

Spin canting and metamagnetism in two azido-bridged 1-D complexes [Ni(3,5-dmpy)₂(N₃)₂]_n and [Co_{1.5}(3,5-dmpy)₃(N₃)₃]_n

Chunhua Fan,[†] Patrick Gamez,[§] Hui-Zhong Kou,[‡] and Zhengliang Lu^{*,†}

Table of Contents

Figure S1. Representation of layer packing of 1. All H atoms, except those involved in hydrogen bonding, are omitted for clarity.	2
Figure S2. Representation of the crystal packing of 1 showing a hydrogen-bonded 2D layer. All H atoms, except those involved in hydrogen bonding, are omitted for clarity.	2
Figure S3 Representation of the crystal packing of 1 showing a hydrogen-bonded 3D network. All H atoms, except those involved in hydrogen bonding, are omitted for clarity.	3
Figure S4. Plot of the field dependence for complex 2 at 2 K.	3

[†] School of chemistry and chemical engineering, University of Jinan, Jinan 250022, P. R. China

[§] ICREA and Departament de Química Inorgànica, Universitat de Barcelona, Martí i Franquès 1-11, 08028 Barcelona, Spain

[‡] Department of Chemistry, Tsinghua University, Beijing 100084, P. R. China

Email: chm_luzl@ujn.edu.cn

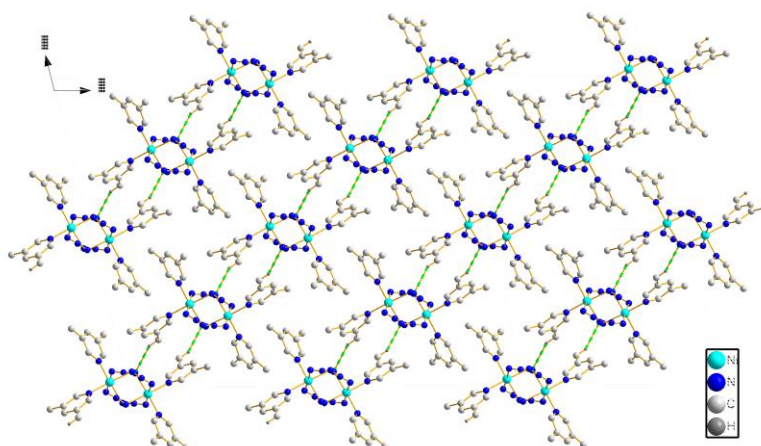


Figure S1. Representation of layer packing of **1**. All H atoms, except those involved in hydrogen bonding, are omitted for clarity.

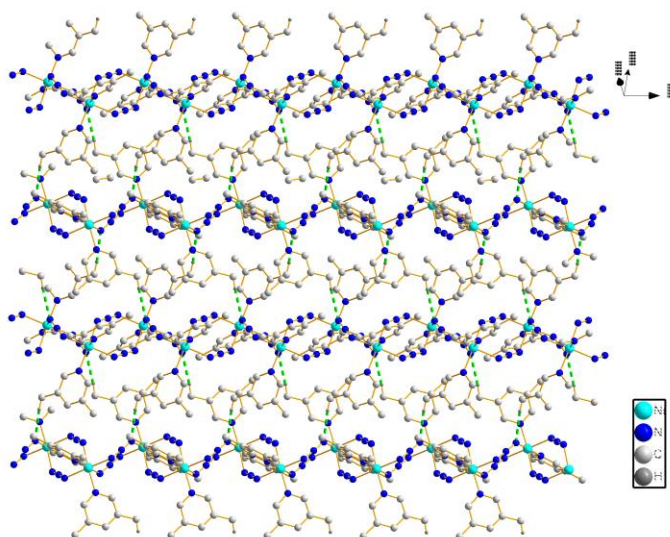


Figure S2. Representation of the crystal packing of **1** showing a hydrogen-bonded 2D layer. All H atoms, except those involved in hydrogen bonding, are omitted for clarity.

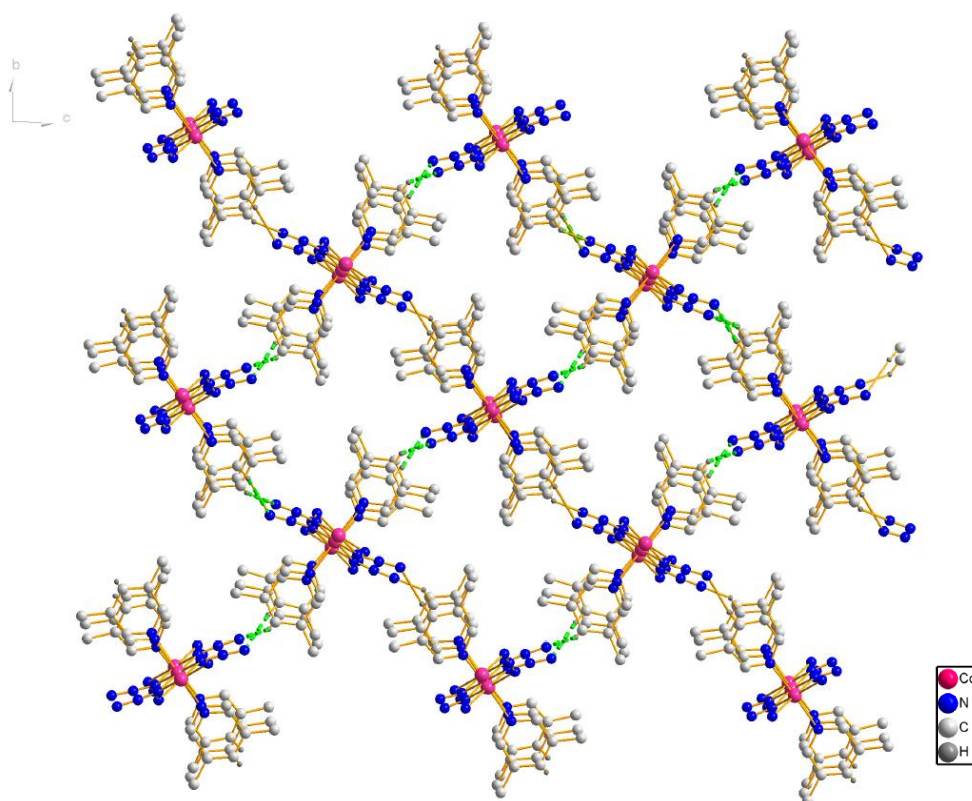


Figure S3. Representation of the crystal packing of 2 showing a hydrogen-bonded 3D network. All H atoms, except those involved in hydrogen bonding, are omitted for clarity.

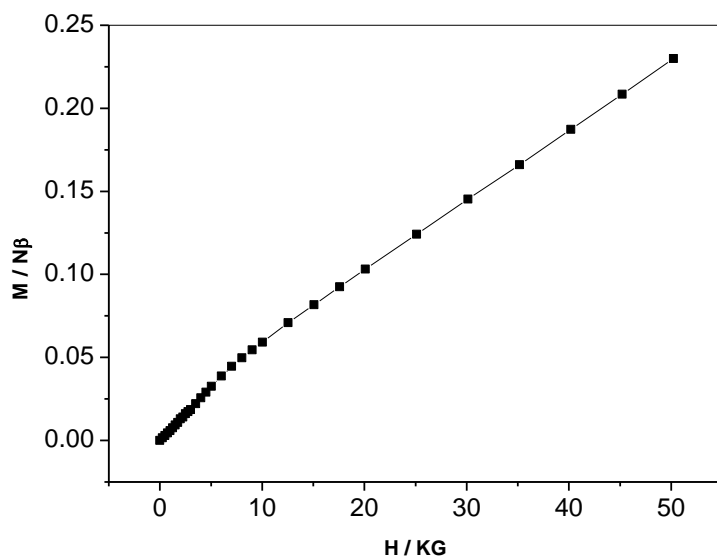


Figure S4. Plot of the field dependence for complex 2 at 2 K.