

Supporting information

Structure-directing roles of polycarboxylate anions in the formation of Ag(I) coordination polymers with mixed ligands

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Fig. S1. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environment about the Ag(I) cation of complex **1**.

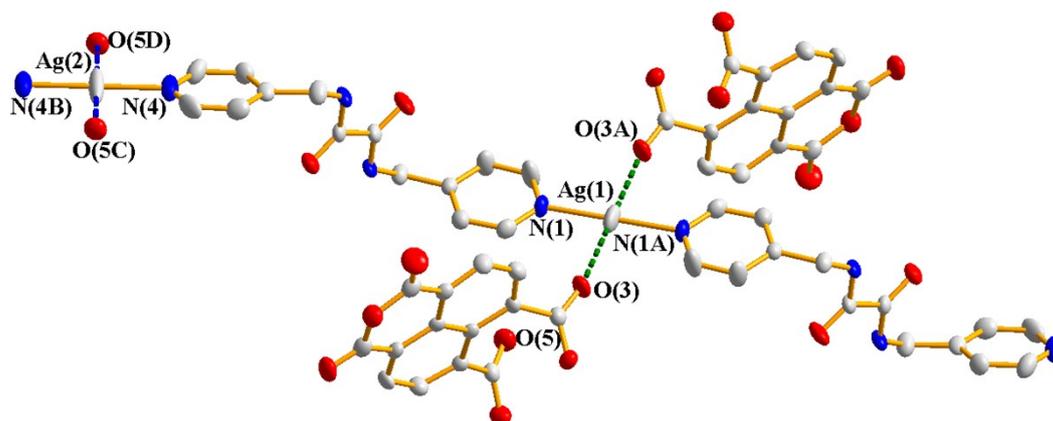


Fig. S2. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environment about the Ag(I) cation complex **2**.

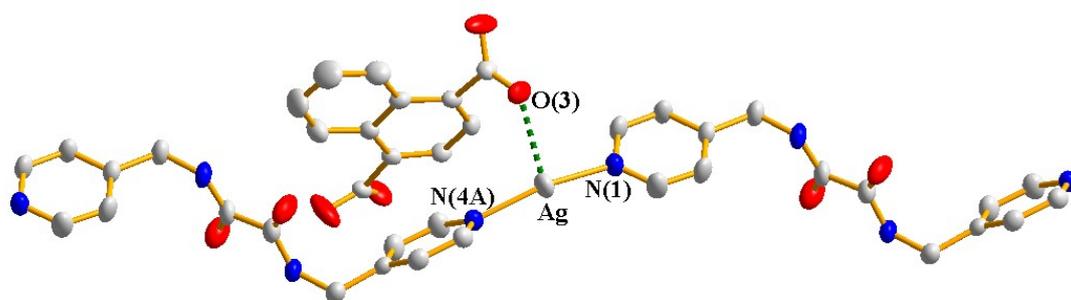


Fig. S3. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environment about the Ag(I) cation of complex **3**.

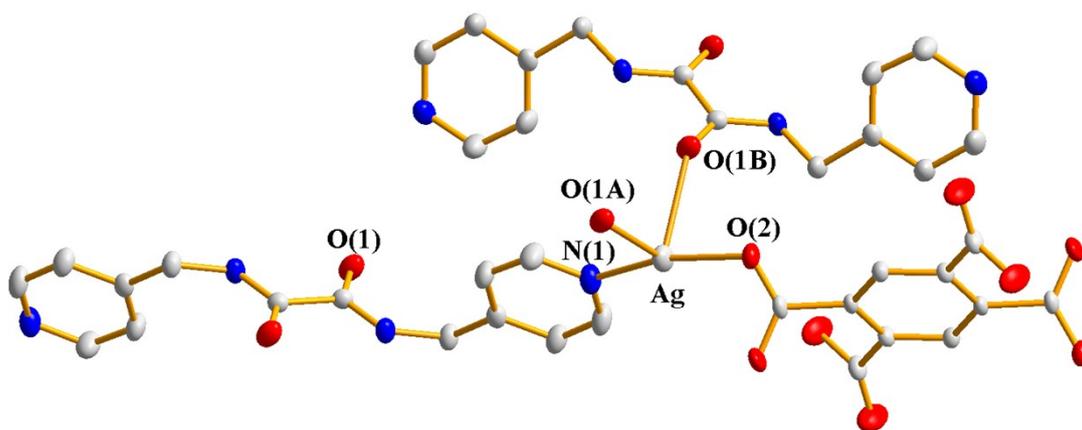


Fig. S5. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environment about the Ag(I) cation of complex **5**.

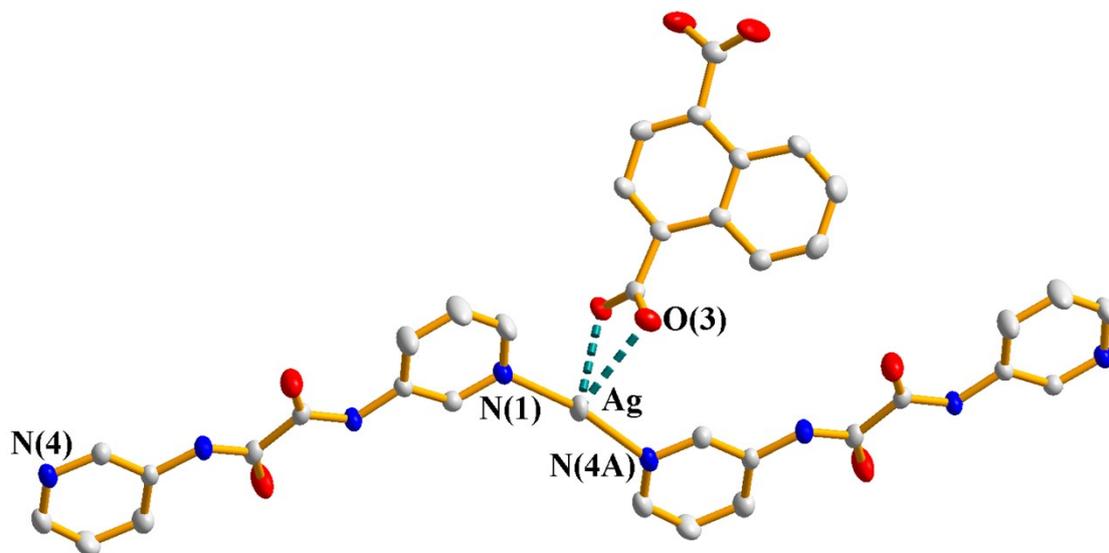


Fig. S6. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environment about the Ag(I) cation of complex **6**.

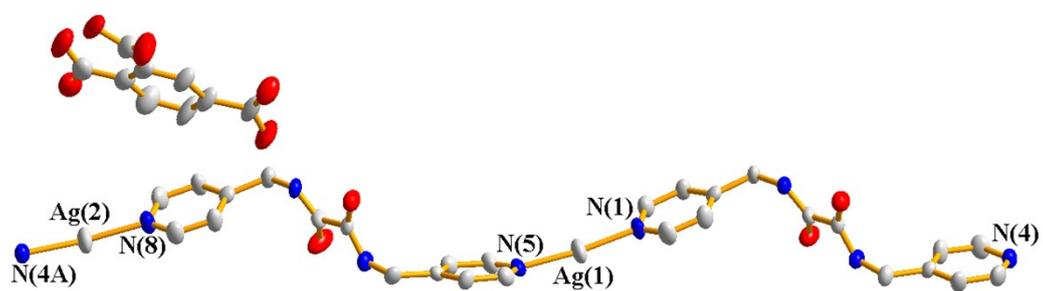


Fig. S8. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environments about the Ag(I) cations of complex **8**.

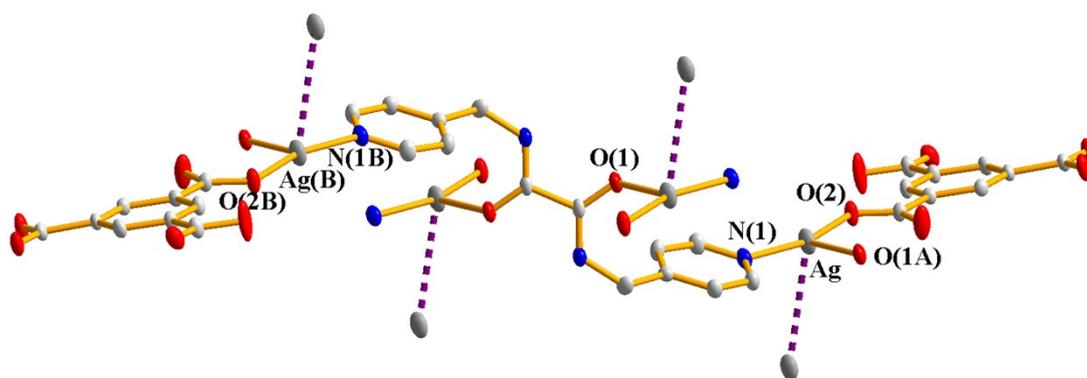


Fig. S9. An ORTEP drawing with ellipsoid probability of 50 % for atoms in the coordination environments about the Ag(I) cations of complex **9**.

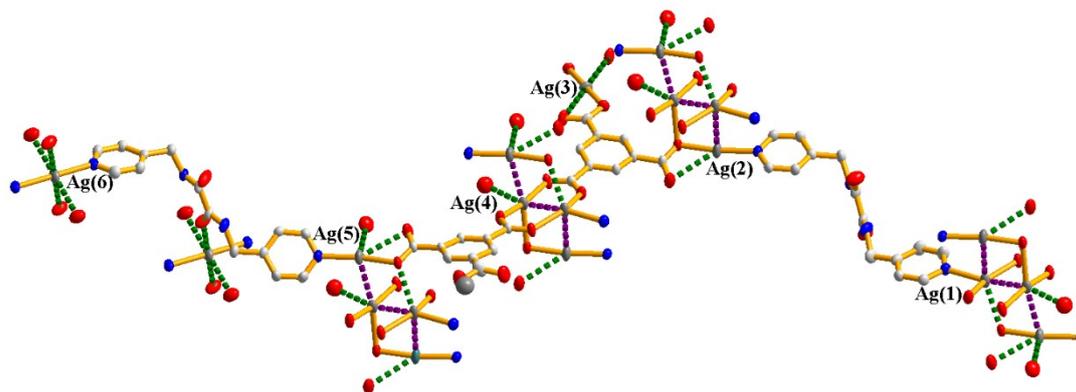


Fig. S10. (a) Simulated and (b) experimental PXRD patterns of **1**.

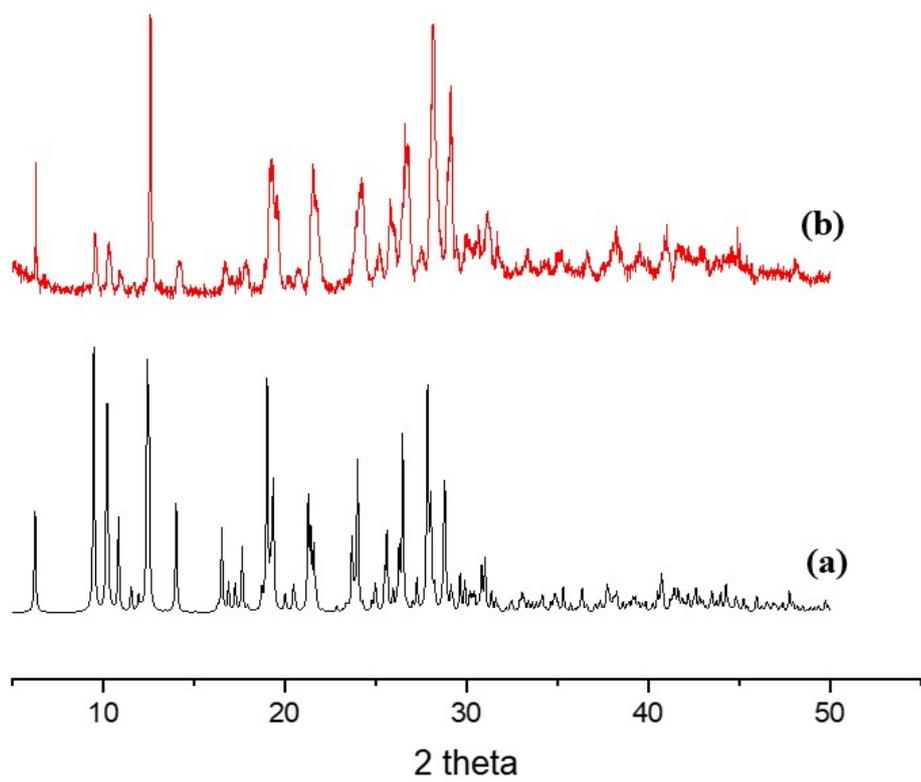


Fig. S11. (a) Simulated and (b) experimental PXRD patterns of **2**.

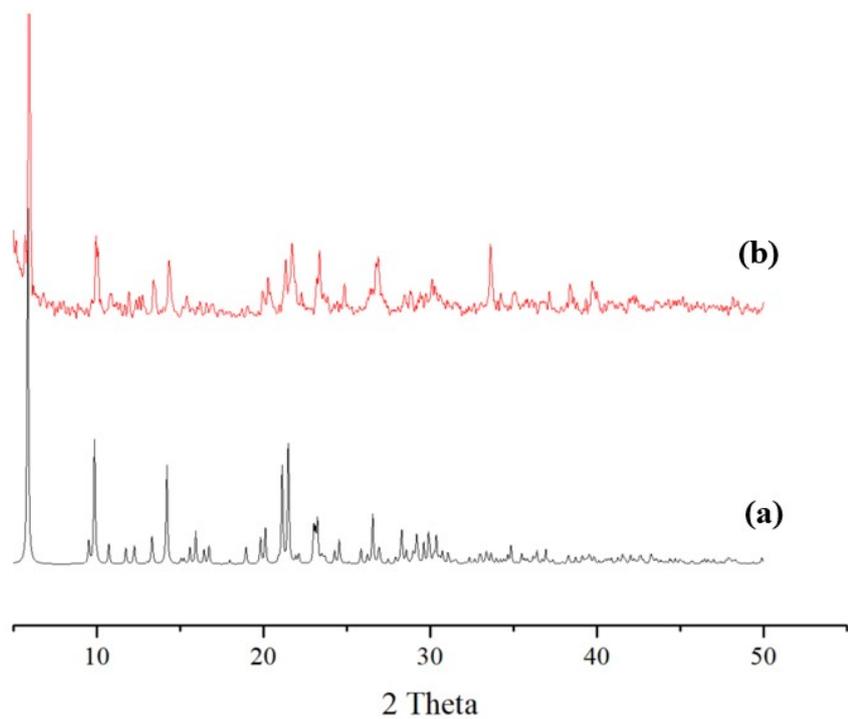


Fig. S12. (a) Simulated and (b) experimental PXRD patterns of **3**.

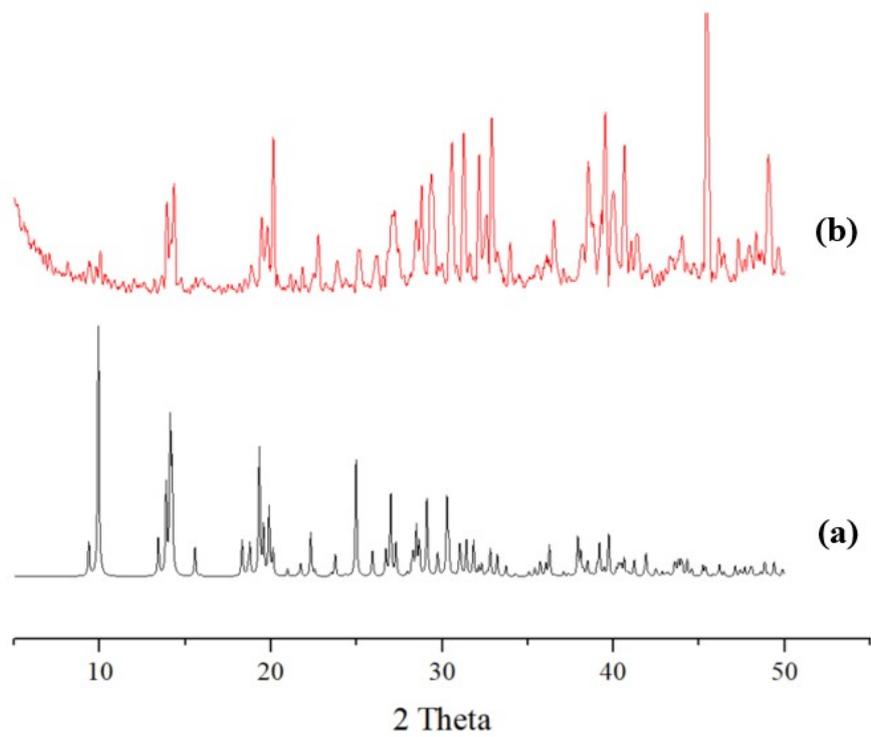


Fig. S13. (a) Simulated and (b) experimental PXRD patterns of **4**.

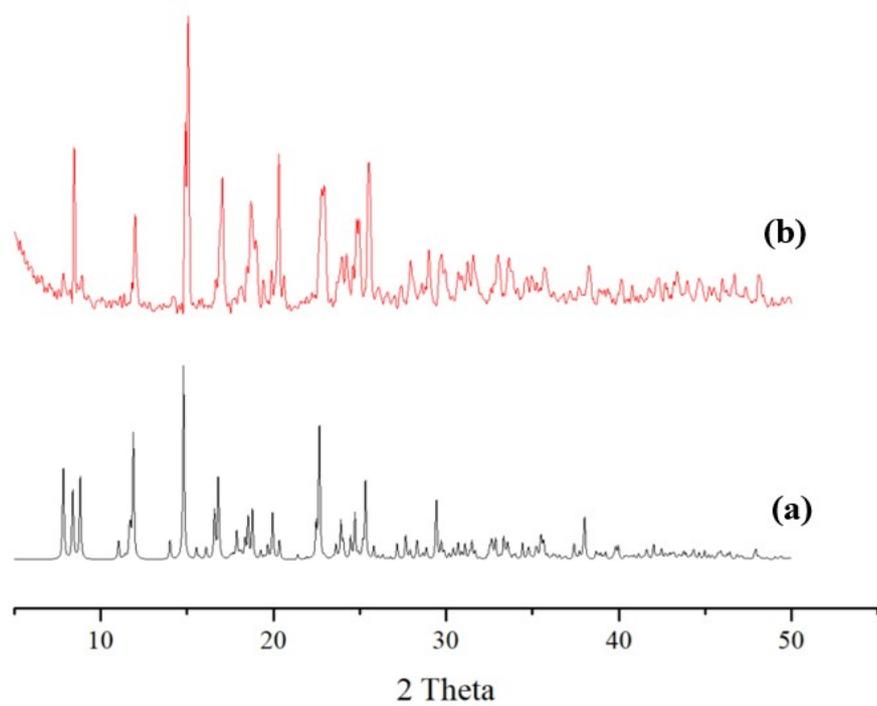


Fig. S14. (a) Simulated and (b) experimental PXRD patterns of **5**.

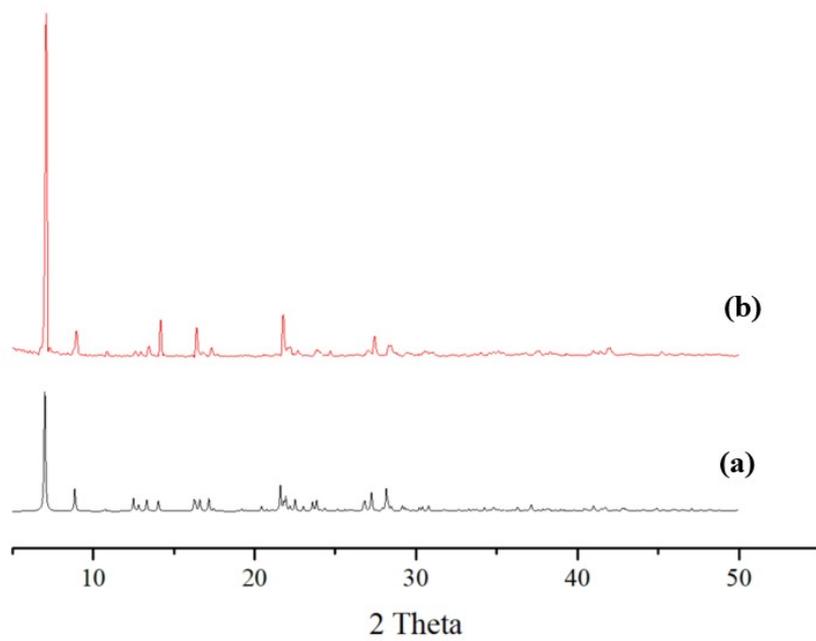


Fig. S15. (a) Simulated and (b) experimental PXRD patterns of **6**.

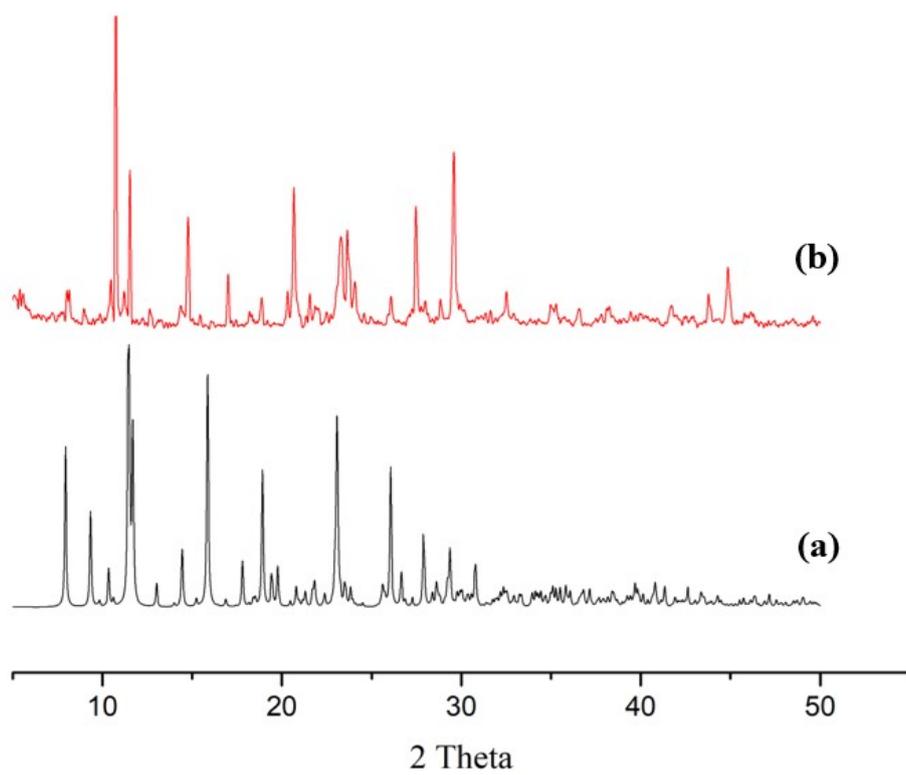


Fig. S16. (a) Simulated and (b) experimental PXRD patterns of 7.

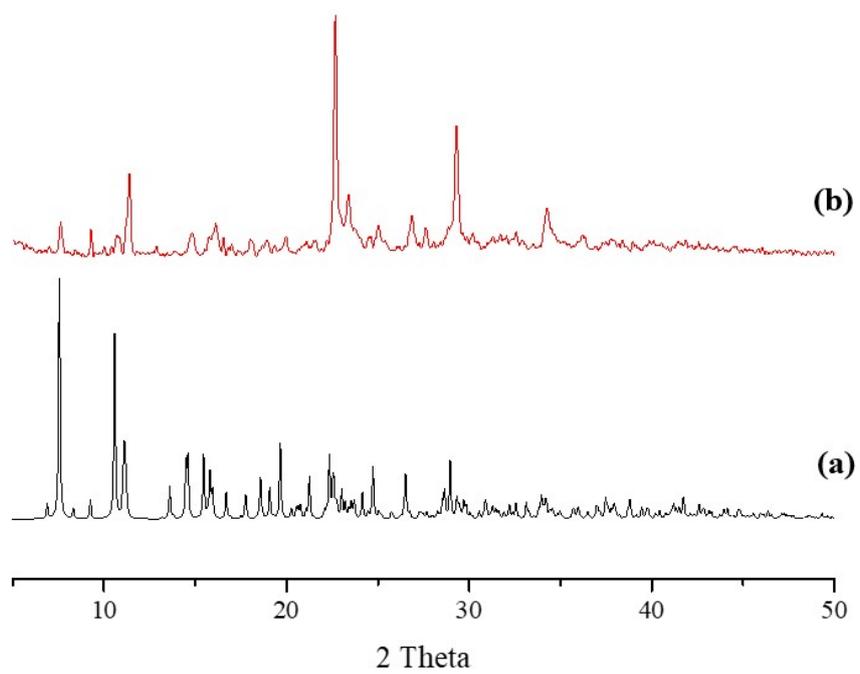


Fig. S17. (a) Simulated and (b) experimental PXRD patterns of **8**.

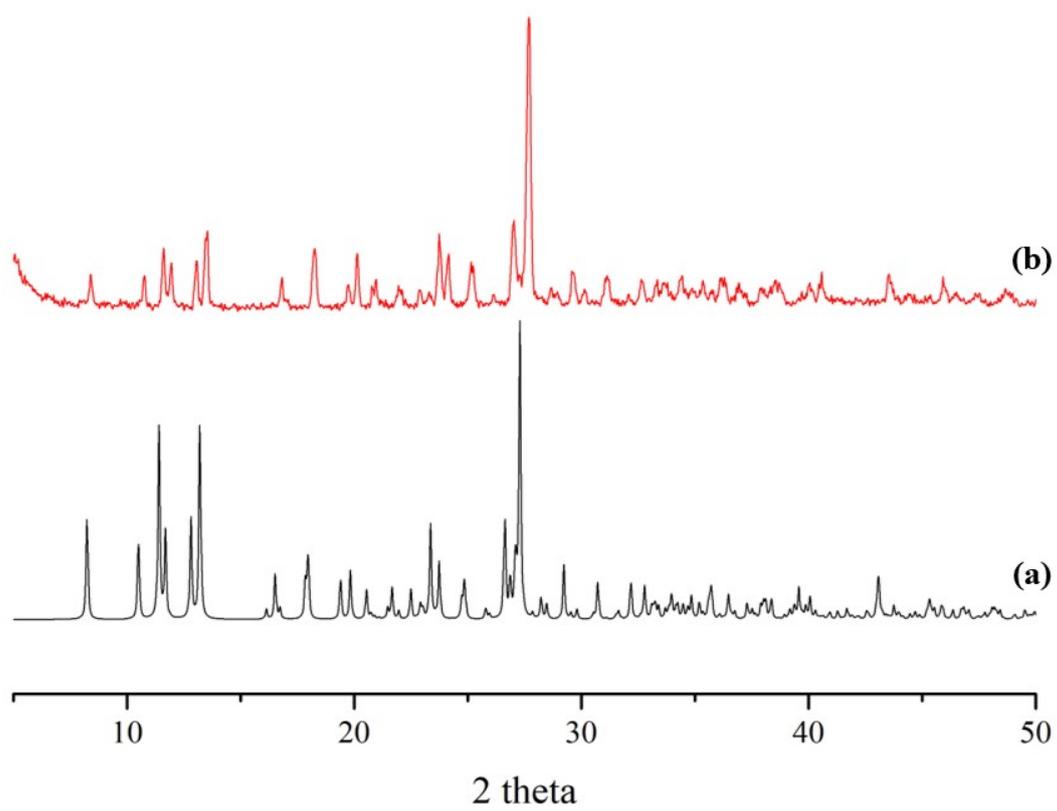


Fig. S18. (a) Simulated and (b) experimental PXRD patterns of **9**.

