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Supporting information for article:

Preparation, crystal structure and characterization of two new Co^{II} coordination polymers with the multi-functional 5-amino-2,4,6-tribromo-isophthalic acid and flexible isomeric bis(imidazole) ligands

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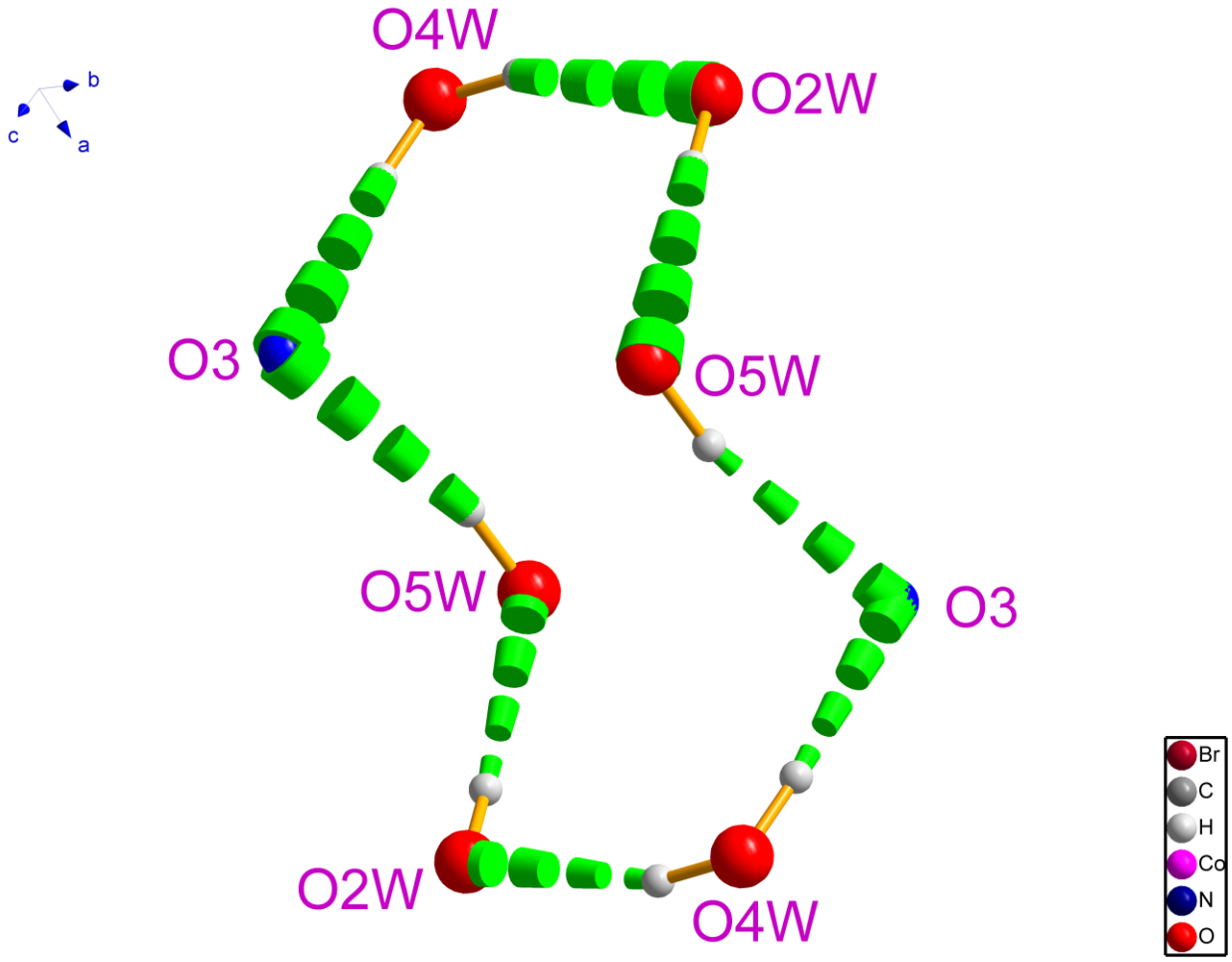

Fig. S1. The hydrogen-bonded eight-membered cyclic rings $R_6^6(8)$ (Etter, 1990) (O4*W*-O3-O5*W*-O2*W*-O4*W*-O3-O5*W*-O2W) including the uncoordinated carboxylate O3 atom extending adjacent supramolecular double chains into a two-dimensional supramolecular layer

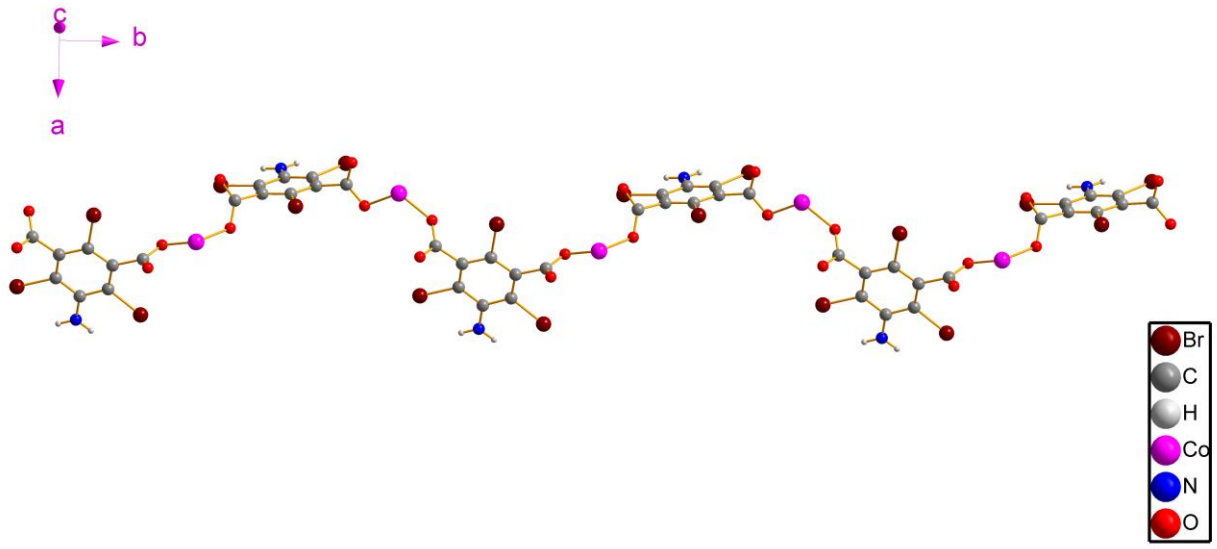

Fig. S2. The two carboxylate groups of the $ATBIP^{2-}$ ligand show a bis(monodentate) coordination mode, linking adjacent Co^{II} ions into a zigzag chain

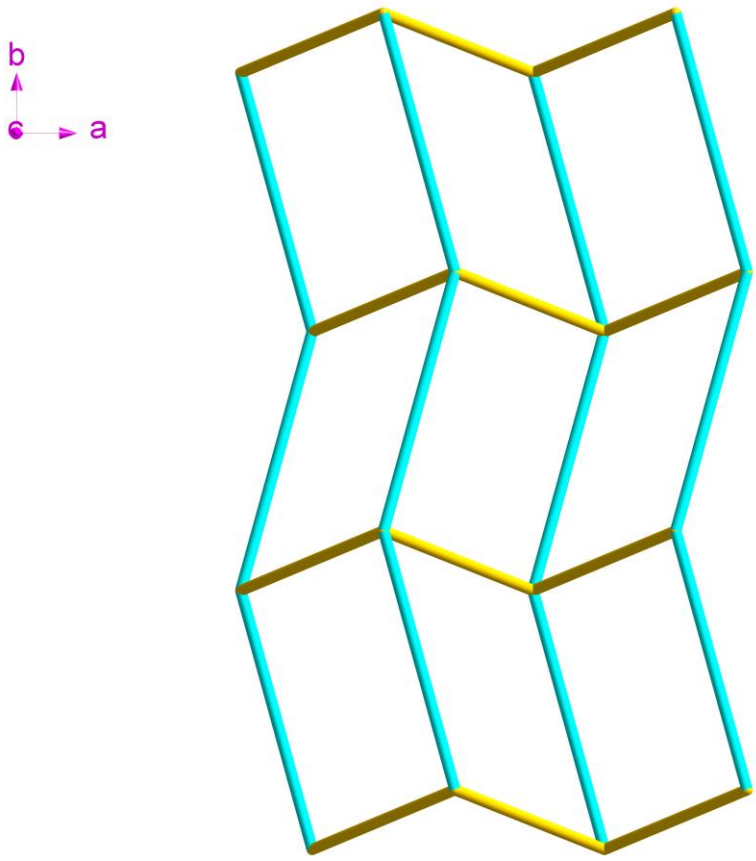

Fig. S3. From a topological point of view, if the Co^{II} ions were treated as nodes and the $ATBIP^{2-}$ and obix ligands were simplified as linkers, the network can be described as a two-dimensional (4,4) topological network.