

Supplementary Material

Coordination chemistry meets halogen bonding and hydrogen bonding: building networks from 3-iodobenzoate paddlewheel units $[\text{Cu}_2(\text{3-Ibz})_4(\text{L})_2]$.

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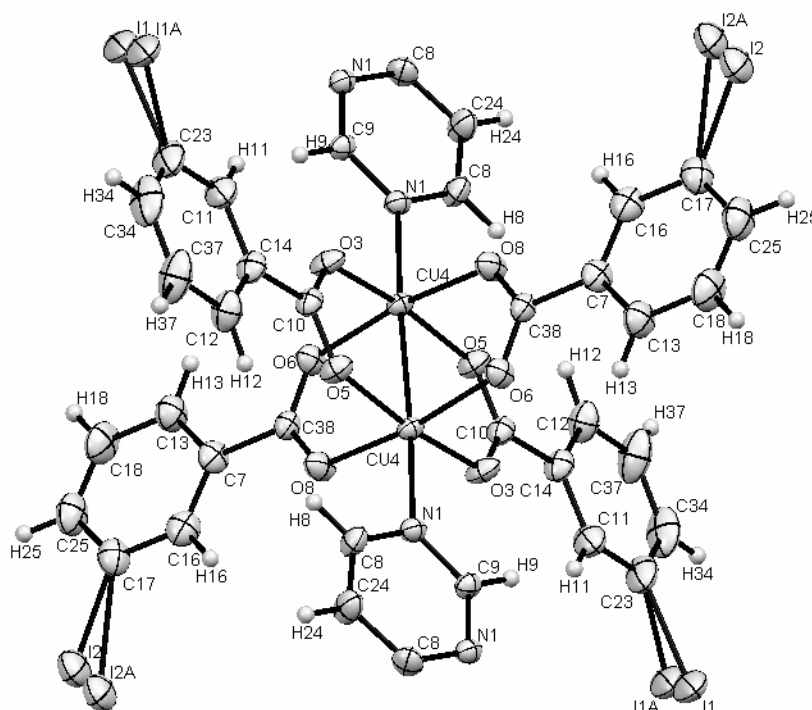


Figure S1. Crystal structure of **1-MeOH** shown with 50% displacement ellipsoids, including disorder of the iodo groups. Hydrogen atoms are shown as spheres of arbitrary radius.

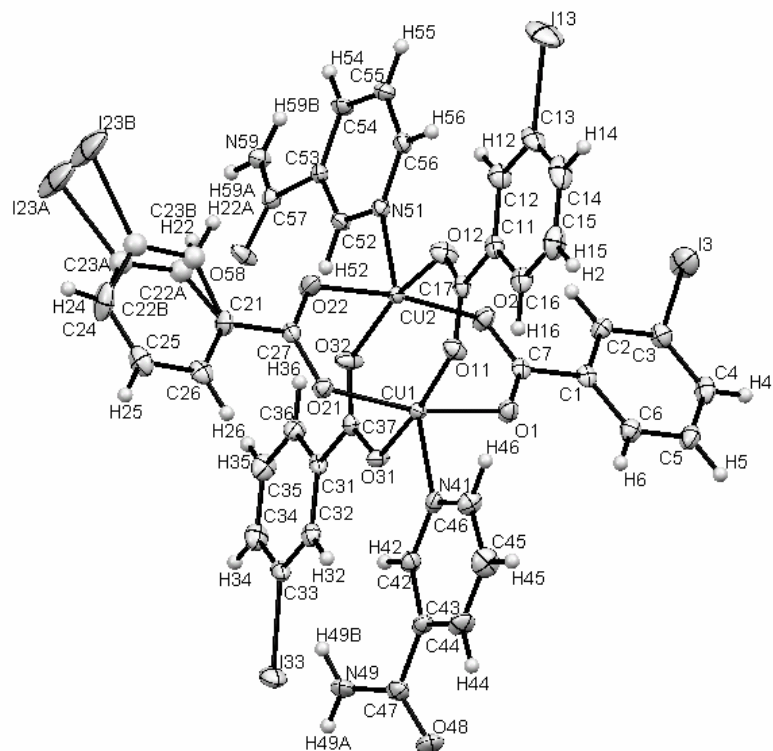


Figure S2. Crystal structure of **5** shown with 50% displacement ellipsoids, illustrating the disorder present in one of the iodobenzoate rings. Hydrogen atoms are shown as spheres of arbitrary radius.