

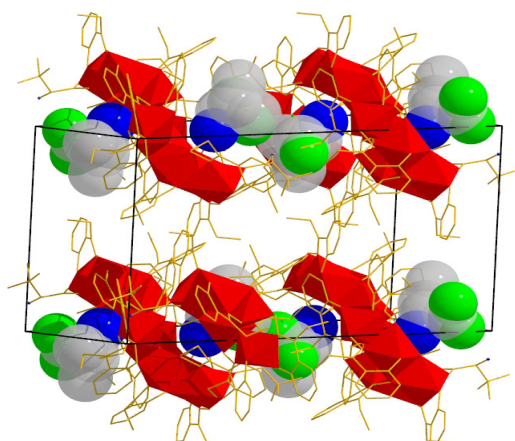


Fig. S1. The crystal packing of **1**·Val, showing the Mn polyhedra (red) and “free” Val (in spacefill mode). Water solvate molecules are omitted for clarity.

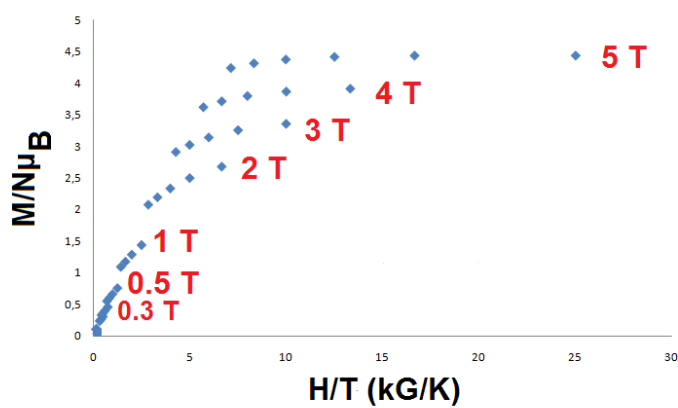


Fig. S2. Plot of the reduced magnetization data ($M/N\beta$) for **1** in the 0.3 – 5 T field and 1.8 – 8 K range

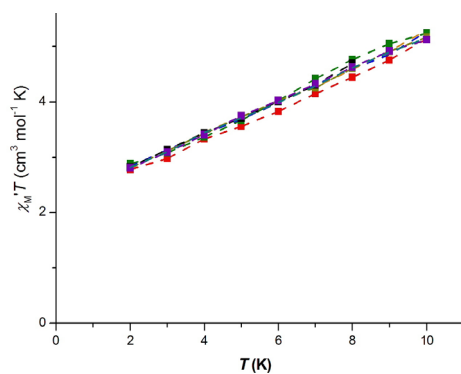


Fig. S3. Plot of the in-phase ac susceptibility measurement (as χ_M'/T versus T) for complex **1** at the 50-1000 Hz and 2-10 K range.