

Supplementary Information

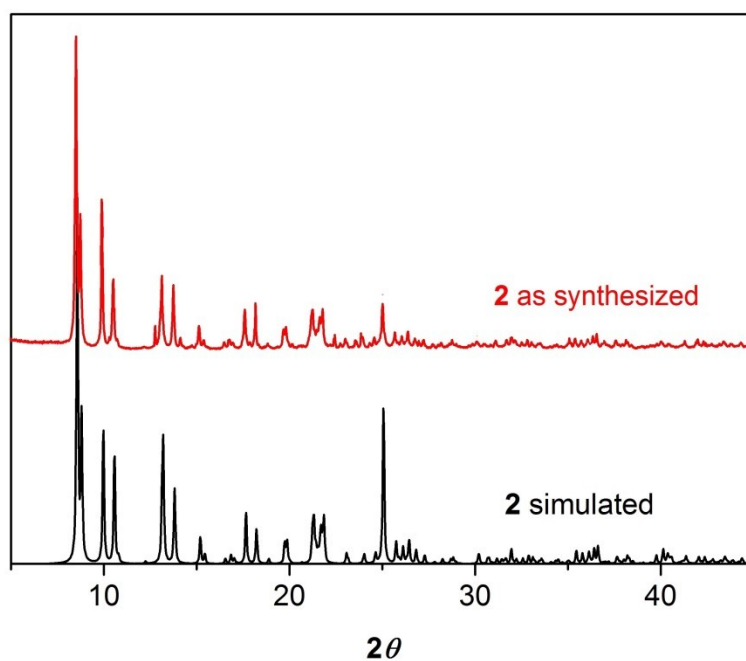


Fig.S1. Powder X-ray diffraction patterns of **2** (red) compared with the simulation (black) obtained from single crystal data of **2**.

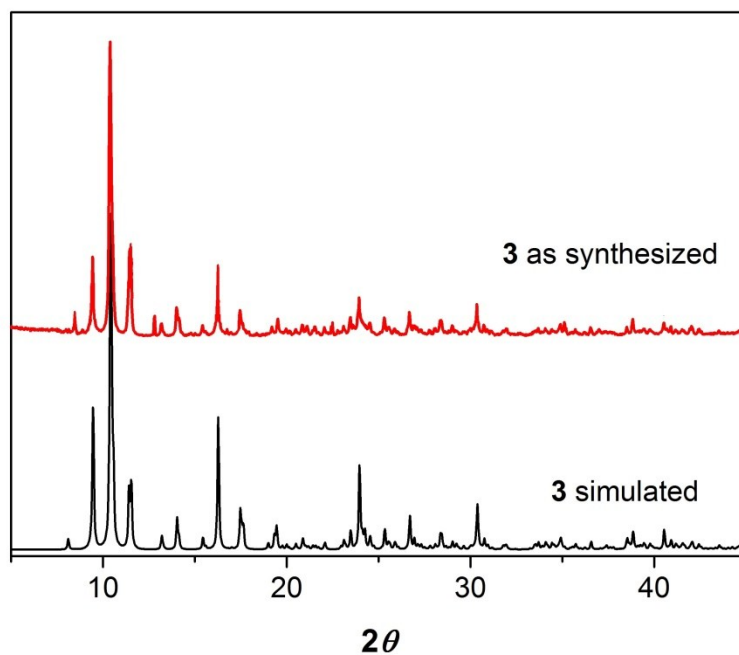


Fig. S2. Powder X-ray diffraction patterns of **3** (red) compared with the simulation (black) obtained from single crystal data of **3**.

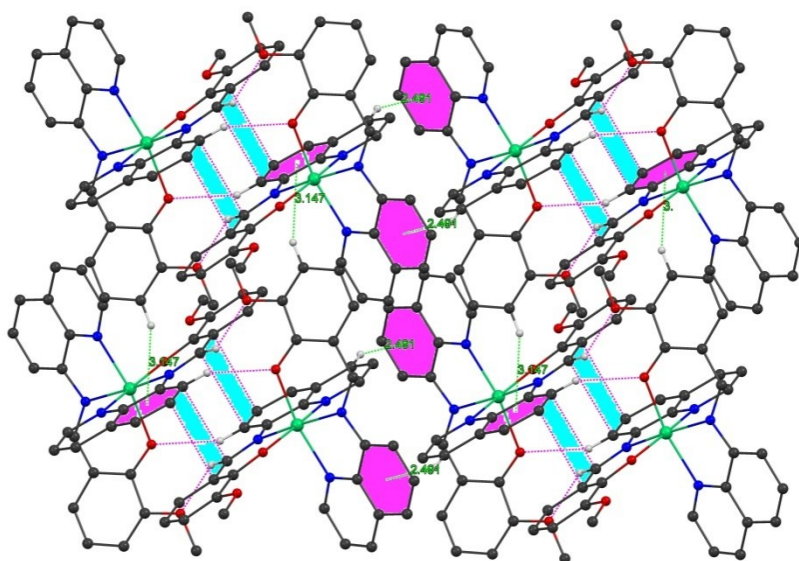


Fig. S3. Packing diagram of complex 1

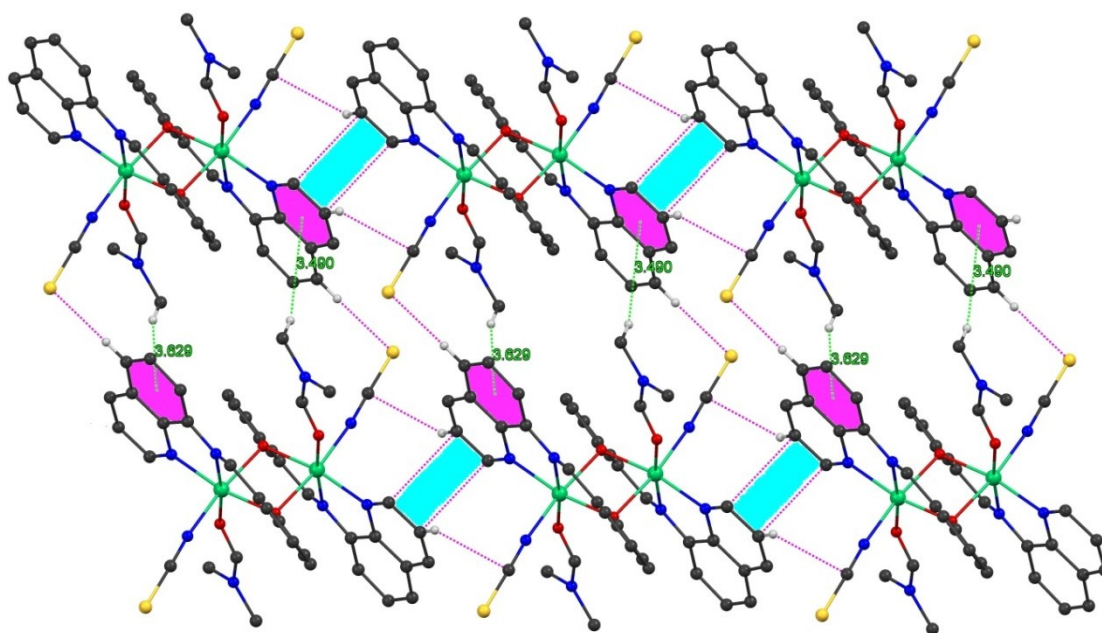


Fig. S4. Packing diagram of complex 2

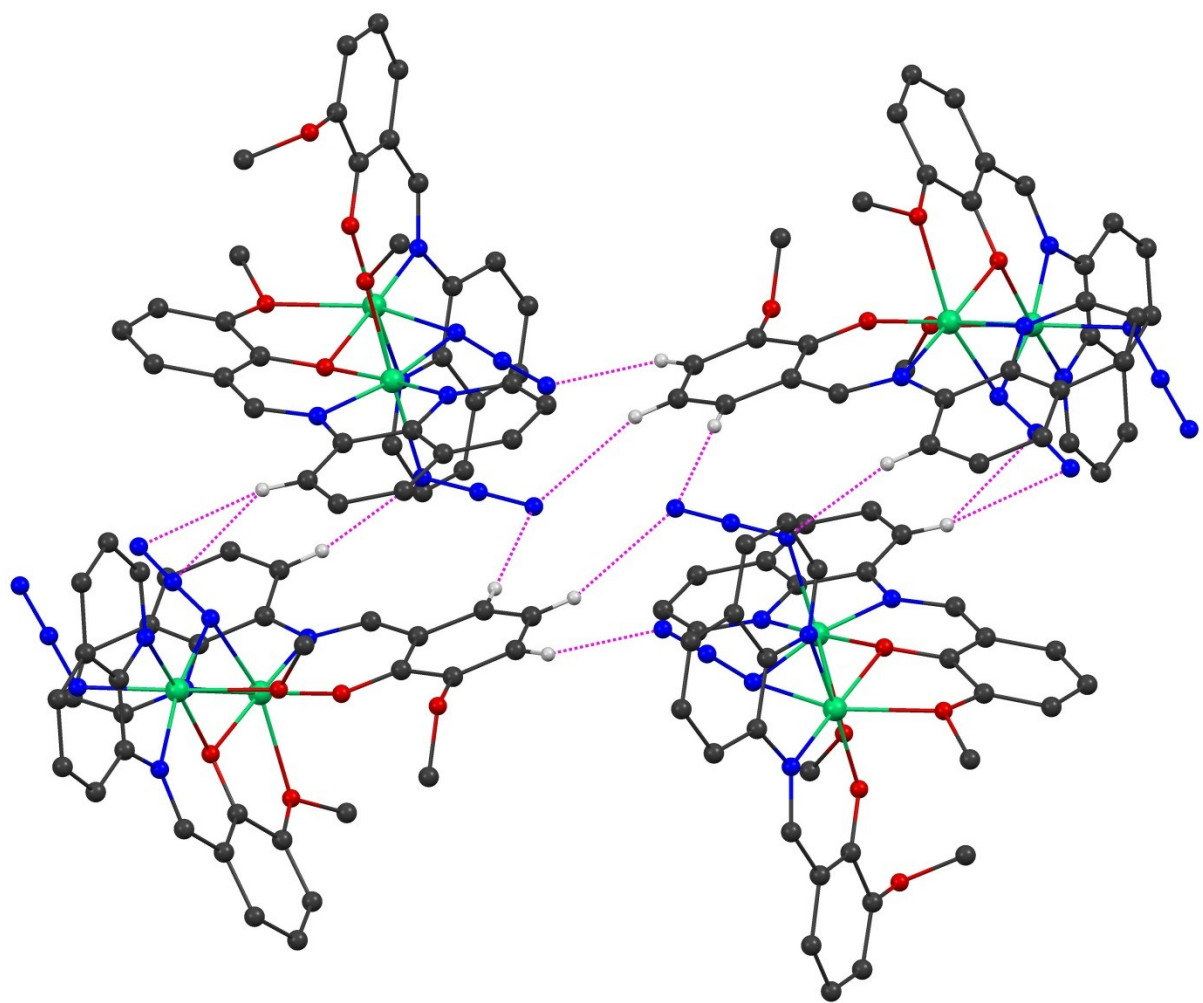


Fig. S5. Packing diagram of complex **3**

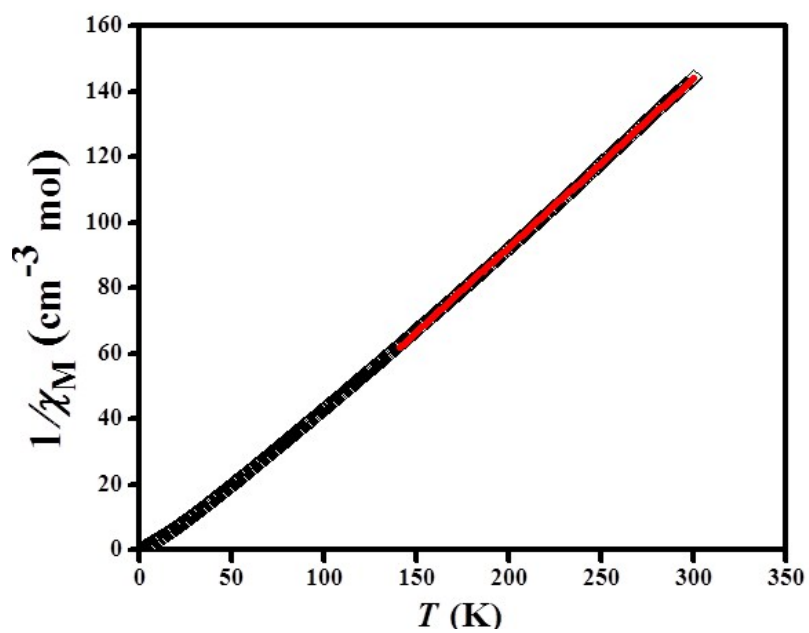


Fig. S6: Reciprocal molar susceptibility as function of temperature for **2**; solid red line indicates Curie-Weiss fitting in the range 140 K–300 K.

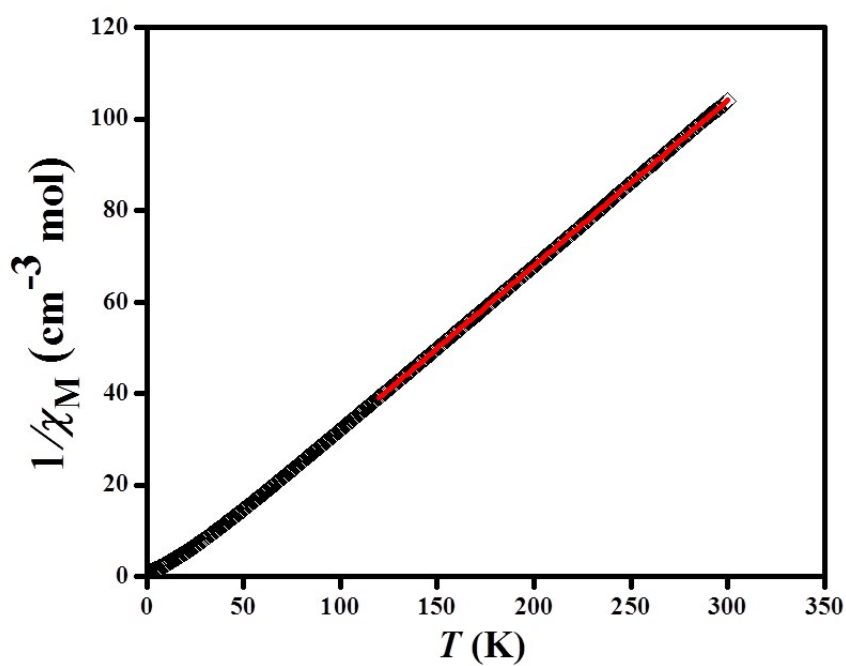


Fig. S7: Reciprocal molar susceptibility as function of temperature for **3**; solid red line indicates Curie-Weiss fitting in the range 120 K–300 K.