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Supporting information for article:

Molecular conformation induced two copper(II) coordination polymers through one-pot cocrystallization

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Table S1 Energies of HOMO and LUMO as well as the total energies of the *trans* and *cis* conformations of bibp calculated with B3LYP/6-31G(d).

Optimized ligand	HOMO (eV)	LUMO (eV)	Total energy (a. u.)
trans-	-5.733	-1.939	-1554.84295704
cis-	-5.720	-1.896	-1554.84146961

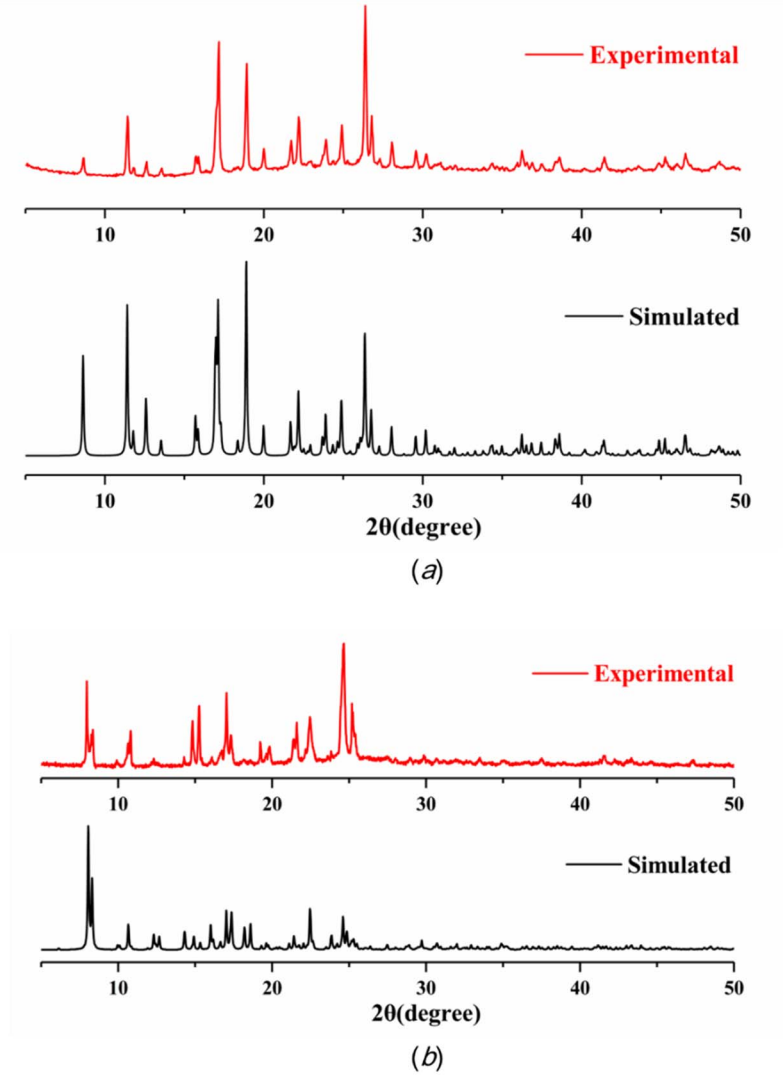

Figure S1 The measured and simulated PXRD patterns of (*a*) (I) and (*b*) (II).

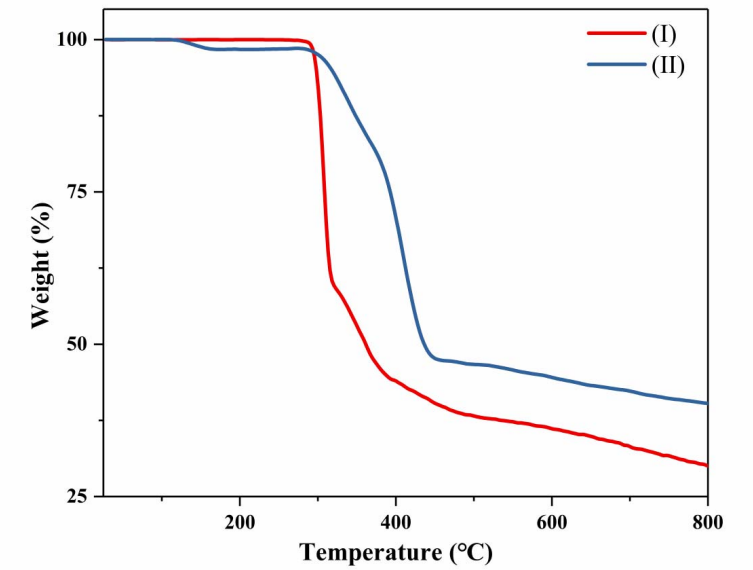

Figure S2 Thermogravimetric (TG) curves for (I) and (II).