Supplementary materials

One-dimensional Cobalt Diphosphonates Exhibiting Weak Ferromagnetism and Field-induced Magnetic Transitions

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Fig. S1. The χ_M *vs* T and χ_M^{-1} *vs* T plot s for **1** at 10 kOe. Solid line is the theoretical fit based on Curie-Weiss equation.

Fig. S2. The χ_M *vs* T and χ_M^{-1} *vs* T plot s for **2** at 10 kOe. Solid line is the theoretical fit based on Curie-Weiss equation.

Fig. S3. Hysteresis loop for **2** measured at 1.8 K.

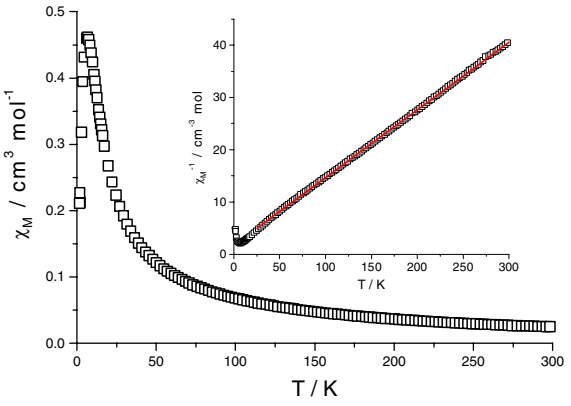

Fig. S1

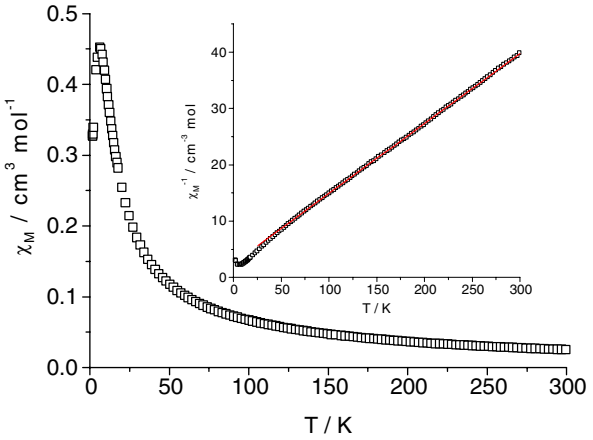

Fig. S2

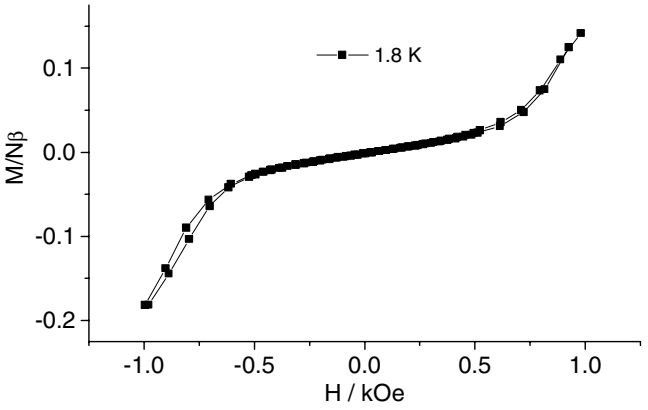

Fig. S3