

Supporting information

Coordination Polymer of Copper(I) Iodide with 6⁵4 Topology Constructed from Cu₄I₄(DABCO)₄

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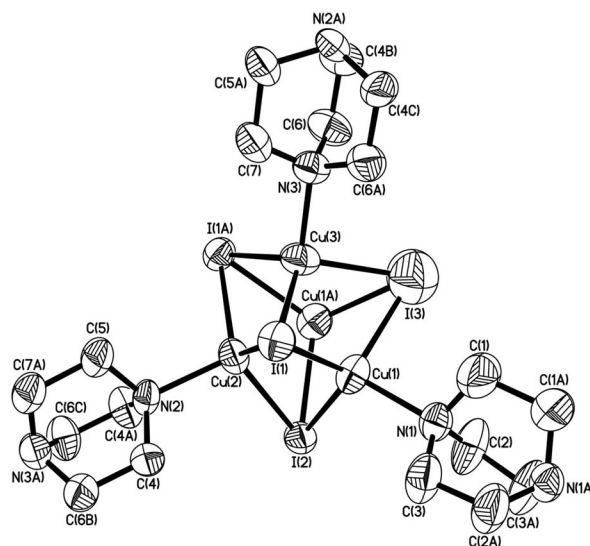


Figure S1. Structure Cu₄I₄(DABCO)₄ in the title compound with 50% probability thermal ellipsoids and the labeling scheme for all atoms.

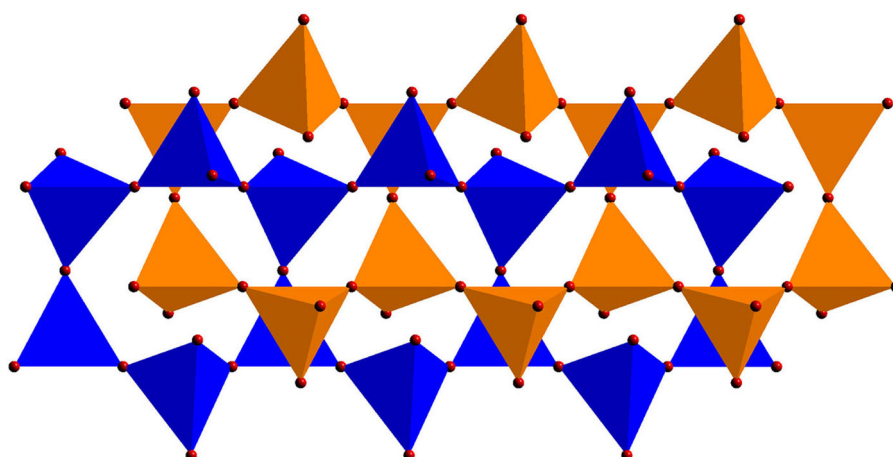


Figure S2. The interpenetration of the title compound. Each red ball represents the center of DABCO and the polyhedra is the $(\text{Cu}_4\text{I}_4)_2(\text{DABCO})_4$. The six-membered is in the boat configuration.

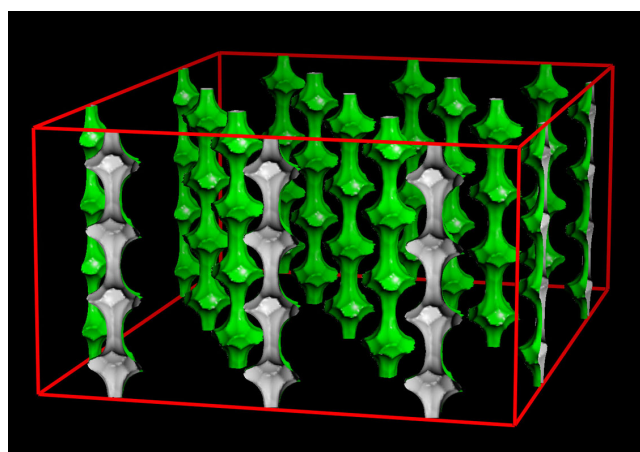


Figure S3. The accessible surface enclosing the void volumes of the title compound. The green surfaces are the accessible surfaces and the gray volumes are the void volumes

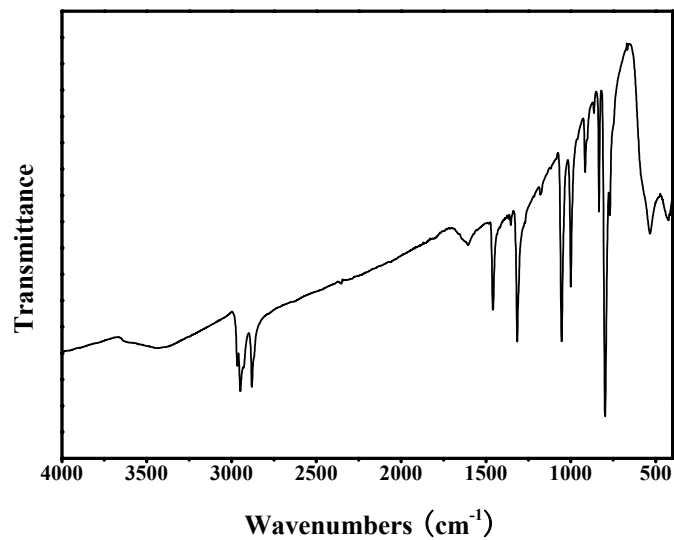


Figure S4. IR spectrum of the title compound