

## Supplementary information

### Figure captions

**Fig. S1.**  $M$  vs.  $1/T$  plots for complex **4**.

**Fig. S2.** Zero field  $\chi'$  vs.  $T$  data for complex **4**.

**Fig. S3.** Cole-Cole plot for complex **4**.

**Fig. S4.**  $\chi T$  vs.  $T$  data for complex **5**.

**Fig. S5.**  $\chi T$  vs.  $T$  data for complex **6**.

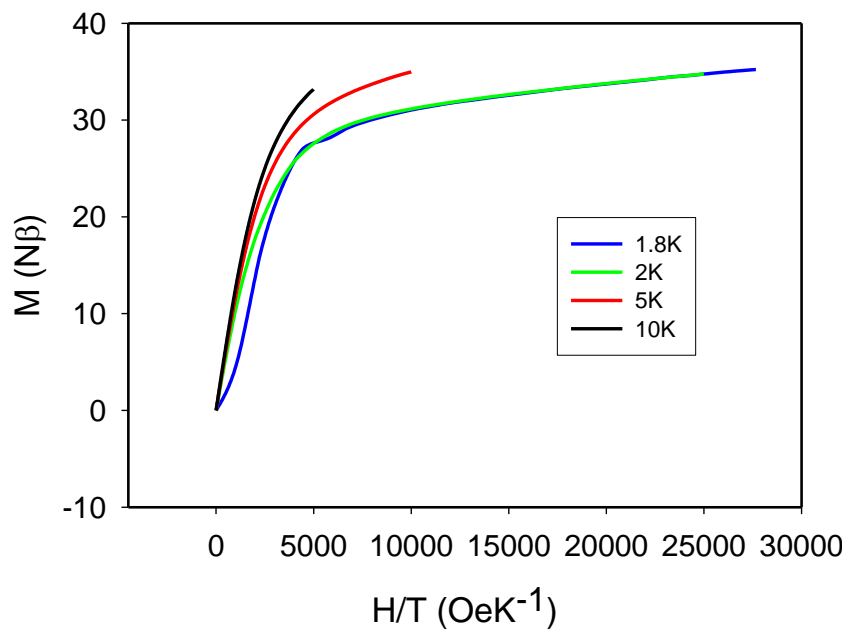


Fig. S1

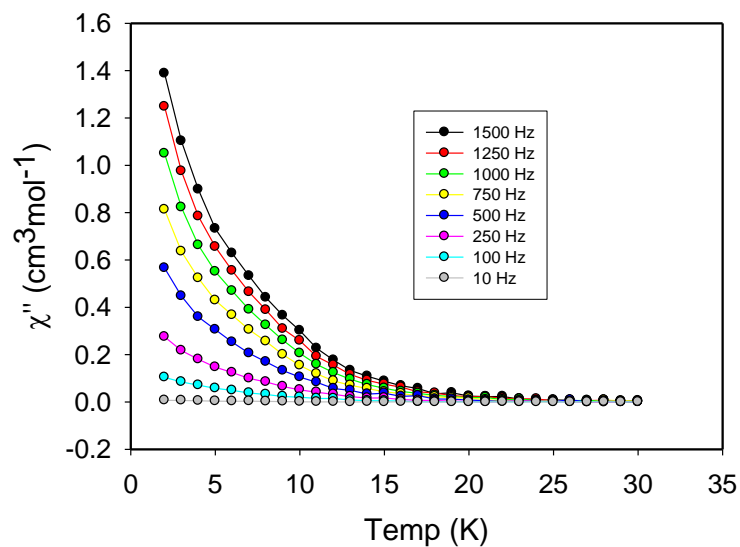


Fig. S2

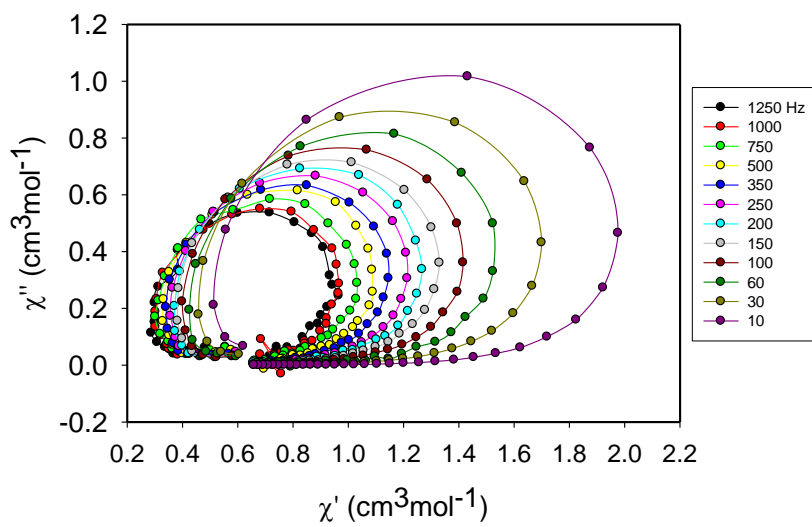


Fig. S3

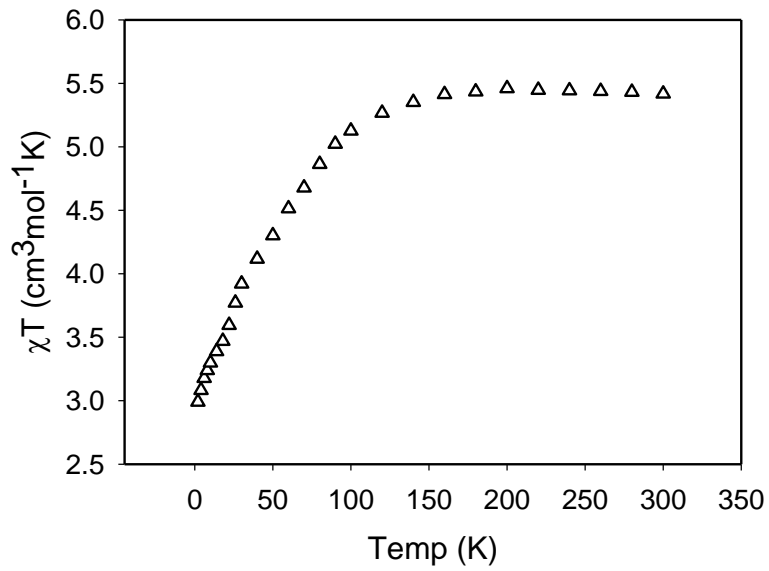


Fig. S4

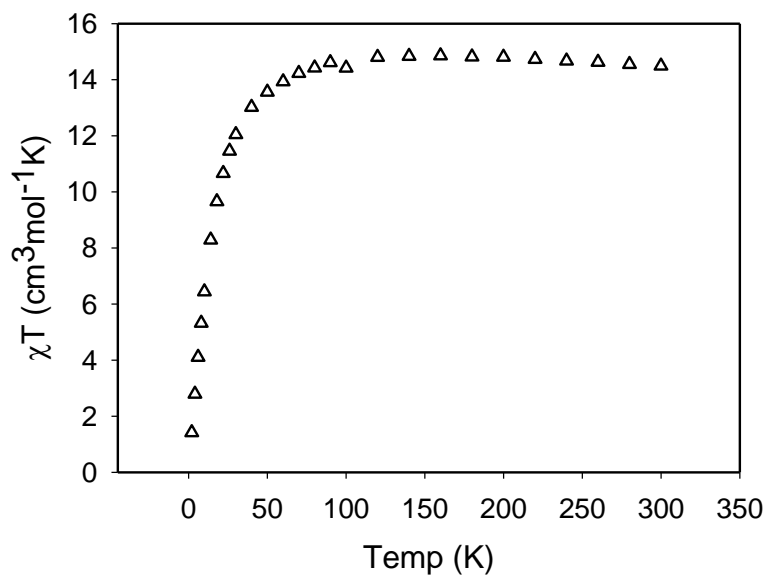


Fig. S5