

Electronic Supplementary Information (2 pages) Dalton Trans B921843B

Structure and magnetism of new lanthanide 6-wheel compounds utilizing triethanolamine as a stabilizing ligand.

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Magnetic data:

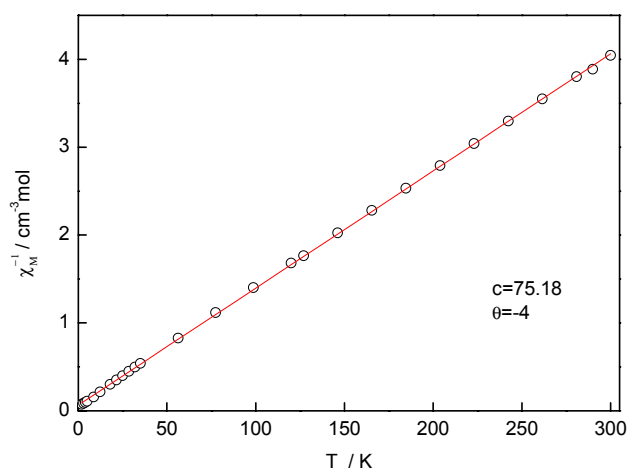


Fig. S1 χ_M^{-1} vs T for 1.8MeOH

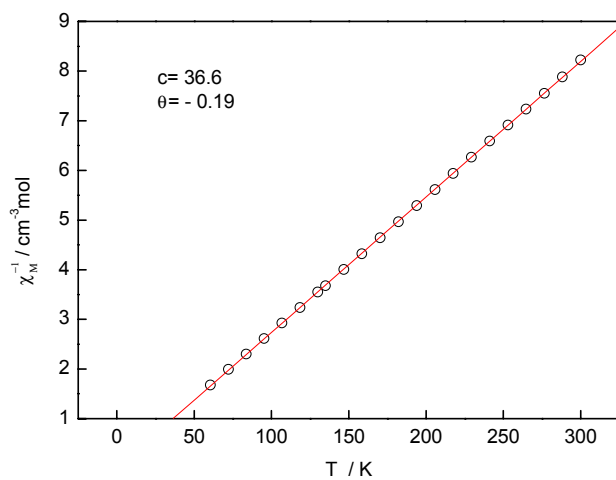


Fig. S2 χ_M^{-1} vs T for 2.8MeOH

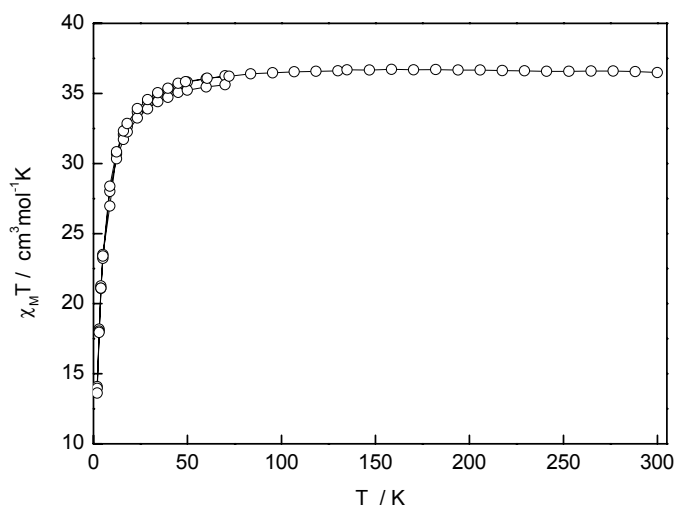


Fig. S3 Plot of $\chi_M T$ vs. temperature for 2.8MeOH, in fields of 1 T and 0.1 T (70 – 2 K); the solid line just joins the points

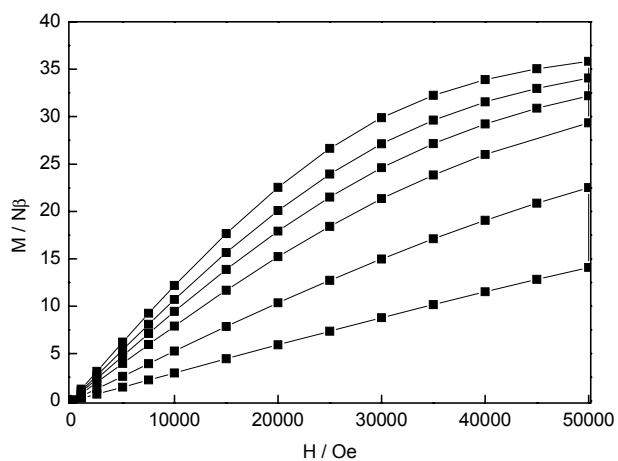


Fig. S4 Plots of isothermal magnetization, M (in $N\beta$), vs. field (0 – 5 T) for 2.8MeOH at temperatures 2 (top), 3, 4, 5.5, 10, 20 K (bottom). Solid lines just join the points