Electronic Supporting Information (ESI)

Chiral 2p-3d heterometallic azido complex with 2,6-pyridinedicarboxylate as co-ligand showing magnetic order

Jiong-Peng Zhao, Qian Yang, Song-De Han, Jie Han, Ran Zhao, Bo-Wen Hu, and Xian-He Bu*

Table S1. Selected bond lengths [Å] for complex **1**.

Co1—O1^{i}	1.981 (3)
Co1—N1	2.045 (3)
Co1—O4^{ii}	2.095 (3)
Co1—N2	2.148 (4)
Co1—O3	2.176 (2)
Co1—O2	2.221 (3)
Na1—O2^{i}	2.285 (2)
Na1—O2^{v}	2.285 (2)
Na1—O5	2.361 (8)
Na1—O5^{iii}	2.361 (8)
Na1—O3^{iii}	2.526 (3)

Symmetry codes: (i) $x+1/2, -y+3/2, -z+7/4$; (ii) $-y+3/2, x-1/2, z+1/4$; (iii) $-y+2, -x+2, -z+3/2$;(iv) $x-1/2, -y+3/2, -z+7/4$; (v) $y+1/2, -x+3/2, z-1/4$.

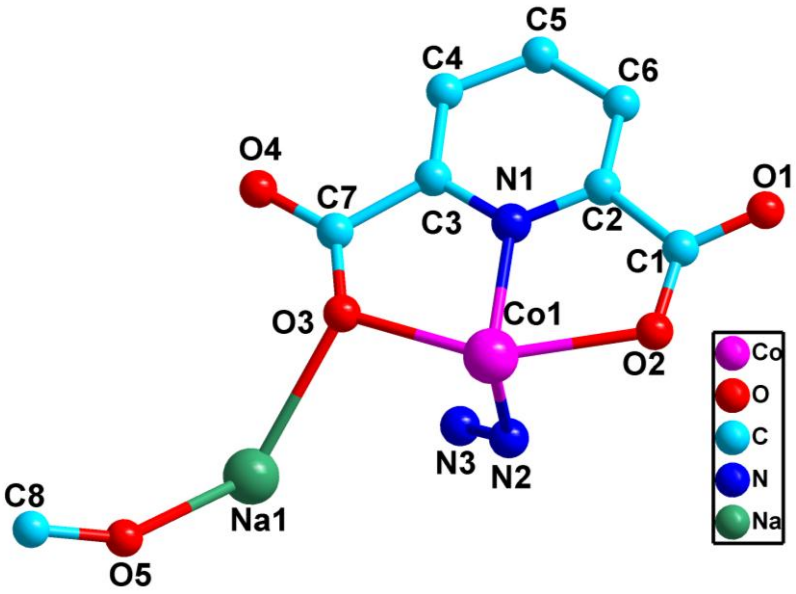

Figure S1. The asymmetry unit of complex **1**.

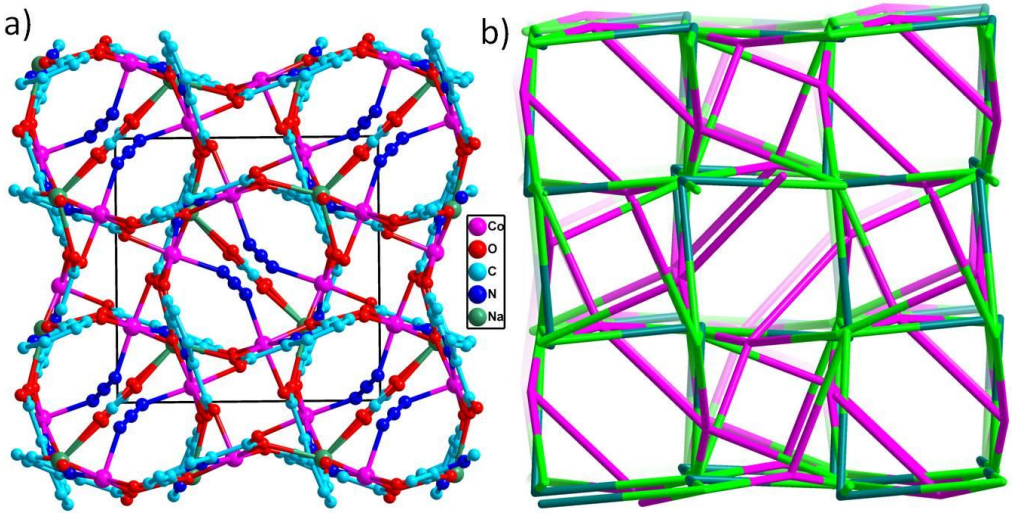

Figure. S2 a) 3D view of the complex along *c* direction in **1**; b) 4,5-connected 3-nodal topology net in **1**.

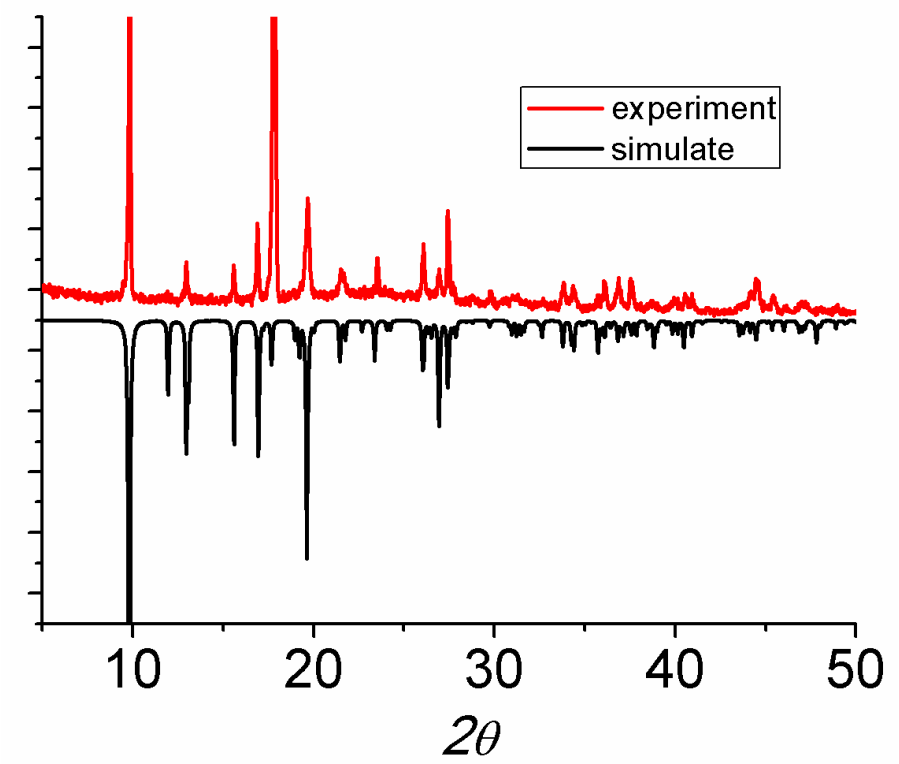

Figure S3. The XRPD diagram for complex **1**.

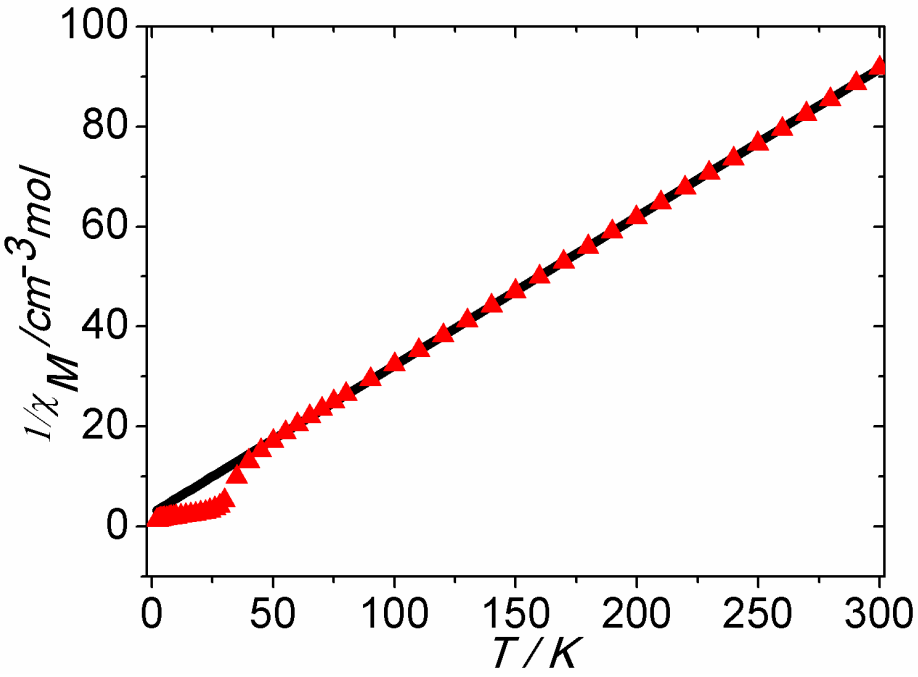

Figure S4. Curie plot for **1**. The solid line is the best fit to the Curie-Weiss law.

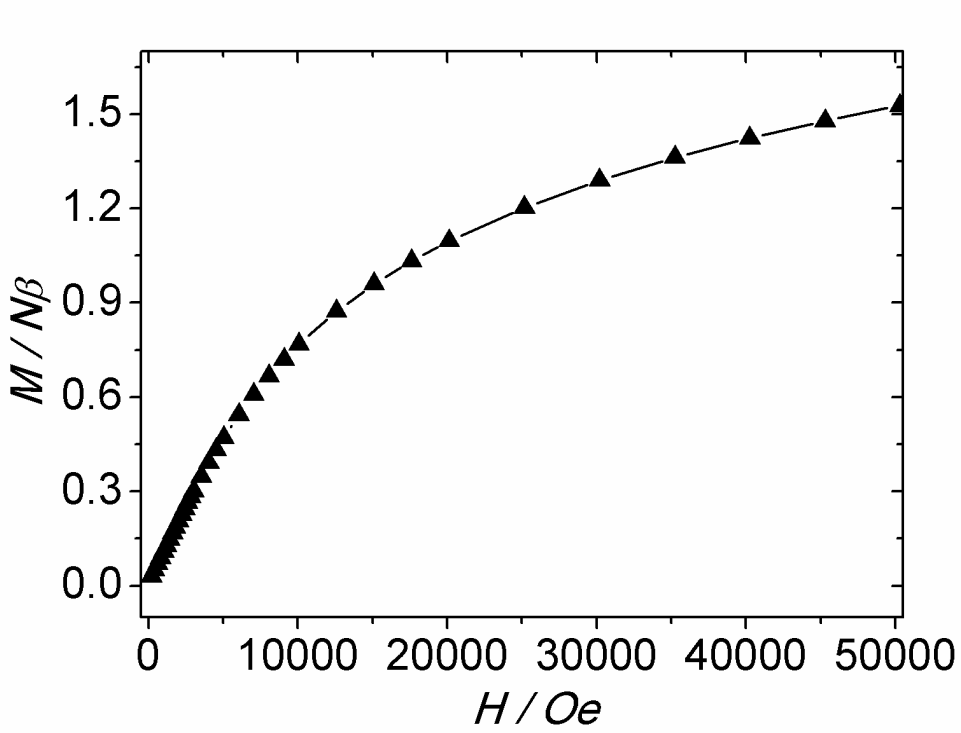

Figure S5. The magnetization curve at 2.0 K of **1**.