Electronic Supplementary Information for Dalton Transactions

Electronic Supplementary Information

for

A Mn^{III} Triplesalen-Based 1D Pearl Necklace: Exchange Interactions and Zero-Field Splittings in a C_3-Symmetric Mn^{III}_6 Complex

Thorsten Glaser,*,† Maik Heidemeier,† Hubert Theil,† Anja Stammler,† Hartmut Bögge,† Jürgen Schnack*,§

Figure S1. Portion of the molecular structure of {**[Mn^{III}_6]**$(OAc)\}_n(BPh_4)_{2n}$·$4Et_2O$·1MeOH demonstrating the 1:1 disorder of the inner bridging acetates. The acetates colored in grey were refined with an occupancy of 50% and the acetates colored in orange were refined with an occupancy of 50%. The crystallographic C_2 axes is indicated.

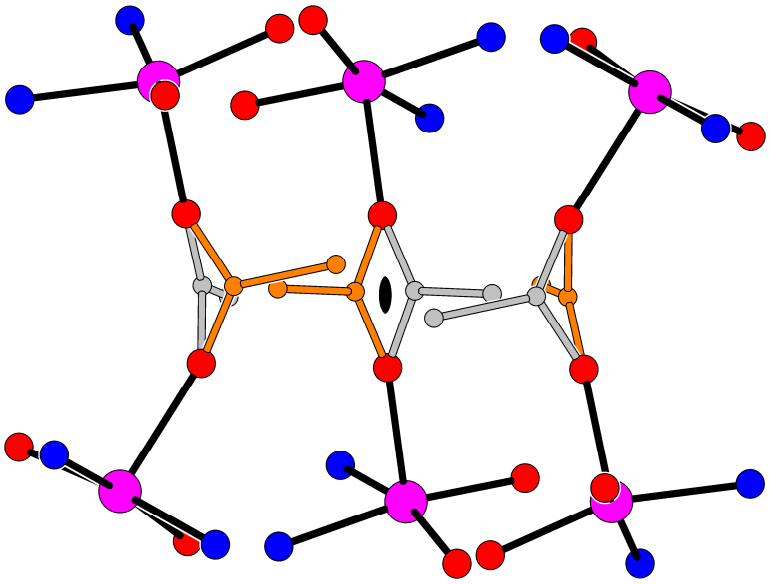

Figure S2. Portion of the structure of {**[Mn$^{III}_6$]**(OAc)}$_n$(BPh$_4$)$_{2n}$·4Et$_2$O·1MeOH showing the 1:1 disorder of the outer bridging acetate, which connects the hexanuclear complexes **[Mn$^{III}_6$]$^{3+}$**, and one methanol molecule of crystallization. The acetate and the methanol molecule colored in grey were refined with an occupancy of 50% and the acetate and the methanol molecule colored in orange were refined with an occupancy of 50%. The crystallographic center of inversion is indicated.