ELECTRONIC SUPPLEMENTARY INFORMATION

a.

b.

Figure S1. Front (a) and side (b) views of the structural skeleton of 1 (for the sake of clarity, the carbon and nitrogen atoms of the compartmental Schiff-base ligands and, also, the terminal cyano ligands were removed). Color code: terbium, yellow; copper, green; iron, orange; nitrogen, blue; oxygen, red; carbon, medium grey.
Figure S2. Magnetic behavior of 1 ($\chi T$ vs. $T$ plot). The powder of 1 was embedded in grease. However, the orientation of the strongly anisotropic crystals in the field has not been suppressed totally.

Figure S3. Magnetization decay measurements for 1 ($M/M_s$ vs. time plots).