

Supporting Information

Self-assembly of two high-nuclearity manganese calixarene-phosphonate clusters: diamond-Like Mn_{16} and drum-Like

Mn_{14}

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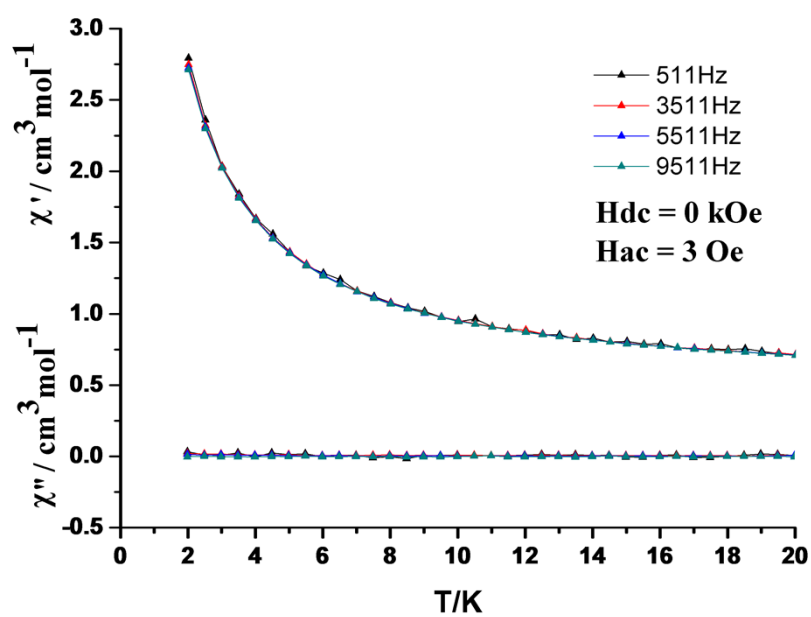


Figure S1. Plot of the in-phase (top) and out-of-phase (bottom) ac susceptibility for **2** in a zero dc field and a 3 Oe ac field.

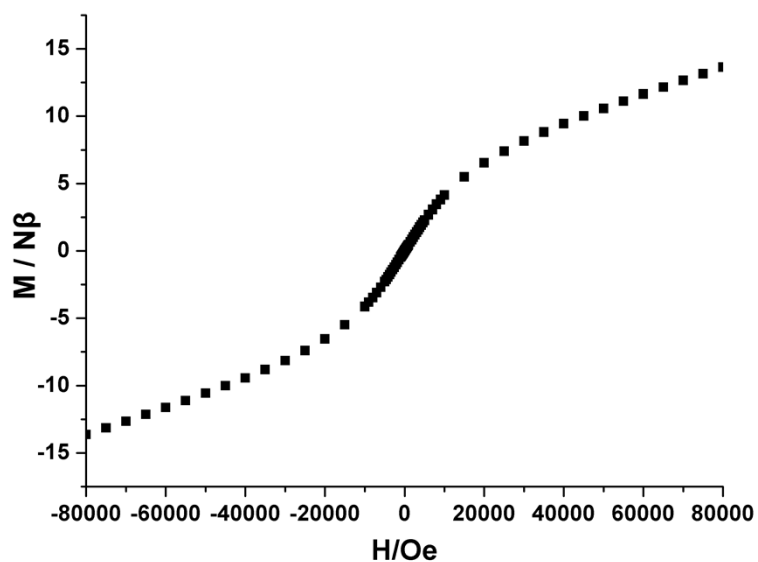


Figure S2. The field-dependencies of magnetization of **2** at 2 K in the -80-80 kOe range.

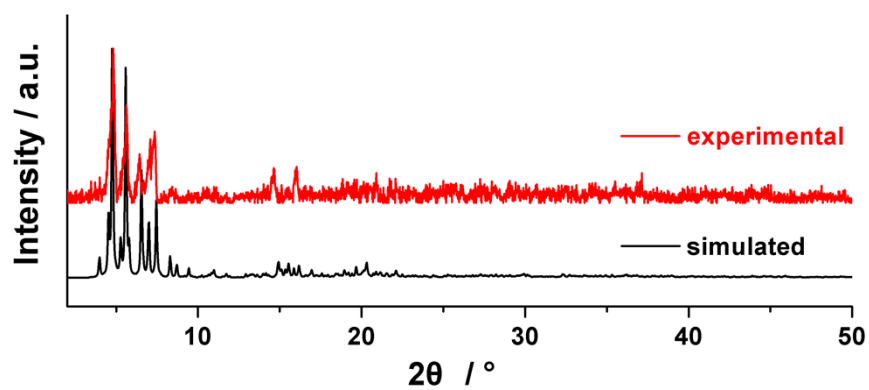


Figure. S3. PXRD of compound 1.

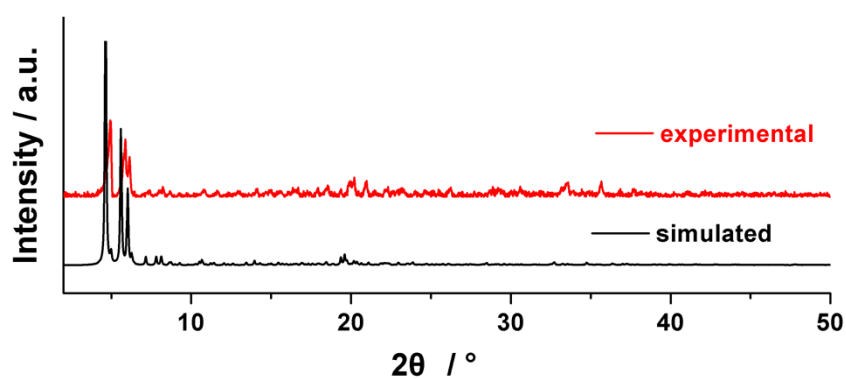


Figure. S4. PXRD of compound 2.

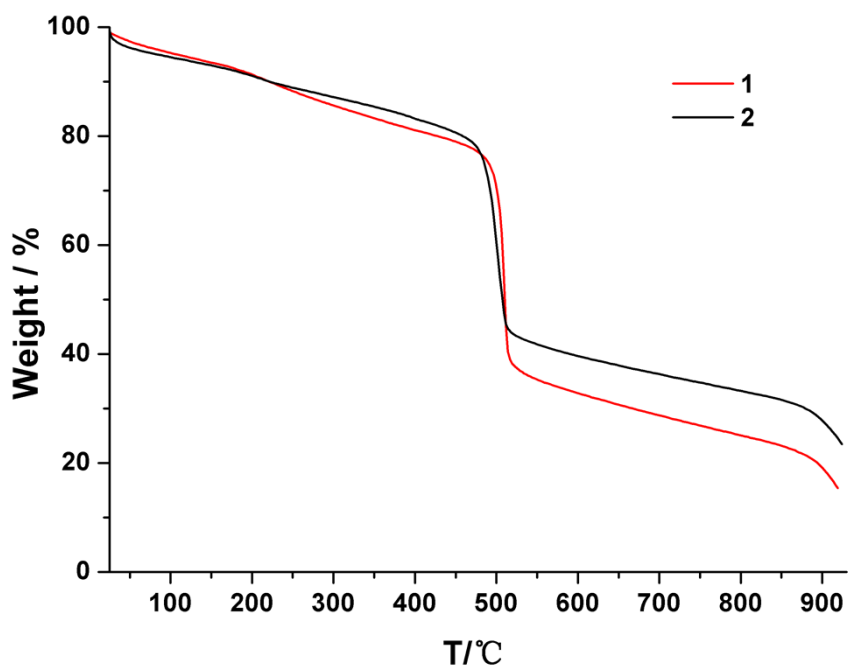


Figure. S5. The TG curves of compounds 1 and 2.