Synthesis, Structures and Magnetic Properties of linear \{\text{Co}^{II}_2\text{Ln}^{III}_2\} Coordination Clusters

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Supporting Information

\textbf{Fig. S1} Thermal ellipsoid representation (50% probability) of the molecular structure of compound 1.
**Fig. S2** Temperature dependence of the in-phase ($\chi'$) (left) and out-of-phase ($\chi''$) (right) ac susceptibility components at the indicated frequencies under zero dc field for 1.

**Fig. S3** Frequency dependence of the in-phase ($\chi'$) (left) and out-of-phase ($\chi''$) (right) ac susceptibility components under indicated dc fields at 2 K for 1.
**Fig. S4** Cole-Cole plots under 2500 Oe dc field for compound 1.

**Fig. S5** Arrhenius plot using ac data for compound 1. The solid line is the fit of the thermally activated region.