

Electronic Supplementary Information

Enantiopure Sandwich-type Nonanuclear Ln^{III}₃Mn^{III}₆ Clusters

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Table S1. Bond valence sum (BVS) calculations for Mn³⁺ ions in complexes **1** and **2**.

1		2	
Mn1	3.00	Mn1	3.00
Mn2	2.93	Mn2	2.94
Mn3	2.90	Mn3	2.91
Mn4	3.08	Mn4	3.07
Mn5	3.01	Mn5	3.00
Mn6	2.97	Mn6	2.98

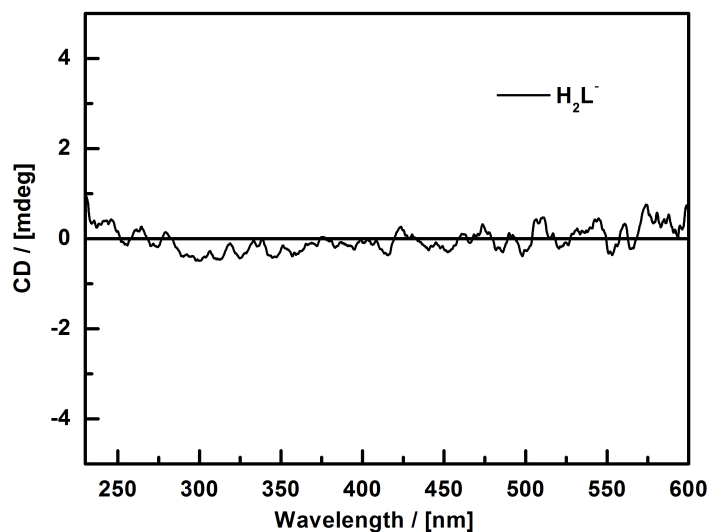


Fig. S1 The CD spectrum of H₂L⁻ in methanol.

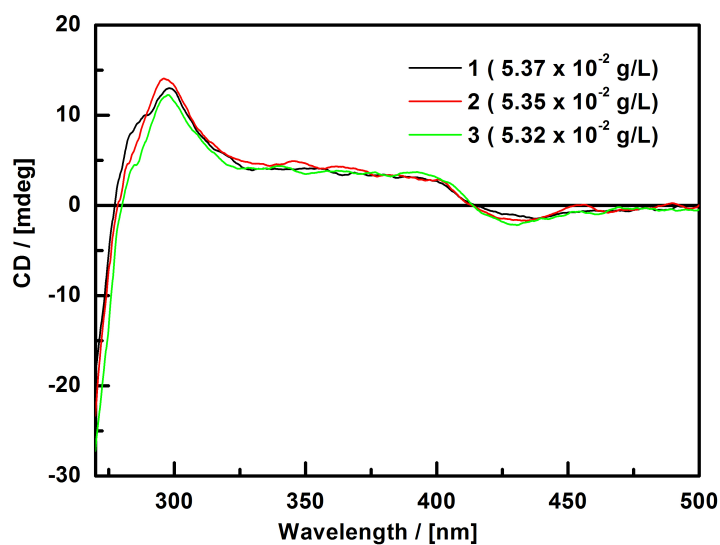


Fig. S2 The CD spectra of bulk samples of **1**, **2** and **3** in methanol.

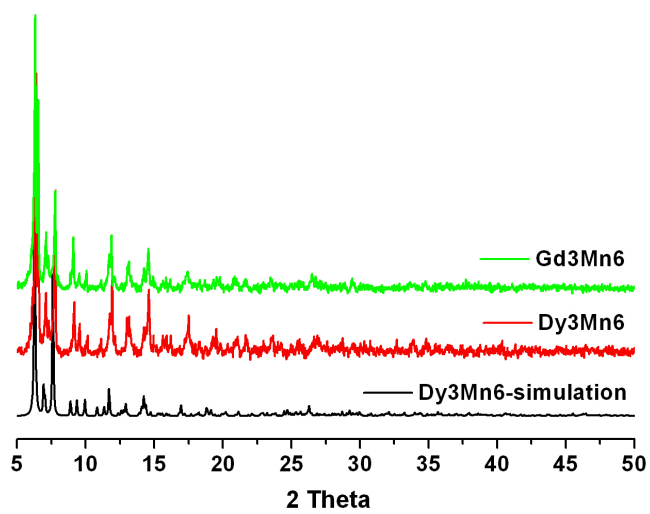


Fig. S3 PXRD patterns of **1** and **3** as-synthesized, together with simulation of **1** according to single crystal structural determinations.