

Supporting information

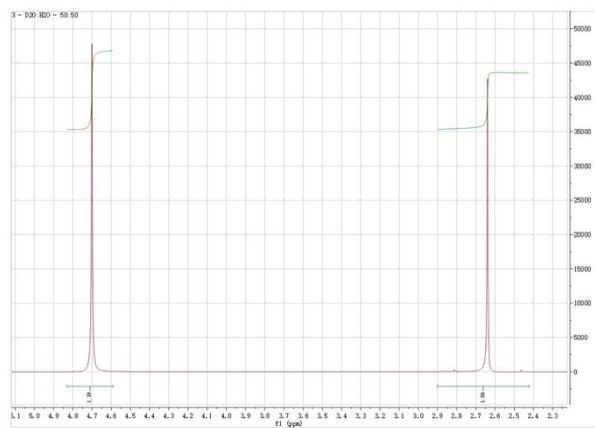
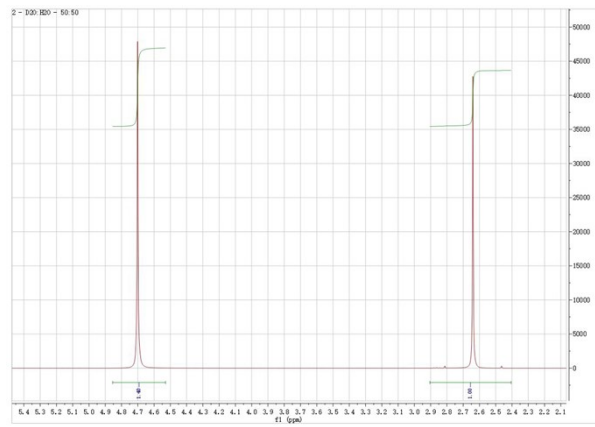
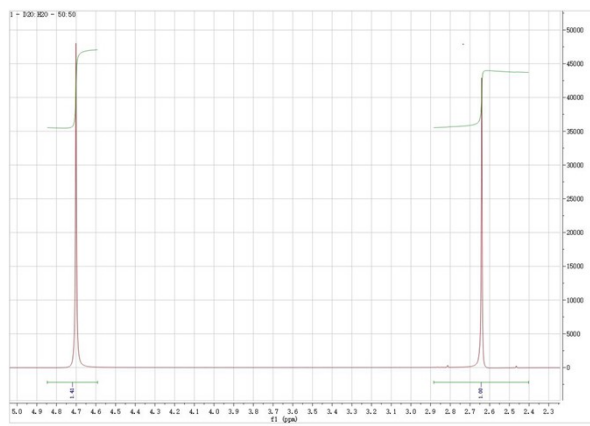
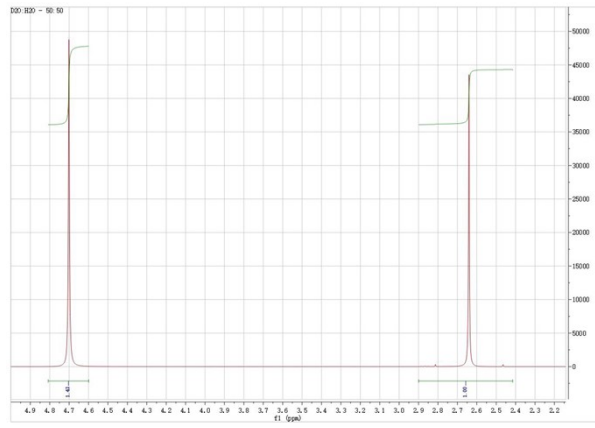
Co^(II)-doped hybrid Zn^(II) tetraborate complexes, [Zn_xCo_(1-x)(1,3-dap)B₄O₇](1,3-dap=1,3-diaminopropane): BET analysis and N₂/H₂O/D₂O adsorption studies.

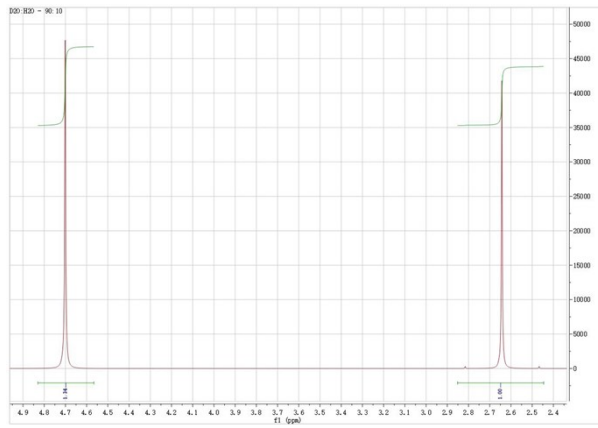
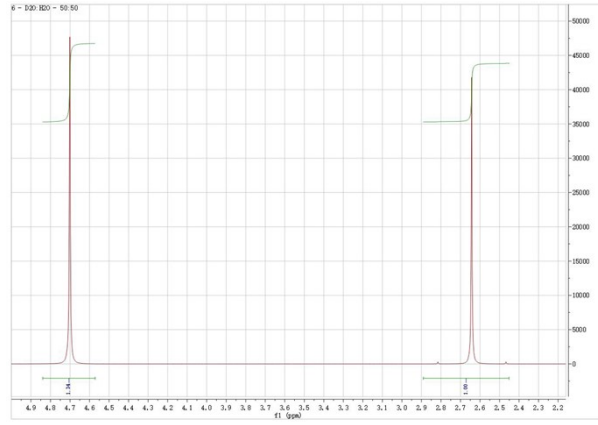
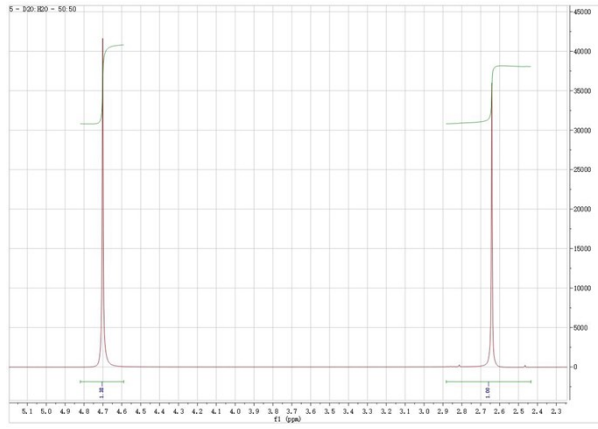
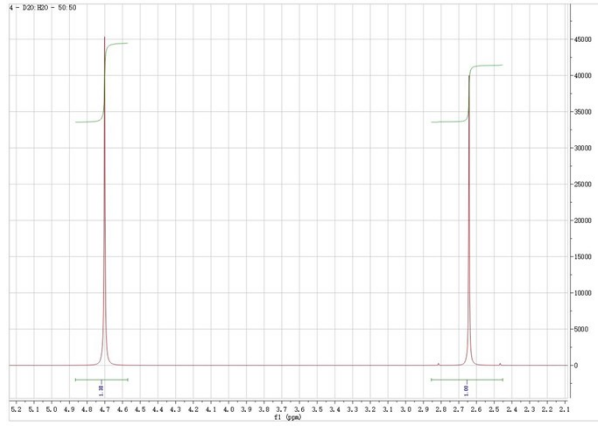
Lei Liu,^a Chun-Yang Pan,^{a*} Yong He,^a Li-Juan Zhong,^a Michael A Beckett^b

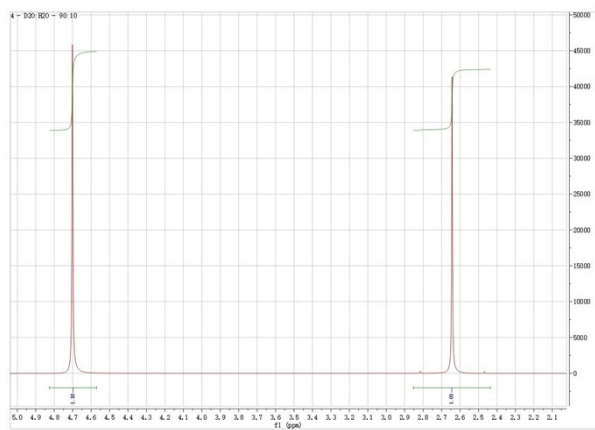
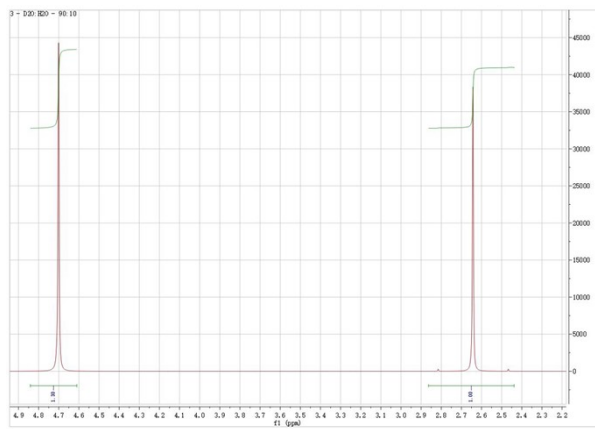
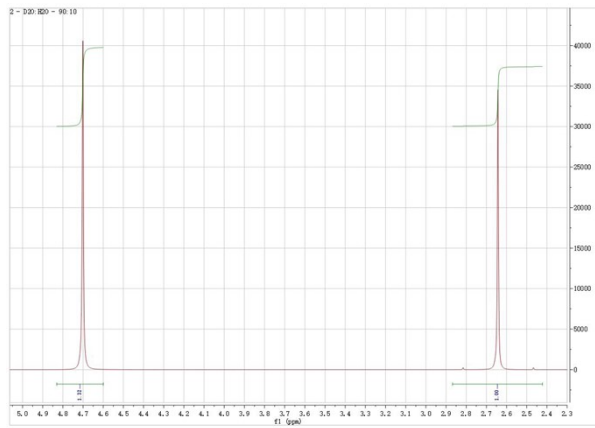
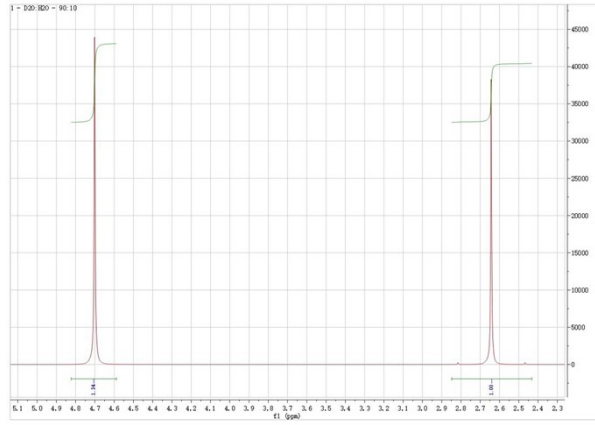
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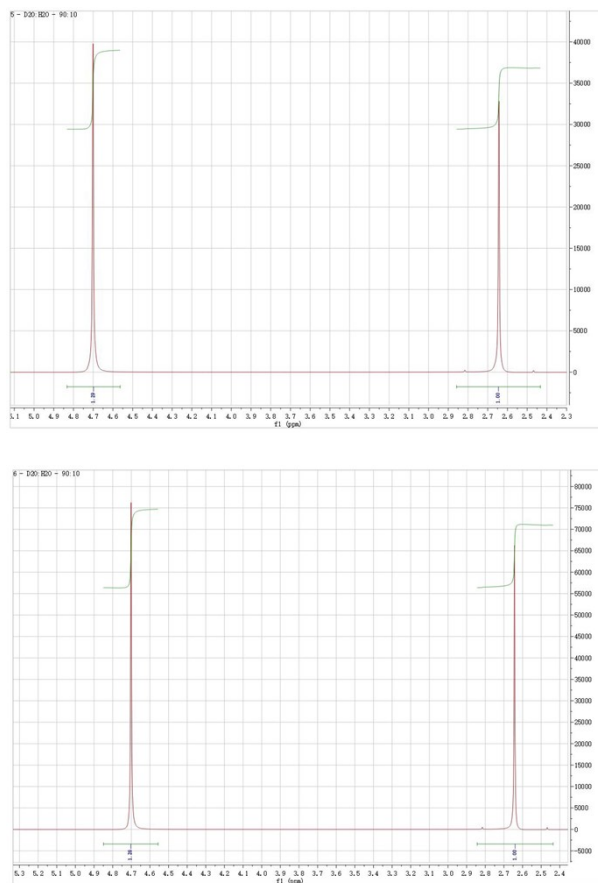


Figure S1. ^1H NMR: the relative integral area of H_2O , relative to an internal standard, after adsorption of synthetic $\text{D}_2\text{O}/\text{H}_2\text{O}$ mixtures by the hybrid borates **1-6**.

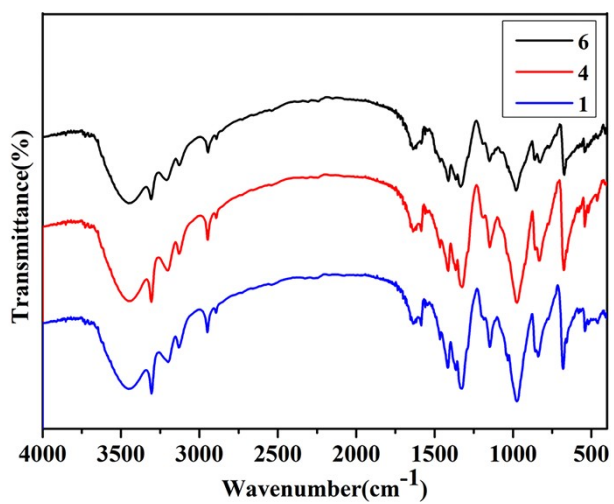


Figure S2. FT-IR spectra of **1**, **4** and **6**.

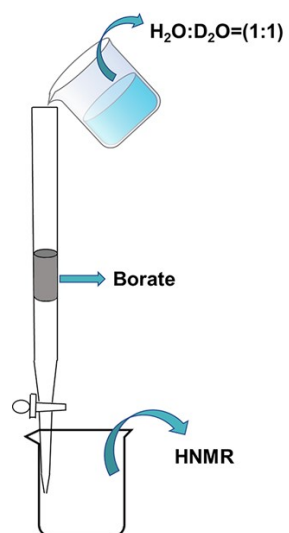


Figure S3. Schematic diagrams of the experimental device.