Supporting Information

Ligand field-tuned single-molecule magnet behaviour of 2p-4f complexes

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Scheme S2



Fig. S1. The molecular structure of **1**. Uncoordinated NIT-2Py radical and hydrogen atoms are not shown for the sake of clarity.



Fig. S2. Packing diagram of complex **2**. Hydrogen atoms are not shown for the sake of clarity.



Fig. S3. Packing diagram of complex 3. Hydrogen atoms are not shown for the sake of clarity.



Fig. S4. *M* versus *H* plot at 2K for **2**.