

Supplementary Information

Coordination chemistry of a bis(benzimidazole) disulfide: eleven membered chelate ring in cobalt(II), zinc(II) and cadmium(II) halide compounds; oxidative disulfide cleavage when coordinated to nickel(II)

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Figure SI 1. Strong O...H hydrogen bonds generate a macrocycle. Distances are O21...H3 [1.92(4) Å, O19...H1 [1.84(4) Å, O18...H7 [2.59(4) Å, O17...H222 [2.48(3) Å, O17...S20 [3.221(2) Å].

Figure SI 2. Some short contacts and hydrogen bonding in the solid state structure of compound 7.

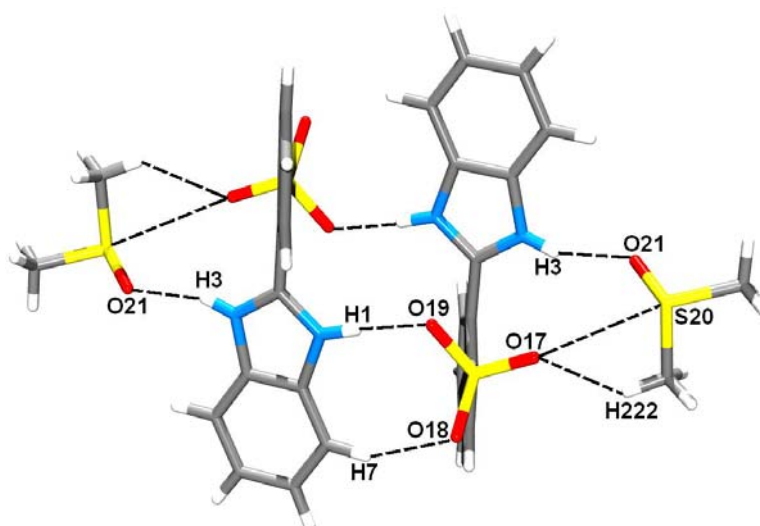


Fig. S1 Strong O...H hydrogen bonds generate a macrocycle. Distances are O21...H3 [1.92(4) Å, O19...H1 [1.84(4) Å, O18...H7 [2.59(4) Å, O17...H222 [2.48(3) Å, O17...S20 [3.221(2) Å].

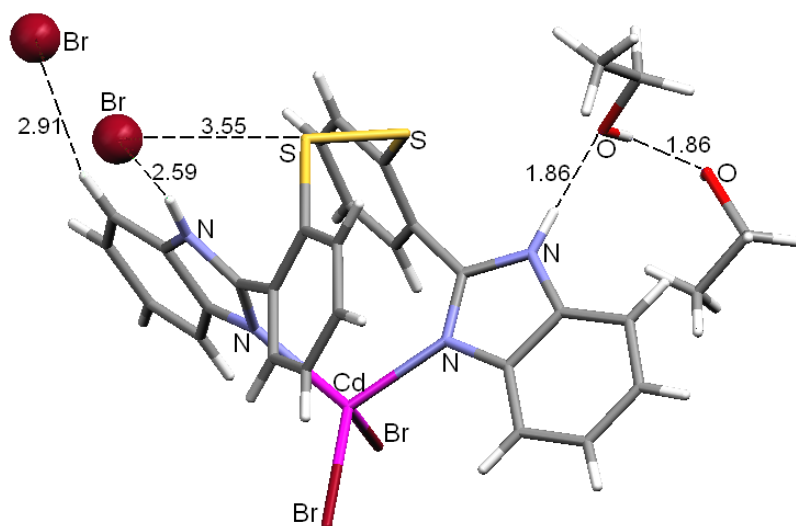


Fig.S2 . Some short contacts and hydrogen bonding in the solid state structure of compound 7.