

Supporting Information

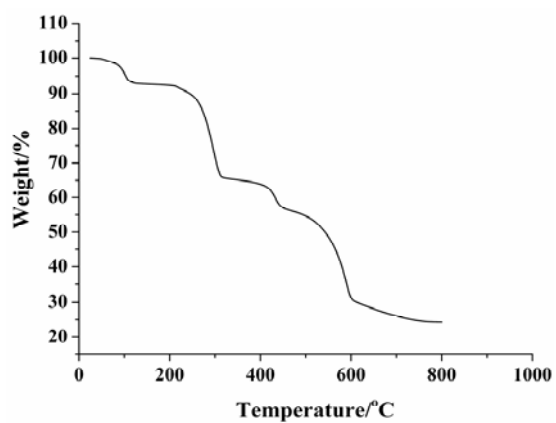


Fig. S1 TGA curve of **1**

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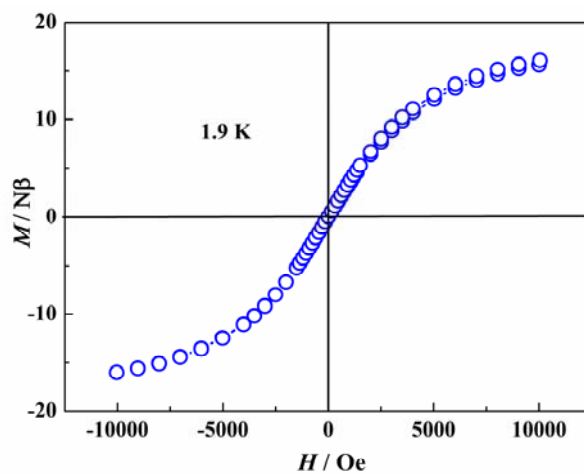


Fig. S2 Field dependence of the magnetization of **1** measured at 1.9 K

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Table S1. Selected Bond Angles (Å) of **1**^a.

Compound 1			
O20A–Dy1–O8B	86.85(11)	O13E–Dy2–O11	151.42(10)
O20A–Dy1–O6B	111.78(13)	O3C–Dy2–O11	121.27(10)
O8B–Dy1–O6B	72.45(10)	O16–Dy2–O11	112.27(10)
O20A–Dy1–O15	150.62(10)	O4C–Dy2–O11	78.27(9)
O8B–Dy1–O15	87.54(9)	O10D–Dy2–O12	94.43(9)
O6B–Dy1–O15	93.84(11)	O4C–Dy2–O12	65.74(8)
O20A–Dy1–O18	76.08(10)	O11–Dy2–O12	51.44(8)
O8B–Dy1–O18	134.63(9)	O10D–Dy2–O15	123.83(9)
O6B–Dy1–O18	75.56(11)	O1–Dy2–O15	151.20(9)
O15–Dy1–O18	126.18(9)	O13E–Dy2–O15	86.57(10)
O20A–Dy1–O12	89.35(11)	O3C–Dy2–O15	75.60(9)
O8B–Dy1–O12	137.16(9)	O16–Dy2–O15	52.30(8)
O6B–Dy1–O12	146.26(10)	O4C–Dy2–O15	69.31(8)
O15–Dy1–O12	75.52(8)	O11–Dy2–O15	120.03(8)
O18–Dy1–O12	85.07(9)	O12–Dy2–O15	69.31(7)
O20A–Dy1–O17	128.13(10)	O7–Dy3–O5	84.75(14)
O8B–Dy1–O17	136.86(10)	O7–Dy3–O2	103.25(12)
O6B–Dy1–O17	71.19(11)	O5–Dy3–O2	163.31(13)
O15–Dy1–O17	72.63(9)	O7–Dy3–O9D	151.56(11)
O18–Dy1–O17	53.85(9)	O5–Dy3–O9D	82.46(14)
O12–Dy1–O17	75.07(9)	O2–Dy3–O9D	96.01(13)
O20A–Dy1–O4C	79.39(9)	O7–Dy3–O19F	80.83(12)
O8B–Dy1–O4C	70.07(9)	O5–Dy3–O19F	114.97(13)
O6B–Dy1–O4C	140.12(10)	O2–Dy3–O19F	81.06(13)
O15–Dy1–O4C	71.59(8)	O9D–Dy3–O19F	81.74(13)
O18–Dy1–O4C	143.01(9)	O7–Dy3–O14E	80.42(12)
O12–Dy1–O4C	67.30(8)	O5–Dy3–O14E	86.50(15)
O17–Dy1–O4C	133.03(9)	O2–Dy3–O14E	80.54(15)
O10D–Dy2–O1	82.67(10)	O9D–Dy3–O14E	123.80(13)
O10D–Dy2–O13E	82.73(10)	O19F–Dy3–O14E	149.87(15)
O1–Dy2–O13E	85.99(11)	O7–Dy3–O5	84.75(14)
O10D–Dy2–O3C	148.00(9)	O7–Dy3–O2	103.25(12)
O1–Dy2–O3C	75.63(10)	O5–Dy3–O2	163.31(13)
O13E–Dy2–O3C	72.67(9)	O7–Dy3–O9D	151.56(11)
O10D–Dy2–O16	71.75(9)	O5–Dy3–O9D	82.46(14)
O1–Dy2–O16	149.27(10)	O2–Dy3–O9D	96.01(13)
O13E–Dy2–O16	74.36(11)	O7–Dy3–O19F	80.83(12)
O3C–Dy2–O16	118.81(9)	O5–Dy3–O19F	114.97(13)
O10D–Dy2–O4C	152.05(9)	O2–Dy3–O19F	81.06(13)
O1–Dy2–O4C	92.48(9)	O9D–Dy3–O19F	81.74(13)
O13E–Dy2–O4C	124.54(9)	O7–Dy3–O14E	80.42(12)
O3C–Dy2–O4C	53.58(8)	O5–Dy3–O14E	86.50(15)
O16–Dy2–O4C	118.08(9)	O2–Dy3–O14E	80.54(15)
O10D–Dy2–O11	73.87(10)	O9D–Dy3–O14E	123.80(13)
O1–Dy2–O11	75.10(9)	O19F–Dy3–O14E	149.87(15)

^a symmetry transformation for equivalent atoms: A $x, -y + 3/2, z - 1/2$; B $x - 1, y, z$; C $-x + 3, -y + 1, -z$; D $-x + 4, y + 1/2, -z + 1/2$; E $-x + 3, y - 1/2, -z + 1/2$; F $x + 1, -y + 3/2, z - 1/2$.