

Electronic Supplementary Information (ESI) for CrystEngComm

Self-assembly, thermal stability and photoluminescence of two mixed-ligand silver(I) networks *via* 2D→2D and 2D→3D parallel interpenetration of (4,4) nets

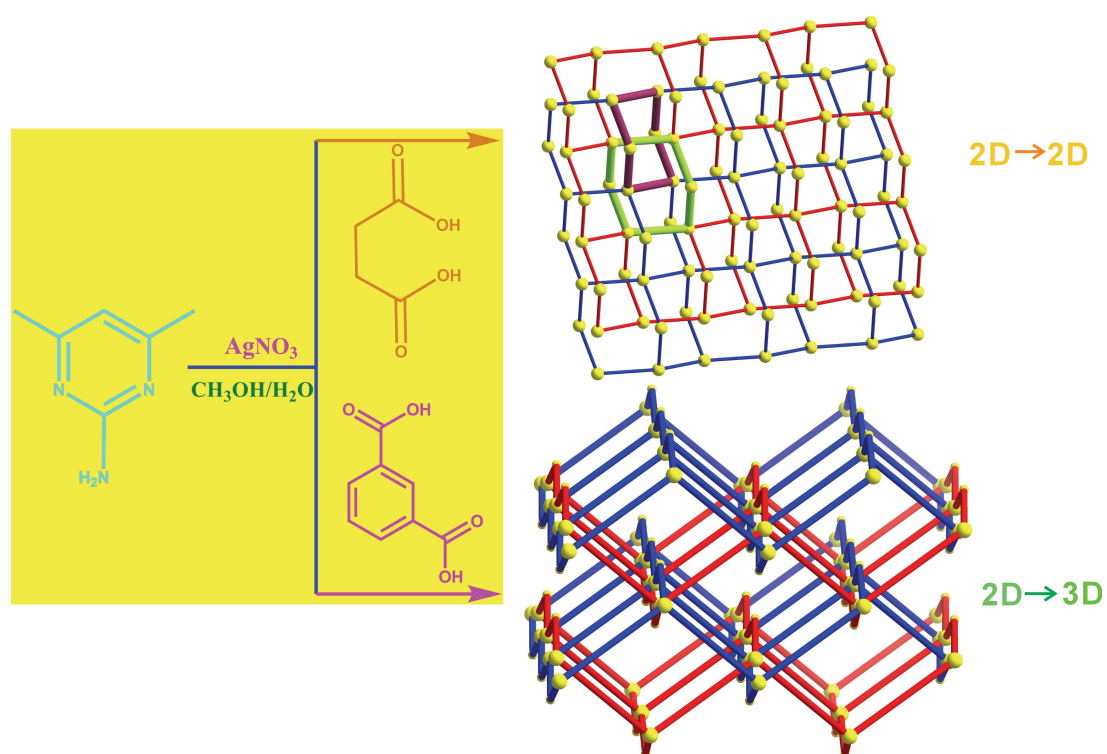
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Electronic Supporting Information

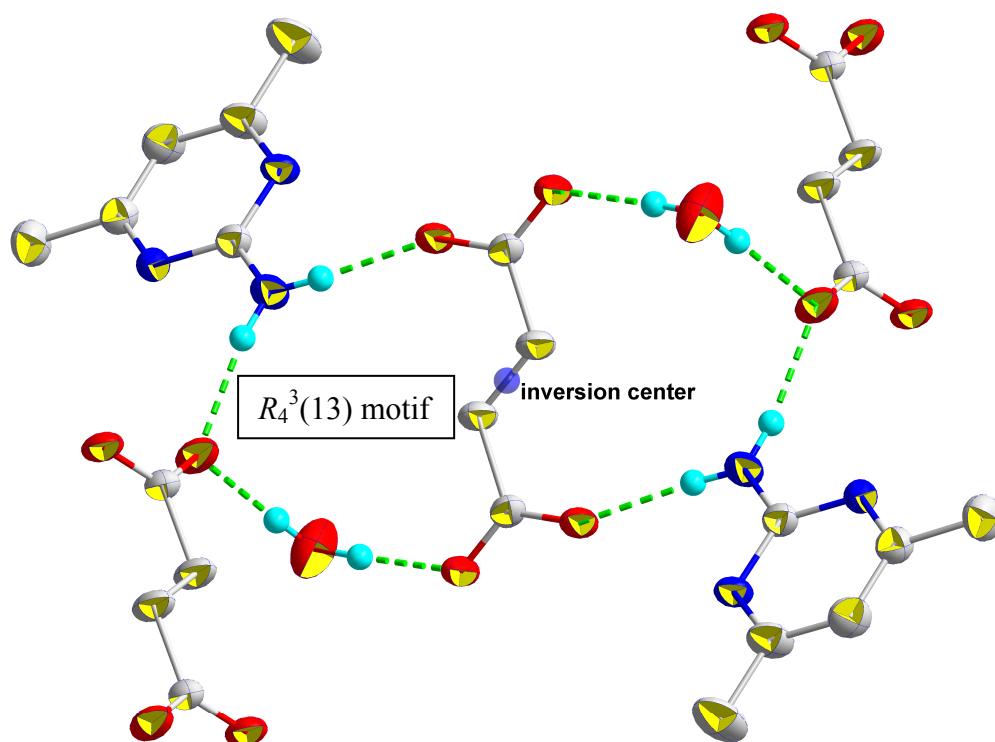
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(1) Scheme S1

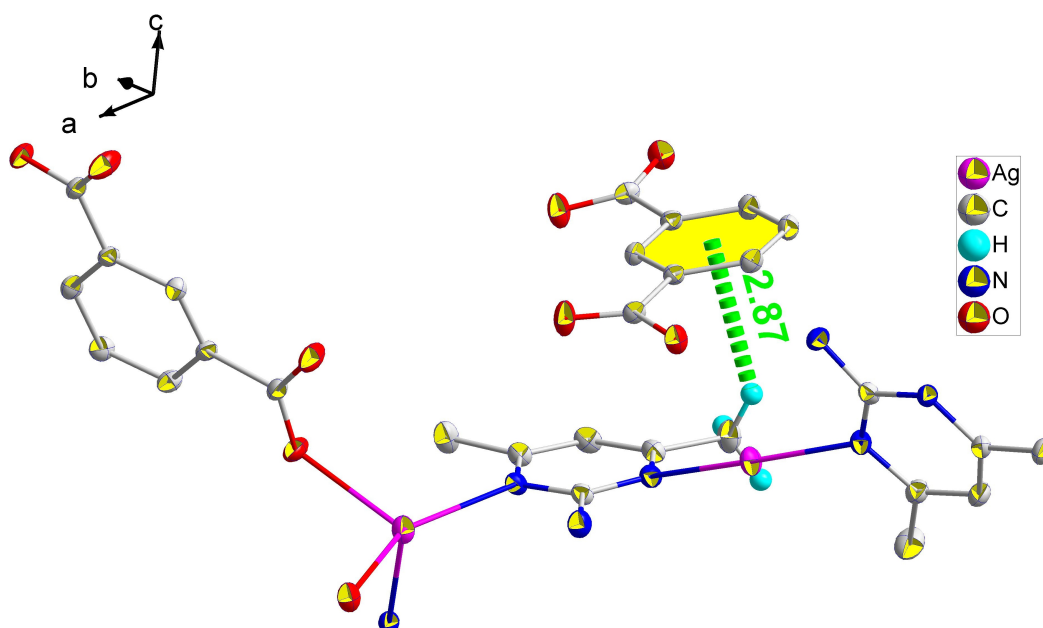


(2) Fig. S1: two symmetry-related edge-sharing heteromeric rings with a graph

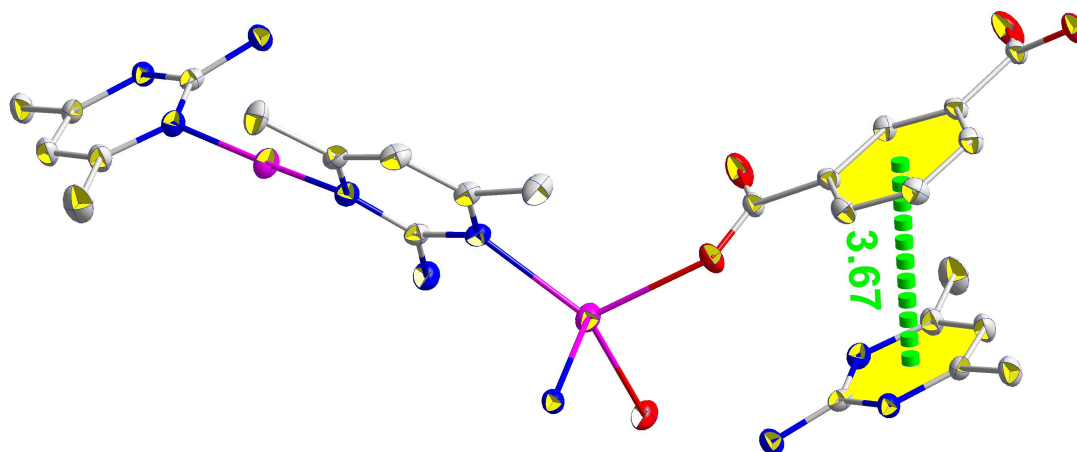
set $R_4^3(13)$ in 1



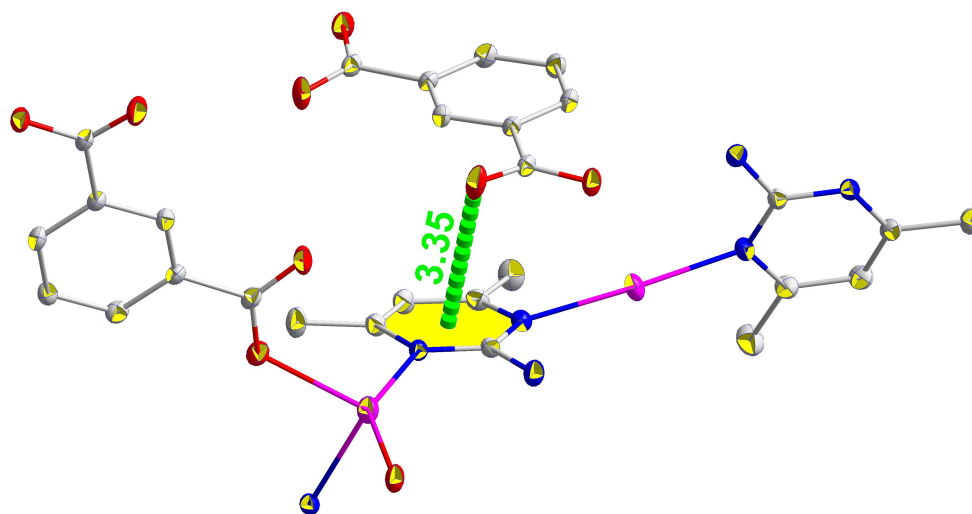
(3) Fig. S2: The C—H... π interaction in **2**



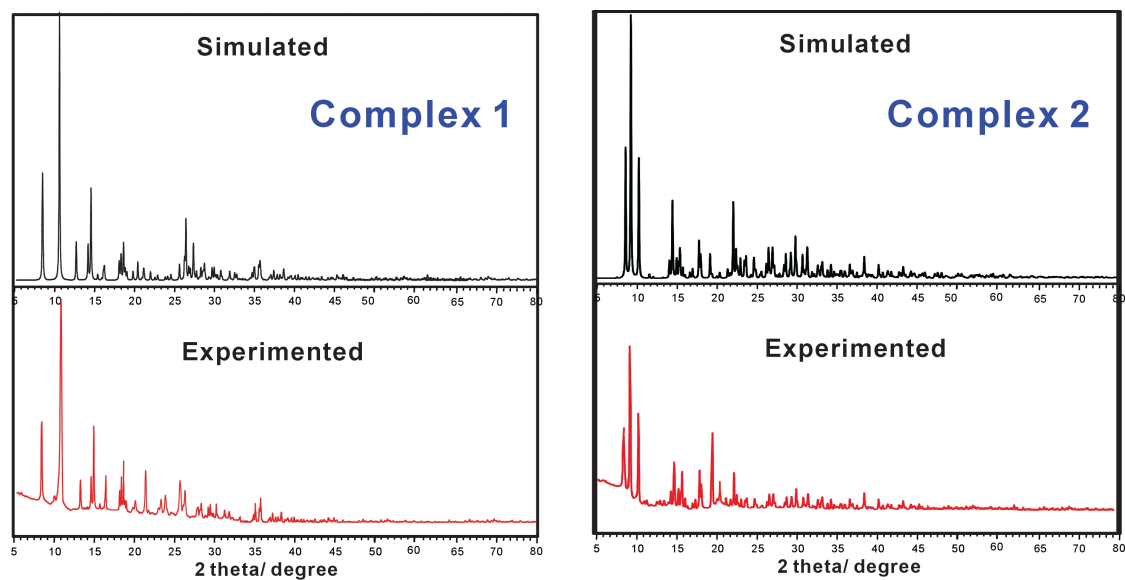
(4) Fig. S3: $\pi\cdots\pi$ interactions in 2



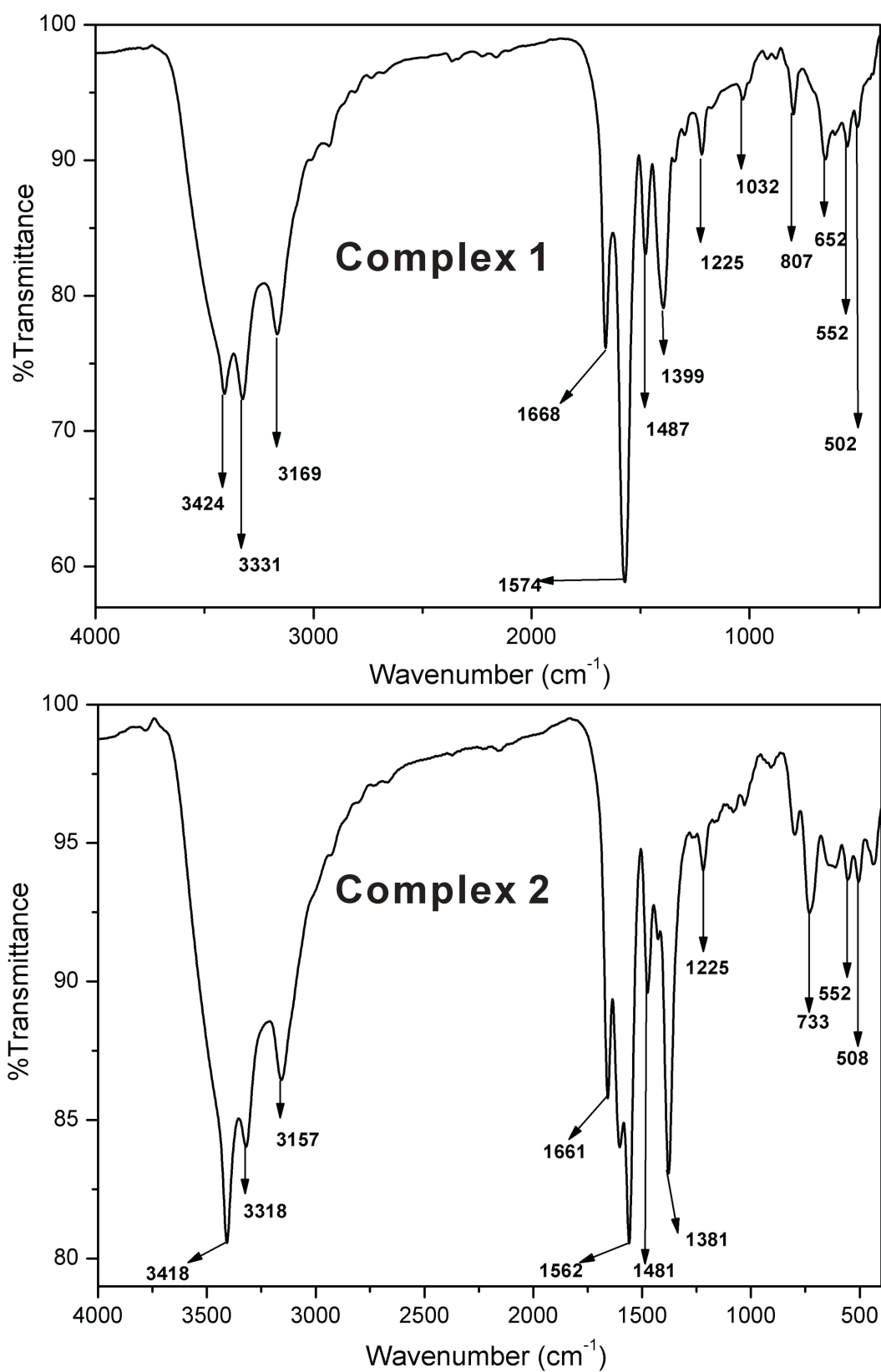
(5) Fig. S4: lone-pair (lp)··· π interaction in 2



(6) Fig. S5: The powder XRD patterns and the simulated one from the single-crystal diffraction data for 1 and 2



(7) Fig. S6:IR of complex 1 and 2



(8) Fig. S7: Molecule packing of 1 and 2

