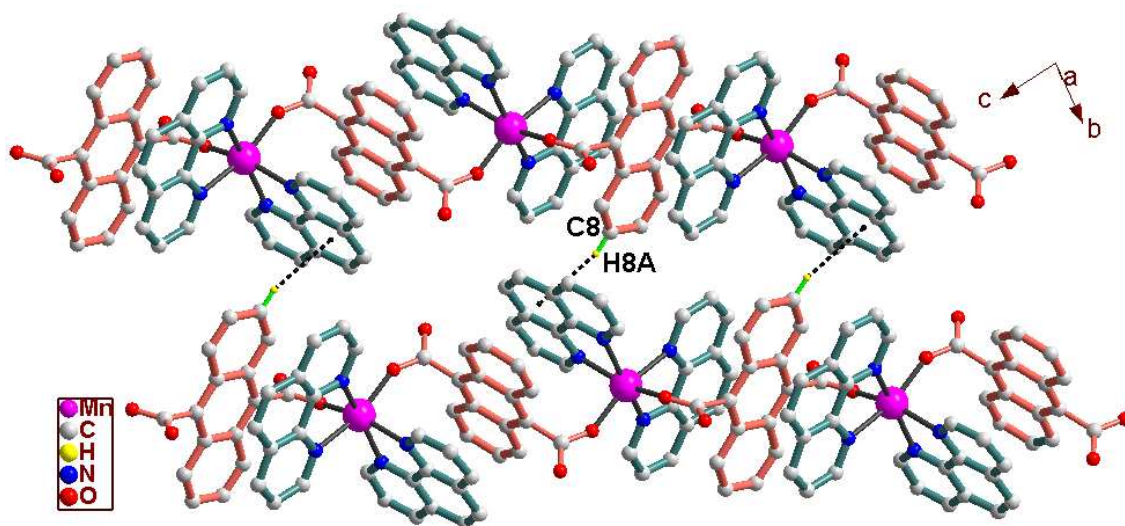


Fig. S3. View of the 2D network in **2** formed by C–H··· π interactions (black dashed lines) between the anthracene and phenanthroline rings of the adjacent 1D chains from another crystallographic direction different from Fig. 2 in the main text (Only H atoms involved in the C–H··· π interactions were shown and the free H₂O molecules were omitted for clarity).

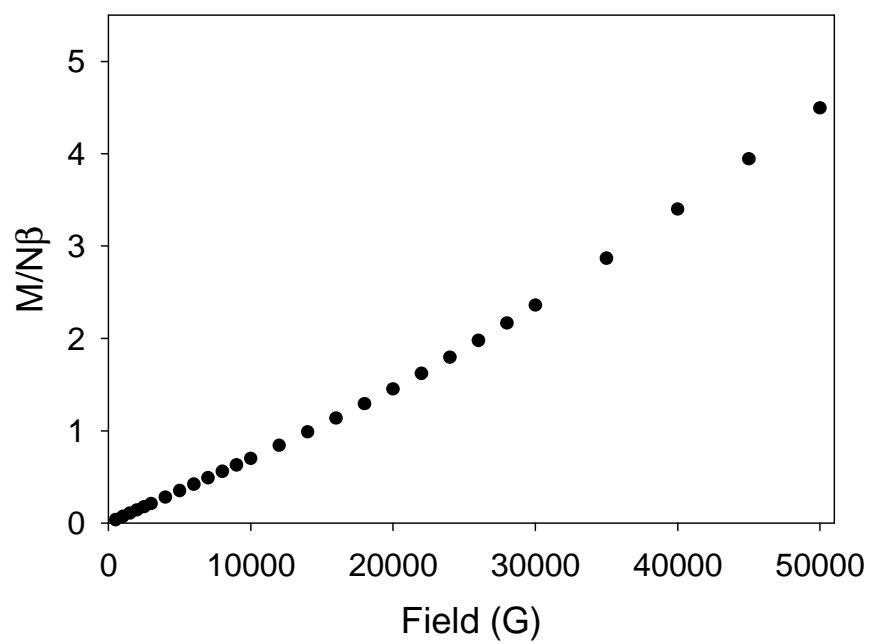


Fig. S4. Field dependence of the magnetization at 2 K for **1**.