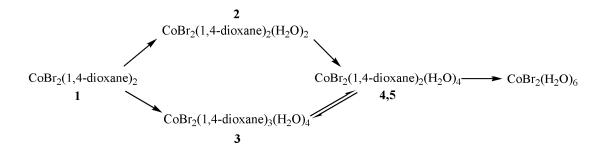
Supporting Information for "Solvent-Mediated Crystal-to-Crystal $Transformation\ within\ CoBr_2(1,4\text{-dioxane})_m(H_2O)_n\ Family\ (m=2,\,3;$ $n=0,\,2,\,4)\ from\ 2D\ to\ 1D,\ and\ 0D"\ by\ Bin\ Zhang\ {\it et\ al}$

Scheme S1. The structural relationship between 1, 2, 3 and 4, 5.



Scheme S2. The relationship between 1, 2, 3, 4, 5 and $CoBr_2(H_2O)_6$.

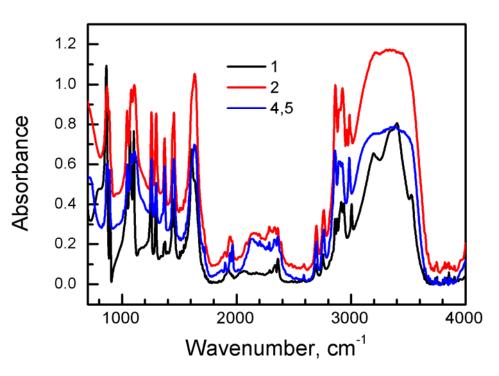


Figure S1. IR spectra of 1, 2, 4, and 5.

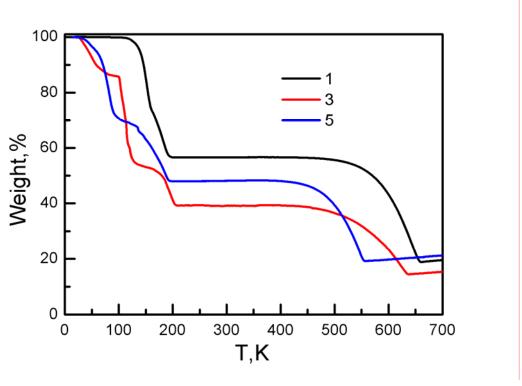


Figure S2. TGA plots of $CoBr_2(1,4-dioxane)_2$ (1), $CoBr_2(1,4-dioxane)_3(H_2O)_4$ (3), $CoBr_2(1,4-dioxane)_2(H_2O)_4$ (5) from room-temperature to 700°C.

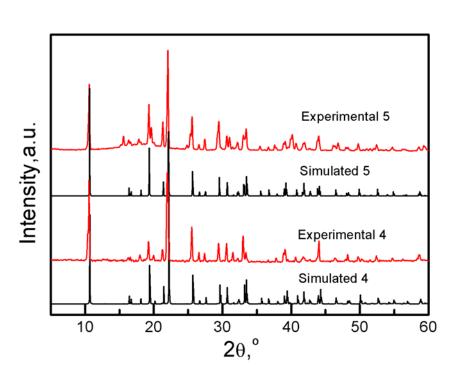


Figure S3. XPRD plots of 4, 5.