

Influence of Anions and Solvent Molecules on the Packing and Emission Spectra of Coordination Polymers Based on Silver ions and an Anthracene Derivative

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Supplementary materials

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Fig S2: ORTEP plot of **2**, ellipsoids draw at 50 % of probability; #1: 3-x, 2-y, 1-z; #2: -2+x, -2+y, -1+z; some H atoms are omitted for clarity.

Fig S3: ORTEP plot of **3**, ellipsoids draw at 50 % of probability; #1: -x, 1-y, 2-z; #2: x, y, 1+z; some H atoms are omitted for clarity.

Fig S4: ORTEP plot of **4**, ellipsoids draw at 35 % of probability; #1: 1-x, -y, -z; #2: -1+x, -1+y, -1+z; some H atoms are omitted for clarity.

Fig S5: ORTEP plot of **5**, ellipsoids draw at 35 % of probability; #1: 1/2-x, -3/2-y, -z; #2: 1+x, y, 3/2-z; #3: 1-x, -y, 1-z, #4: x, -y, -1/2+z; H atoms are omitted for clarity.

Fig S6. Packing in the crystal structure of **5**; H atoms are omitted for clarity.

Fig S7. Packing in the crystal structure of **5** showing the weak interactions between adjacent anthracene moieties; H atoms are omitted for clarity.

Fig S8. Upper view of the stacking in the crystal structure of **1** to **4** showing the overlays between adjacent anthracene moieties; Centroids are represented by the black point at the center of each anthracene; H atoms are omitted for clarity.

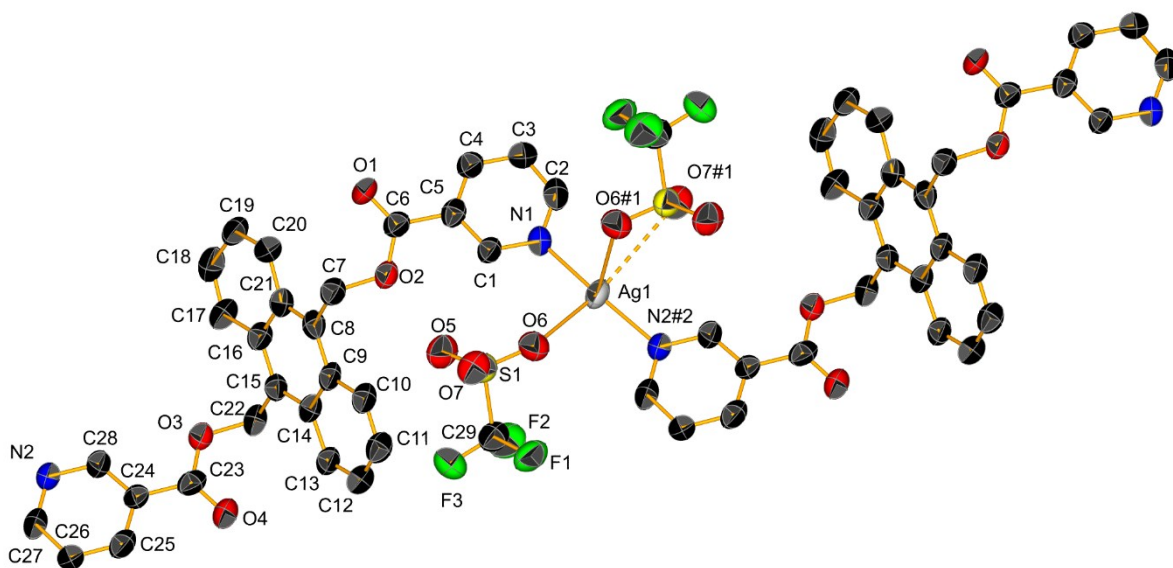


Fig S1: ORTEP plot of 1, ellipsoids draw at 35 % of probability; #1: 1-x, 1-y, 1-z; #2: 1+x, 1+y, 1+z; H atoms are omitted for clarity.

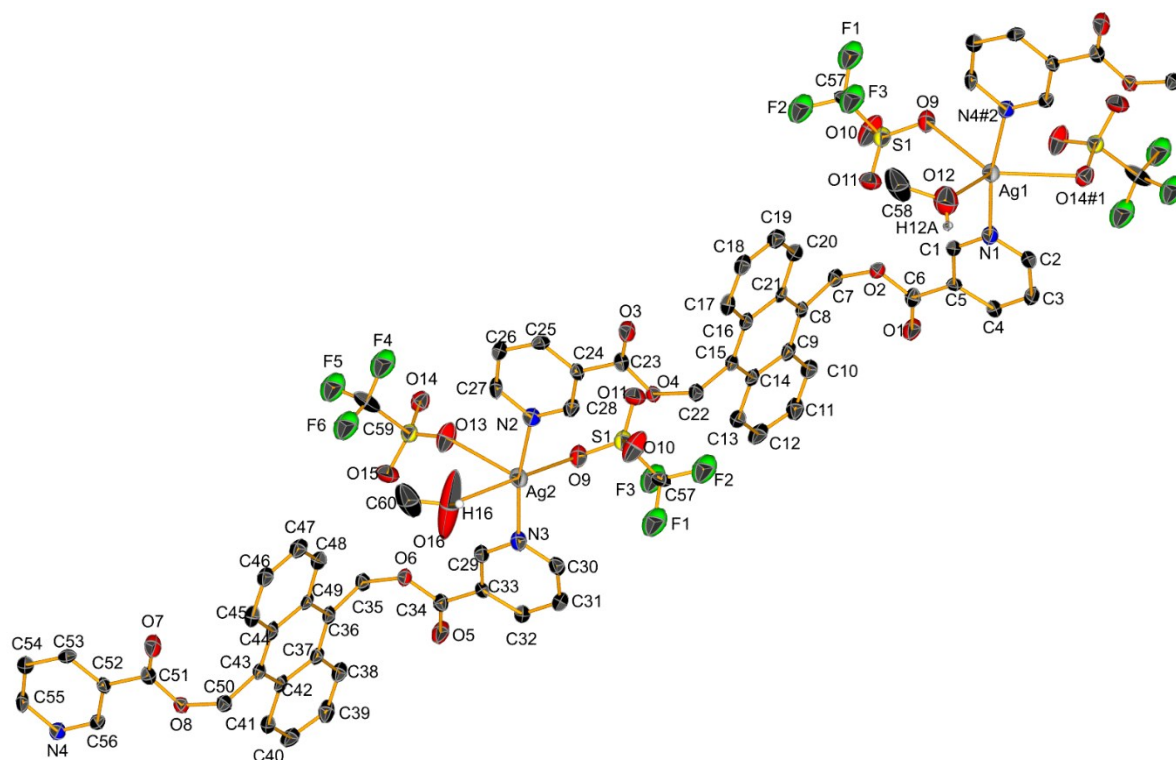


Fig S2: ORTEP plot of 2, ellipsoids draw at 50 % of probability; #1: 3-x, 2-y, 1-z; #2: -2+x, -2+y, -1+z; some H atoms are omitted for clarity.

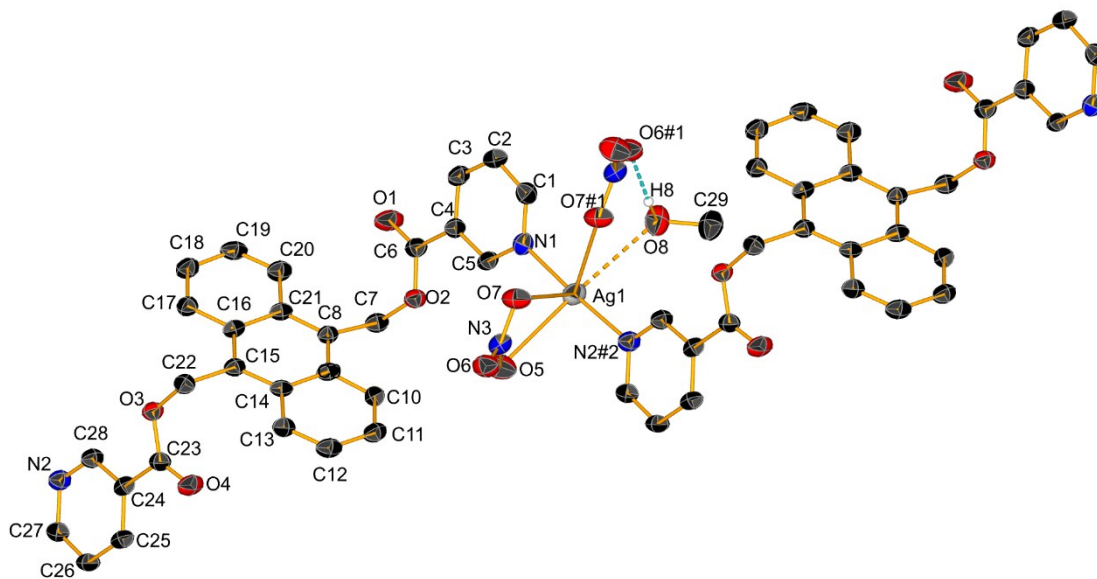


Fig S3: ORTEP plot of 3, ellipsoids draw at 50 % of probability; #1: $-x, -y, 2-z$; #2: $x, y, 1+z$; some H atoms are omitted for clarity.

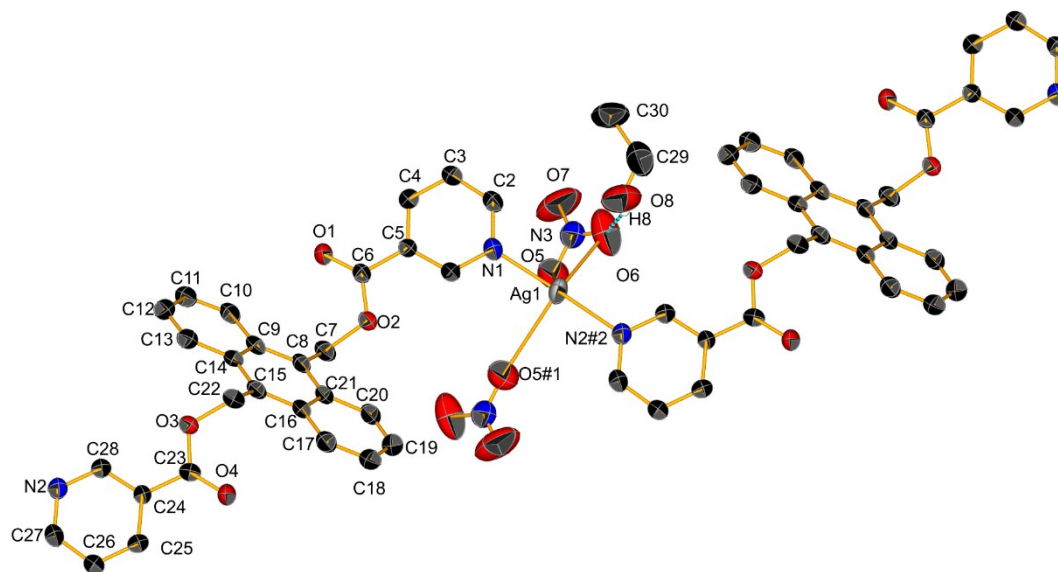


Fig S4: ORTEP plot of 4, ellipsoids draw at 35 % of probability; #1: $1-x, -y, -z$; #2: $-1+x, -1+y, -1+z$; some H atoms are omitted for clarity.

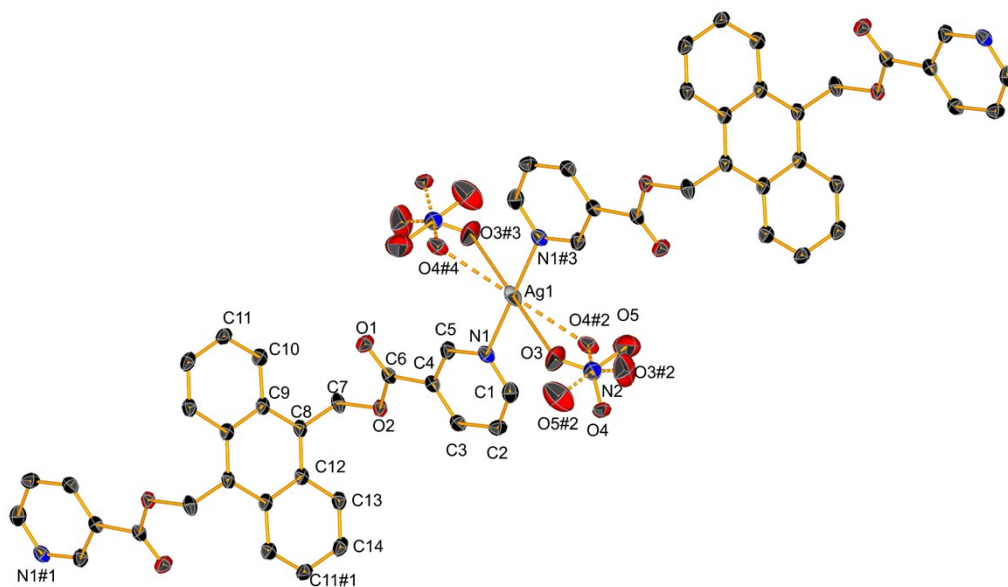


Fig S5: ORTEP plot of 5, ellipsoids draw at 35 % of probability; #1: $1/2-x, -3/2-y, -z$; #2: $1+x, y, 3/2-z$; #3: $1-x, -y, 1-z$, #4: $x, -y, -1/2+z$; H atoms are omitted for clarity.

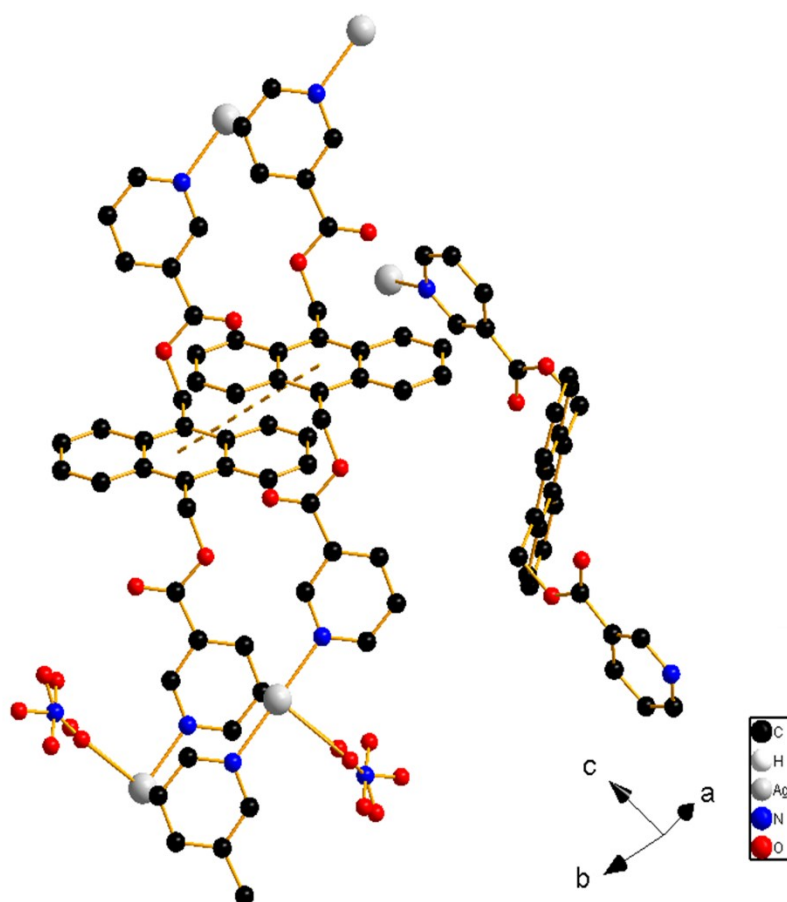


Fig S6. Packing in the crystal structure of 5; H atoms are omitted for clarity.

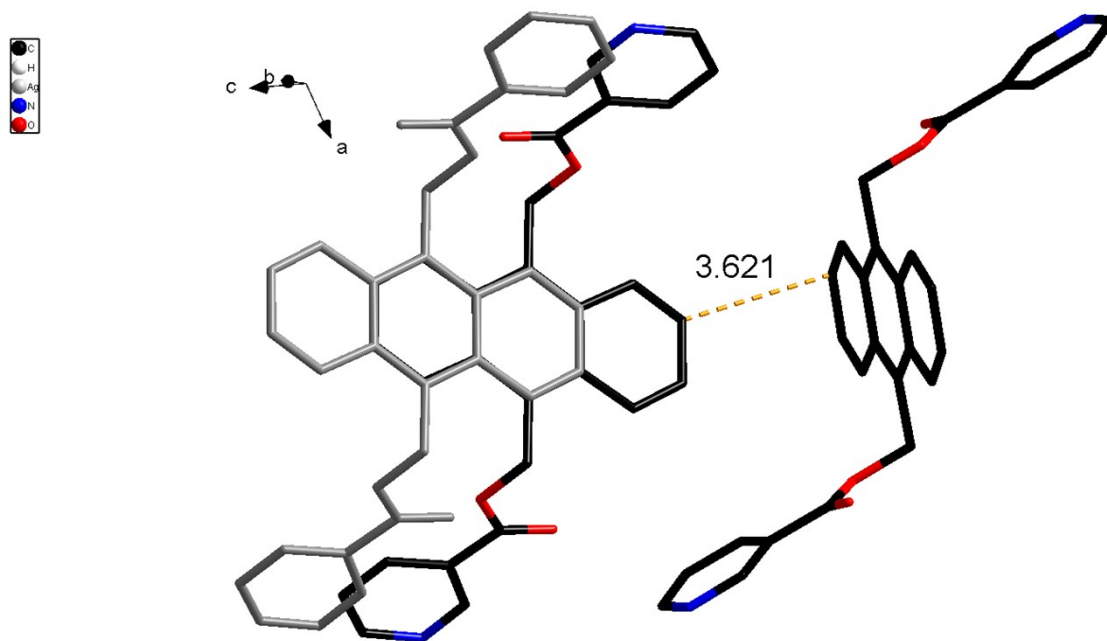


Fig S7. Packing in the crystal structure of **5** showing the weak interactions between adjacent anthracene moieties; H atoms are omitted for clarity.

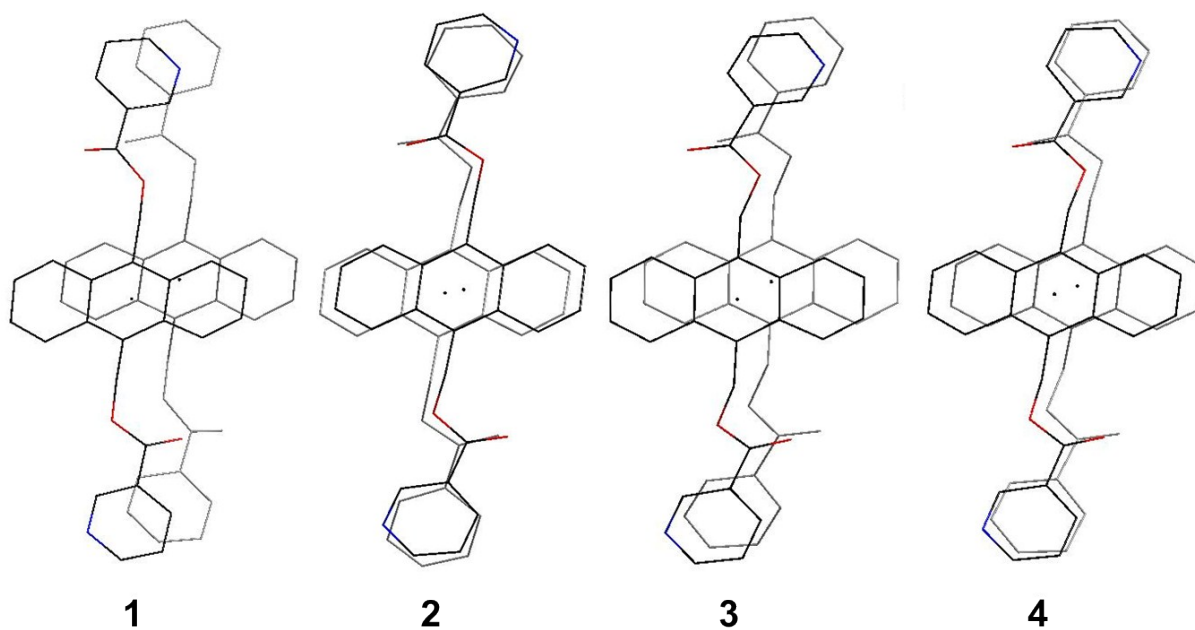


Fig S8. Upper view of the stacking in the crystal structure of **1** to **4** showing the overlays between adjacent anthracene moieties; Centroids are represented by the black point at the center of each anthracene; H atoms are omitted for clarity.