

Electronic Supplementary Information (ESI)

Spacer length-controlled assembly of $[\text{Cu}_n\text{I}_n]$ -based coordination polymers from CuI and bis(4-phenylpyrimidine-2-thio)alkane ligands

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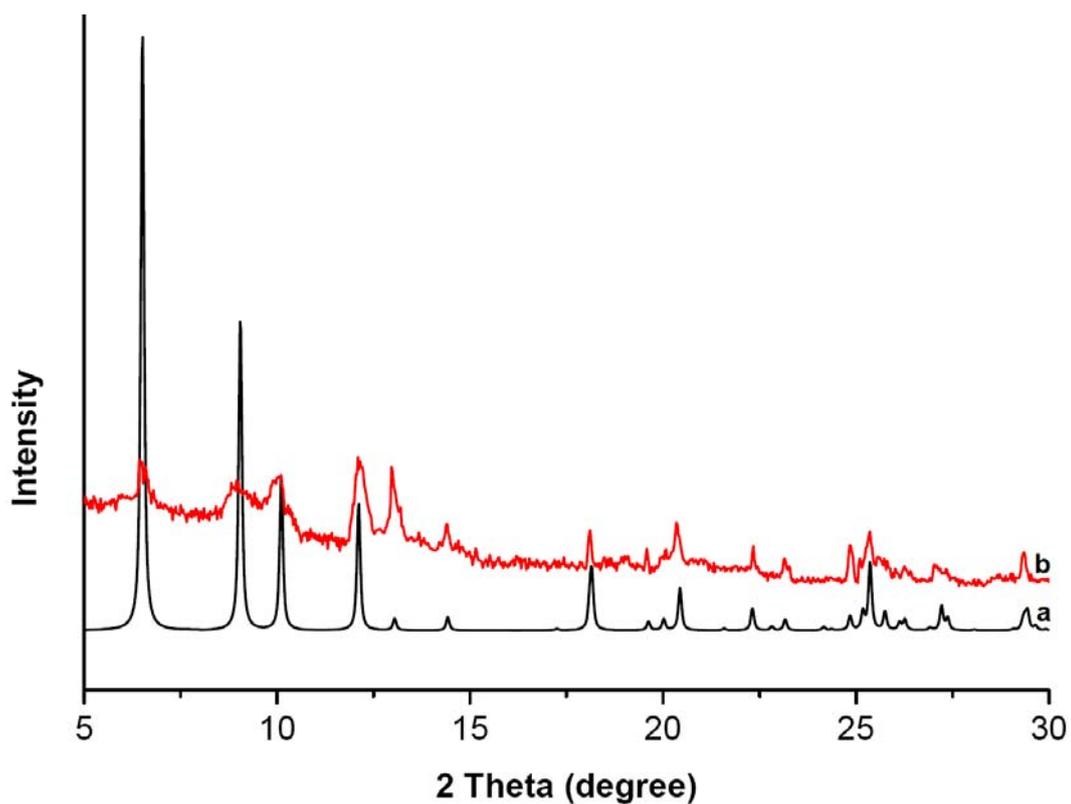


Figure S1. PXRD patterns for **1**. (a) simulated; (b) a single-phase polycrystalline sample of **1**

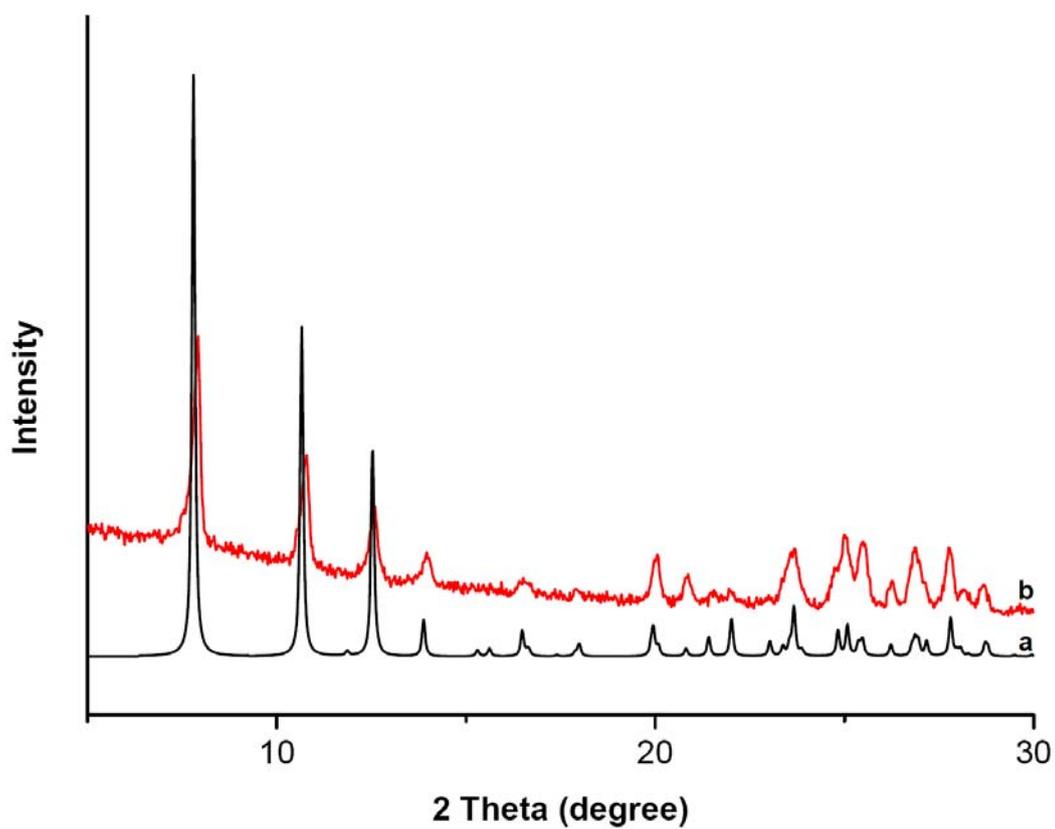


Figure S2. PXRD patterns for **2**. (a) simulated; (b) a single-phase polycrystalline sample of **2**

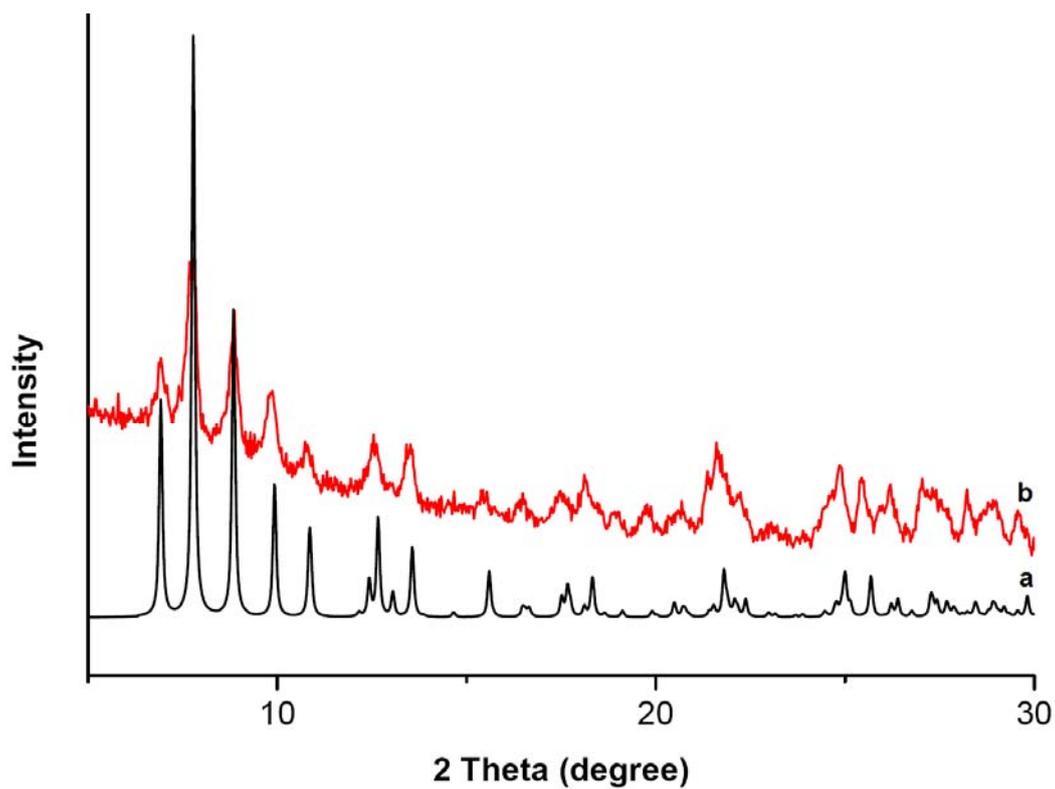


Figure S3. PXRD patterns for **3**. (a) simulated; (b) a single-phase polycrystalline sample of **3**

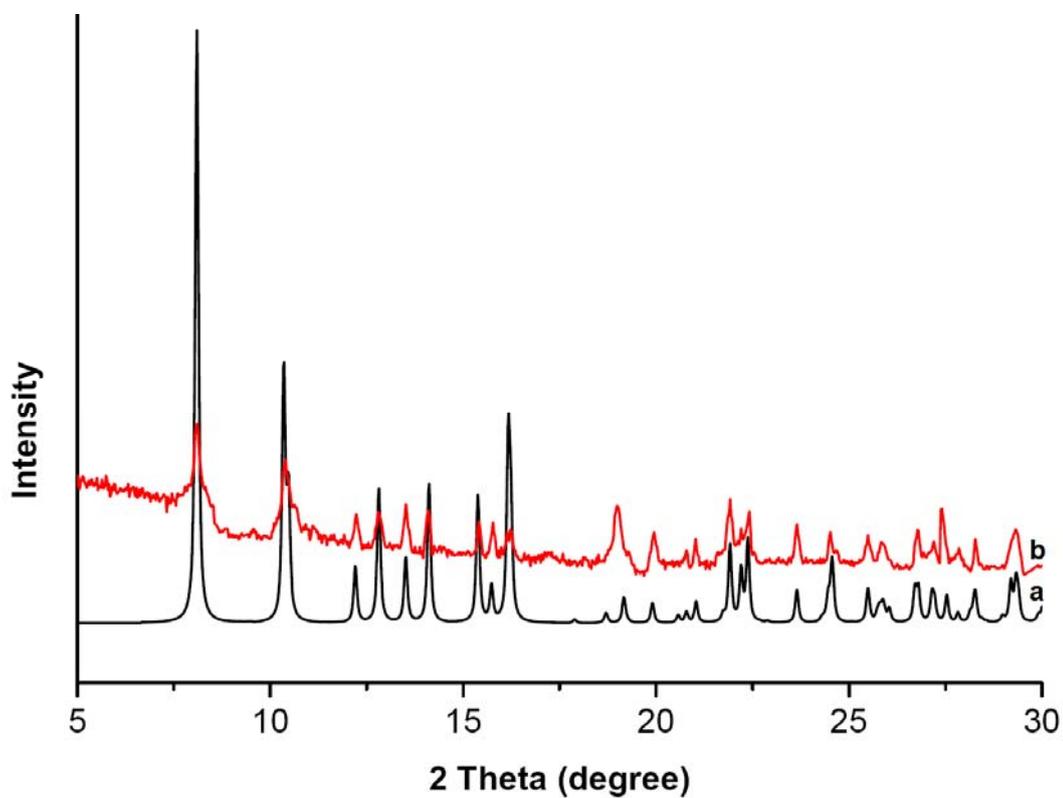


Figure S4. PXRD patterns for **4**. (a) simulated; (b) a single-phase polycrystalline sample of **4**

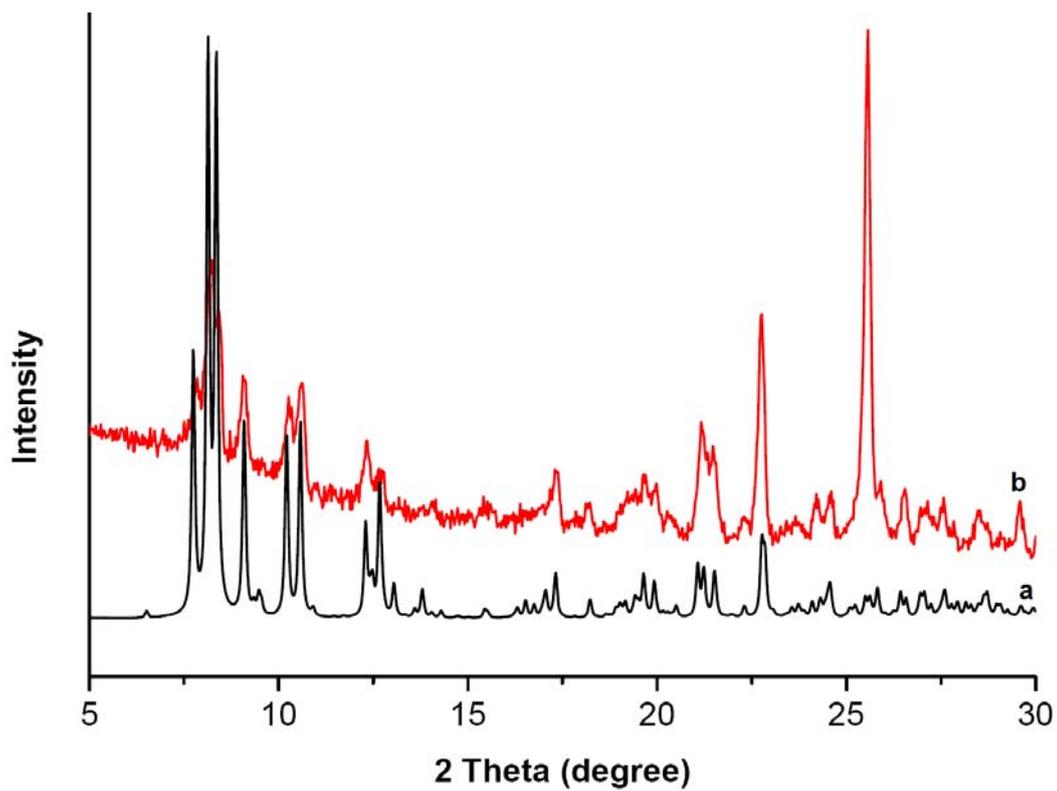


Figure S5. PXRD patterns for **5**. (a) simulated; (b) a single-phase polycrystalline sample of **5**

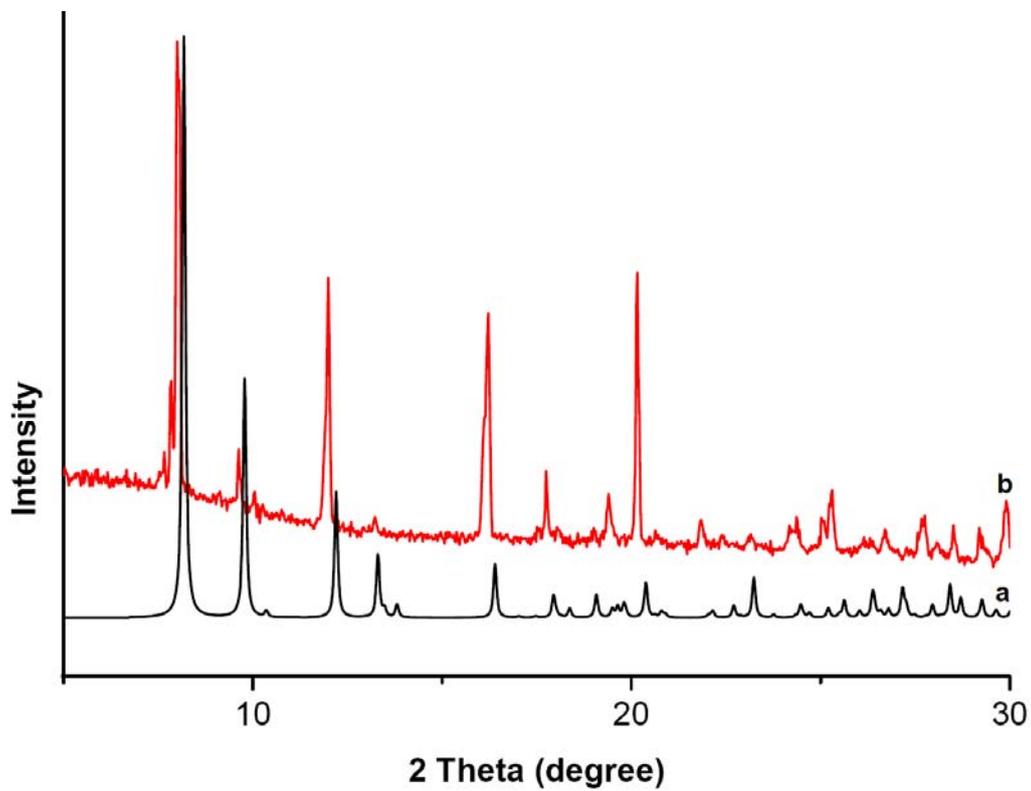


Figure S6. PXRD patterns for **6**. (a) simulated; (b) a single-phase polycrystalline sample of **6**

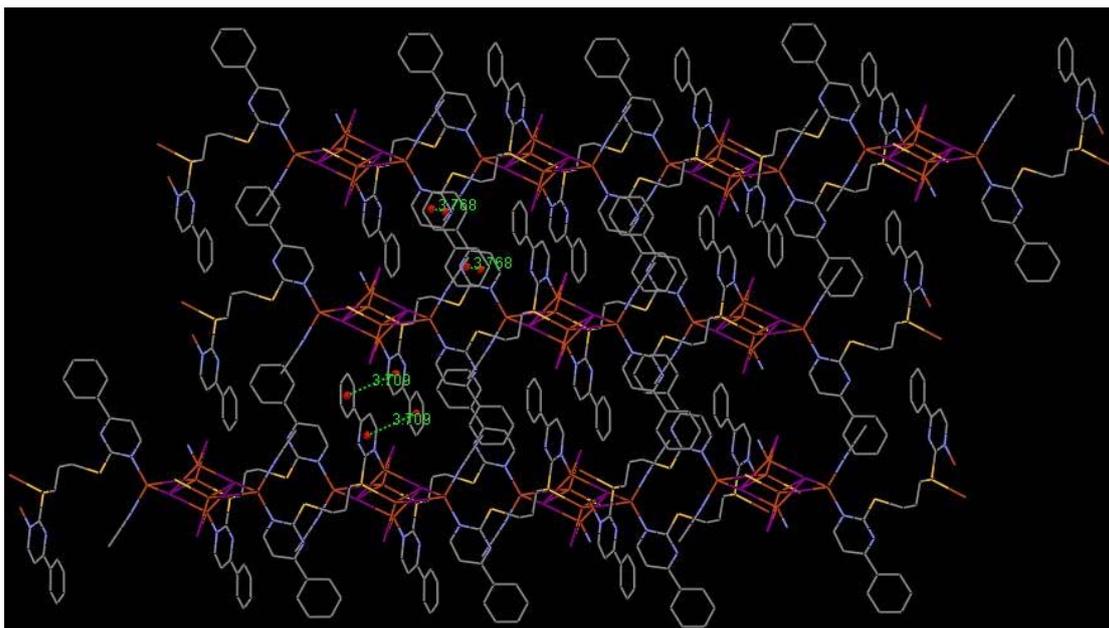


Fig. S7. π - π interactions between the phenyl and pyrimidyl rings of bphpypr ligand of **3**.

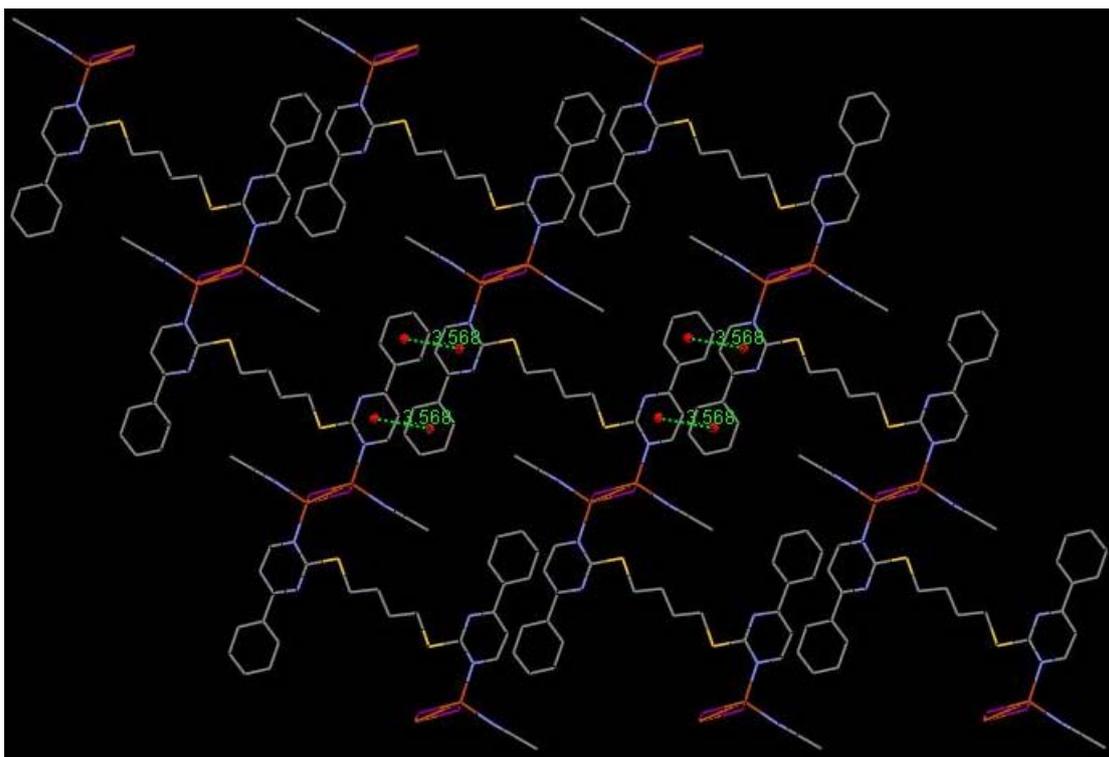


Fig. S8. π - π interactions between the phenyl and pyrimidyl rings of bphpypr ligand of **4**.