

Supporting Information

Imparting Hysteretic Behavior to Spin Transition in Neutral Mononuclear Complexes

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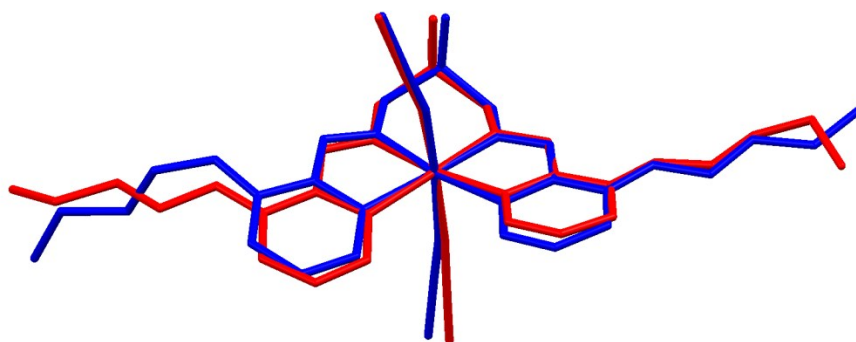


Figure S1. Minimized overlay of two independent complex molecules of **Me4** at 120 K. The main difference is due to different conformation of the butyl substituents.

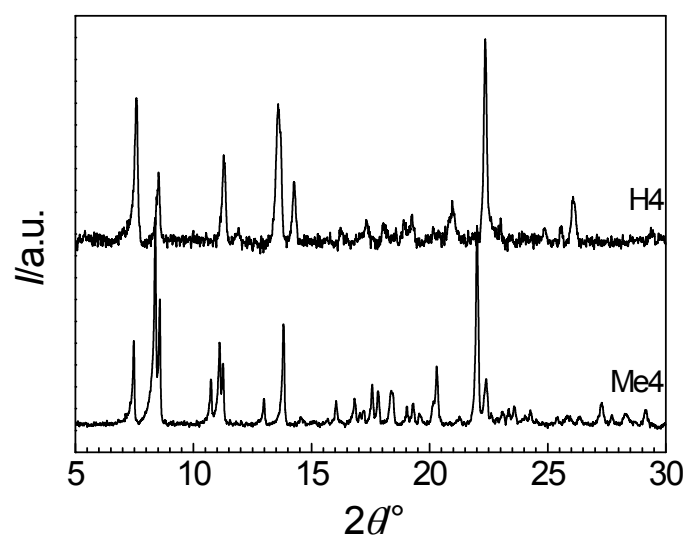


Figure S2. Comparison of diffractograms of **Me4** and **H4** collected at 300 K.

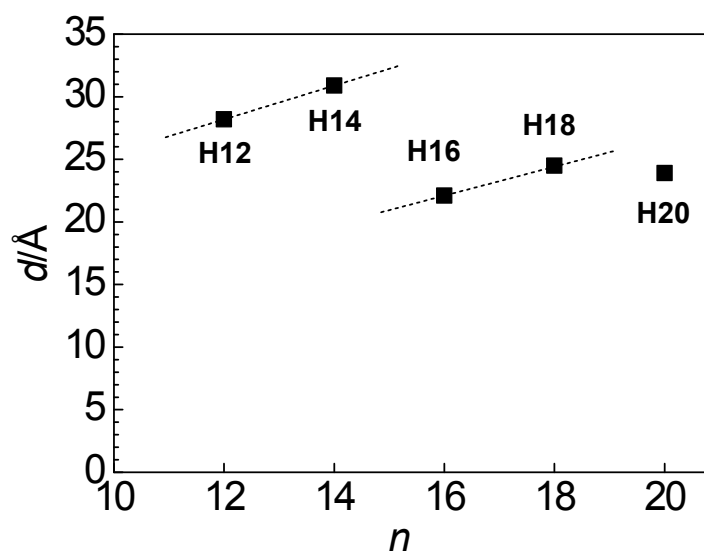


Figure S3. Number of carbon atoms in aliphatic substituents n vs interlayer distance d .

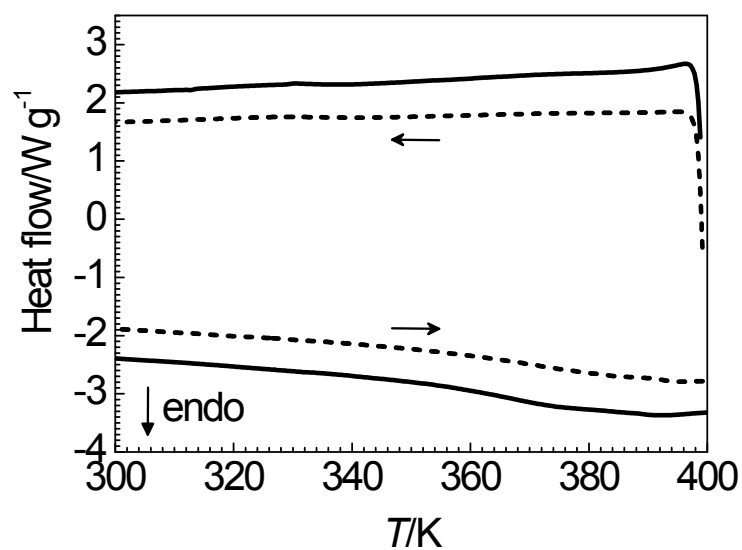


Figure S4. DSC profiles of **H12** (- - -) and **H14** (—).