

Supporting Information

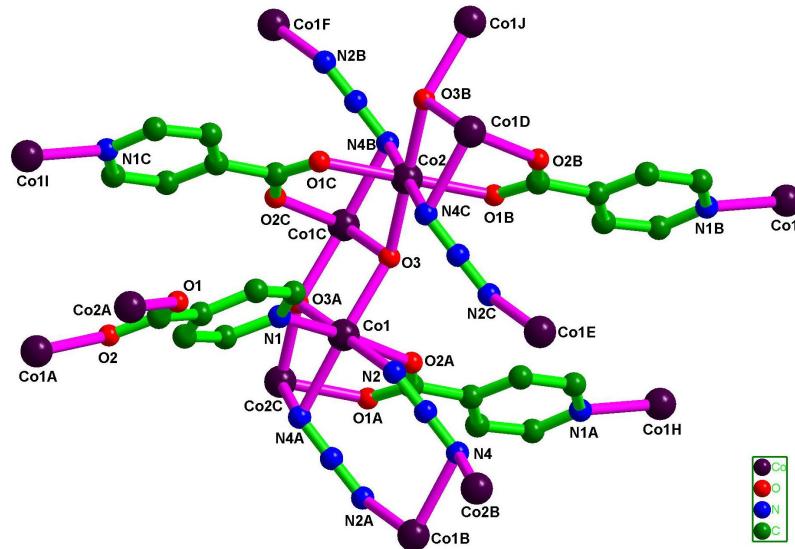


Figure S1 a) Coordination and linkage modes of ligands and Co^{II} ions in **1**.

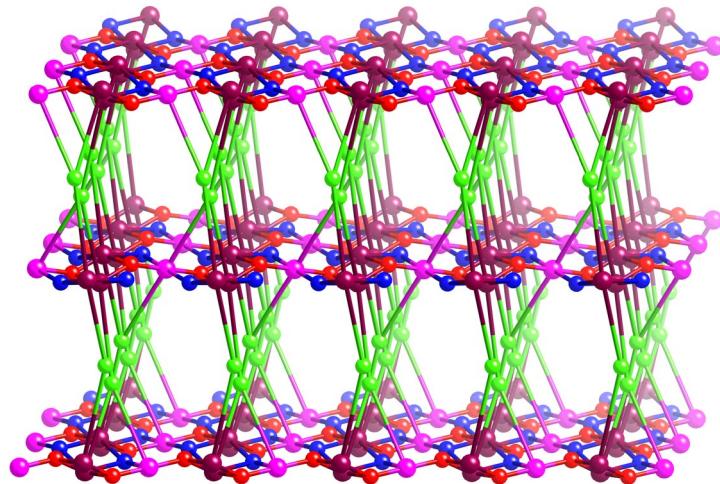


Figure S2 Schematic view of the 3,6-connected network topology. Co1 atoms are shown as red-brown, Co2 atoms are purple, while for the three types of 3-connecting ligands, the red spheres represent the hydroxide oxygens, blue spheres represent the azide ligands, and green spheres represent the Isonictinate ligands

Co1–N2	2.142(2) Å	Co1–N4a Å	2.2053(17) Å
Co1–O3	2.0746(13) Å	Co1–O2a Å	2.0973(15) Å
Co1–O3a	2.1018(14) Å	Co1–N1 Å	2.1205(17) Å
Co2–N4b	2.2099(17) Å	Co2–N4c Å	2.2099(17) Å
Co2–O3	2.0466(13) Å	Co2–O3b Å	2.0466(13) Å
Co2–O1a	2.1180(13) Å	Co2–O1b Å	2.1180(13) Å

Table S1 Select bond length of **1**