

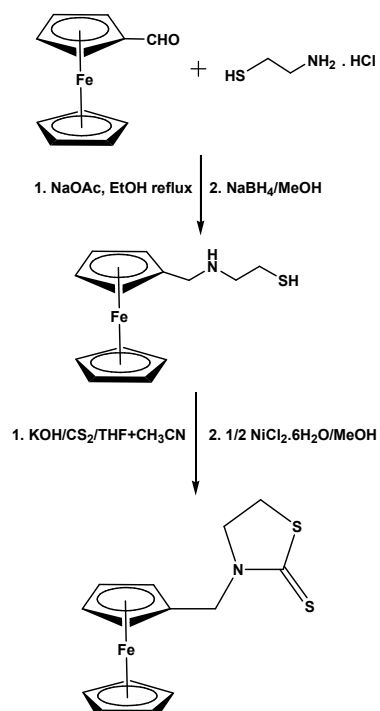
Electronic Supporting information

Ferrocenyl thiazolidine-2-thione ornamented 1D coordination polymers derived from coinage metal halide and pseudohalide

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Electronic Supporting information

Synthesis of thione ligand



Scheme S1 Synthetic route of thione ligand.

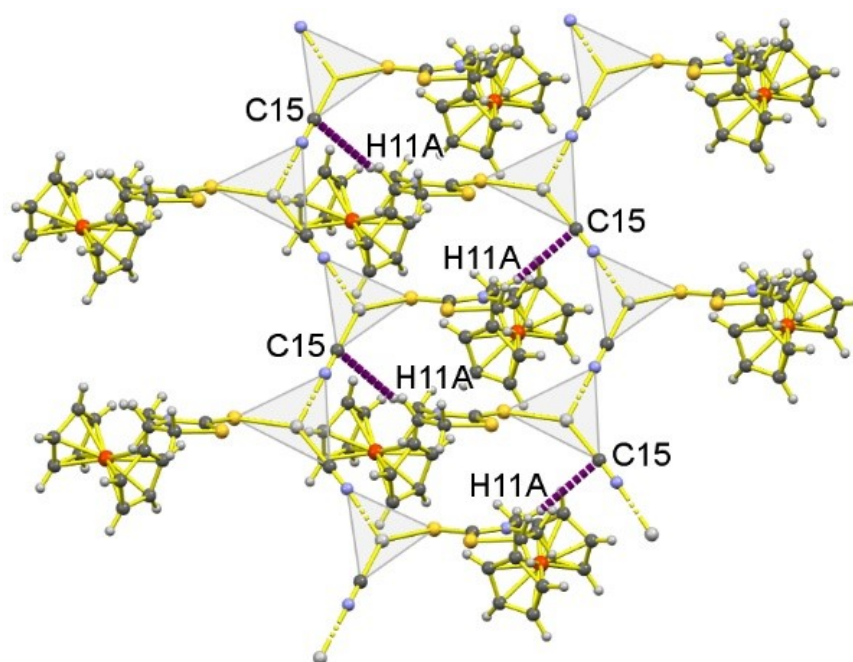


Fig. S1 C-H...C interaction operating in FcAgCN

Electronic Supporting information

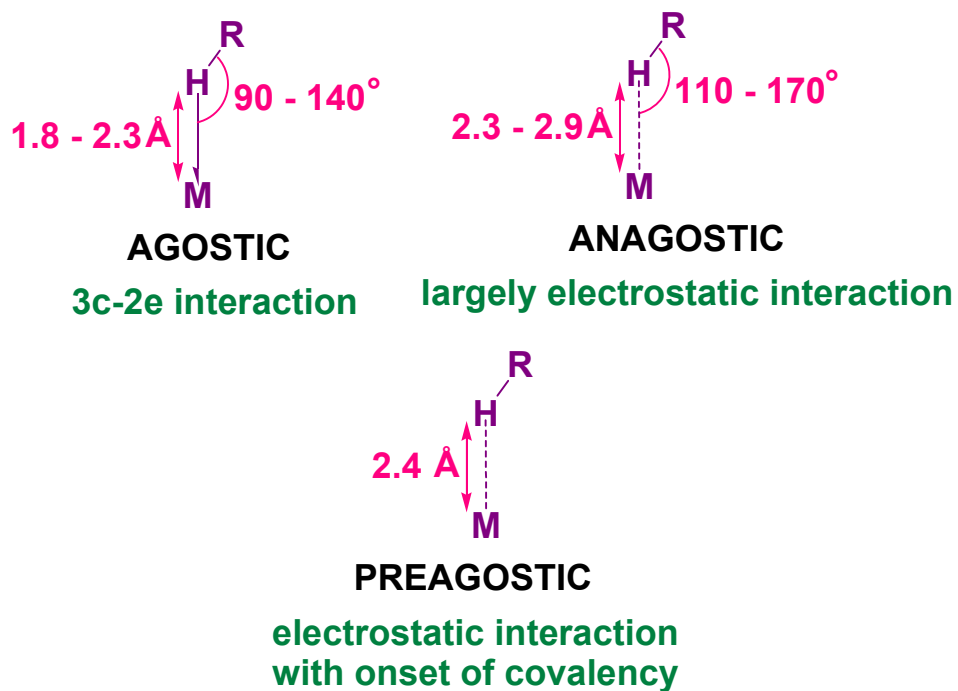


Fig. S2 Structural differences between agostic, anagostic and preagostic interactions.

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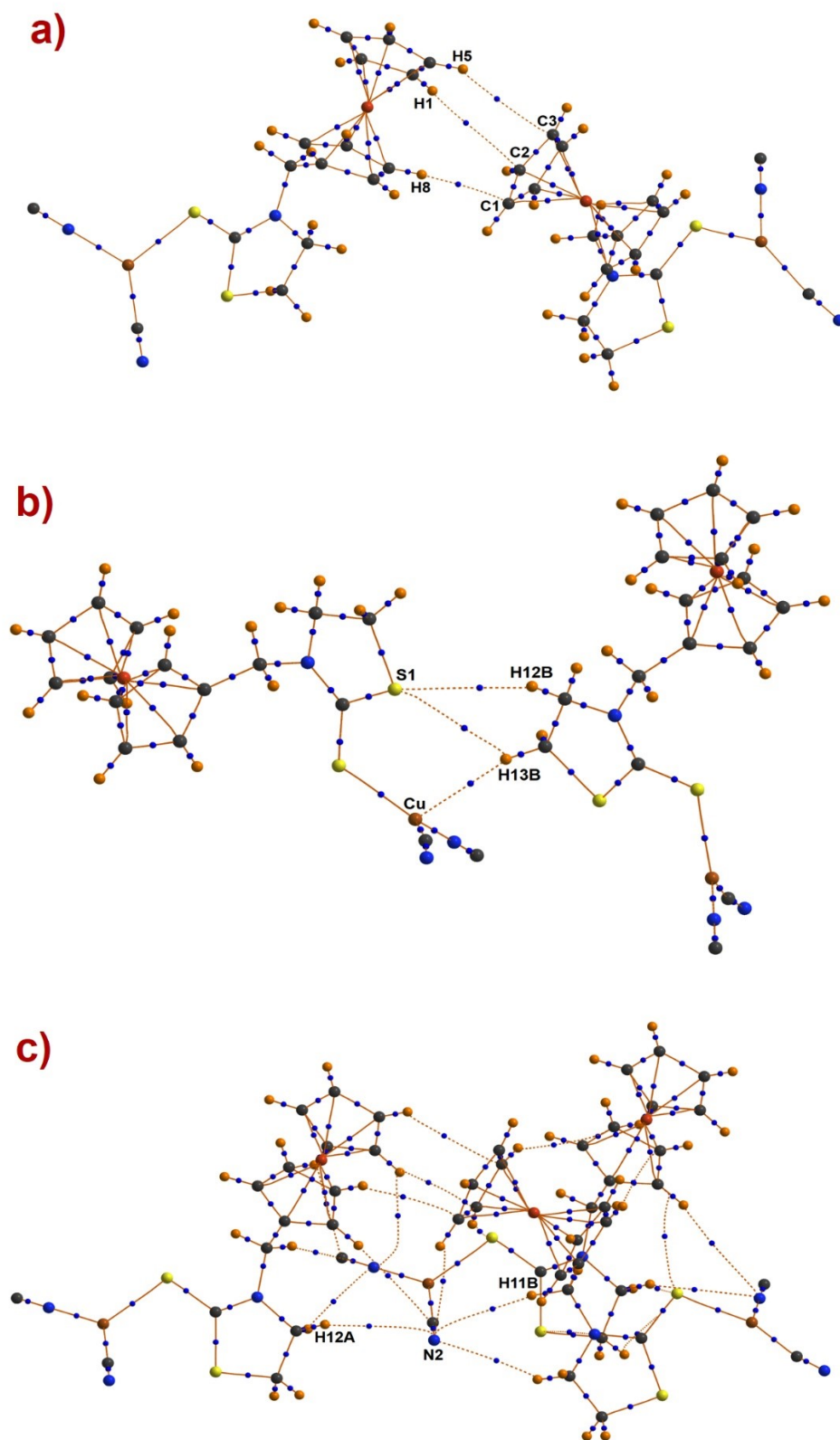


Fig. S3. Molecular graphs of the dimer held by (a) C \cdots H, (b) Cu \cdots H and S \cdots H, (c) N \cdots H interactions in FeCuCN.

Electronic Supporting information

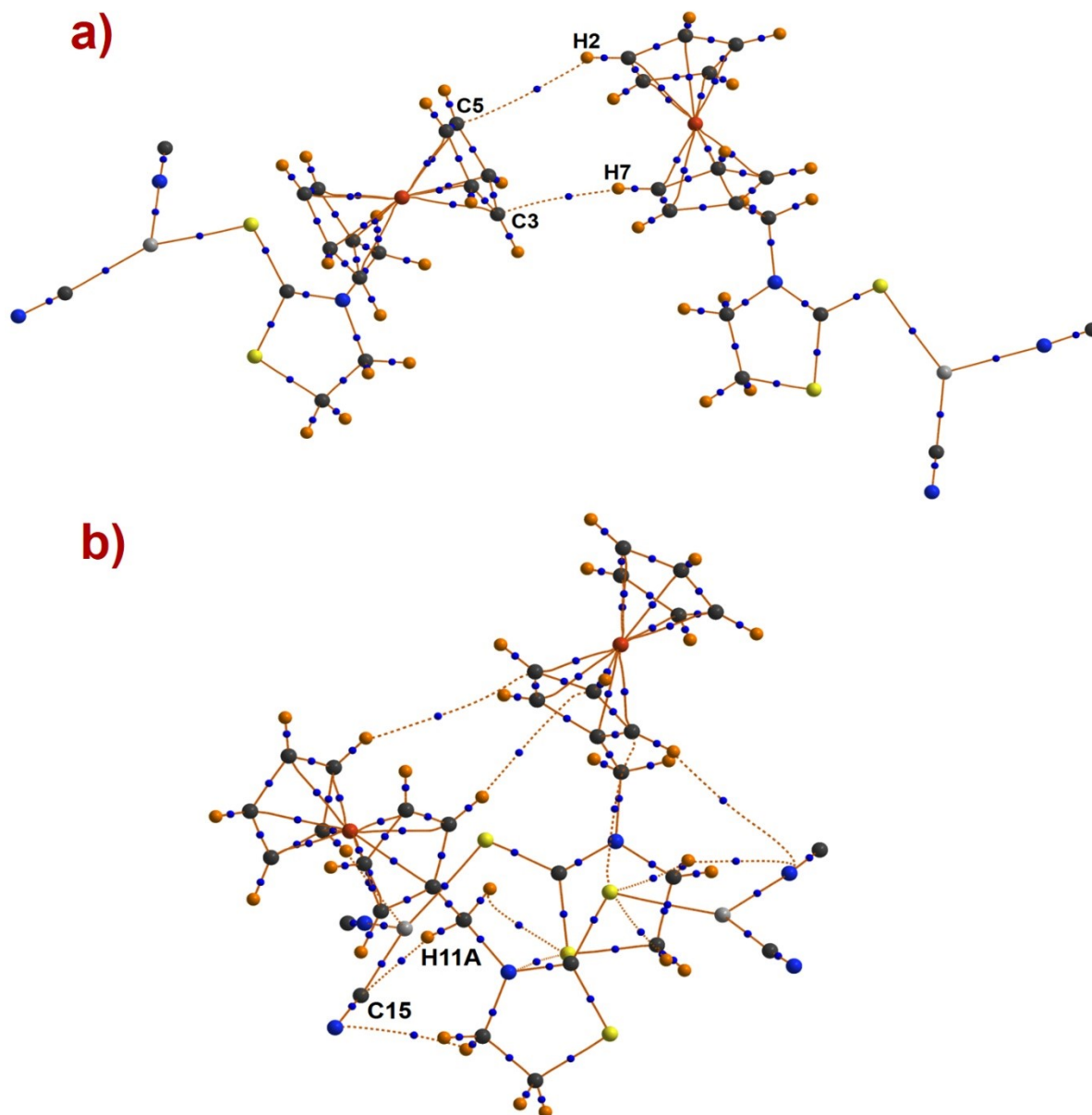


Fig. S4. Molecular graphs of the dimer held by C...H interactions in FcAgCN.

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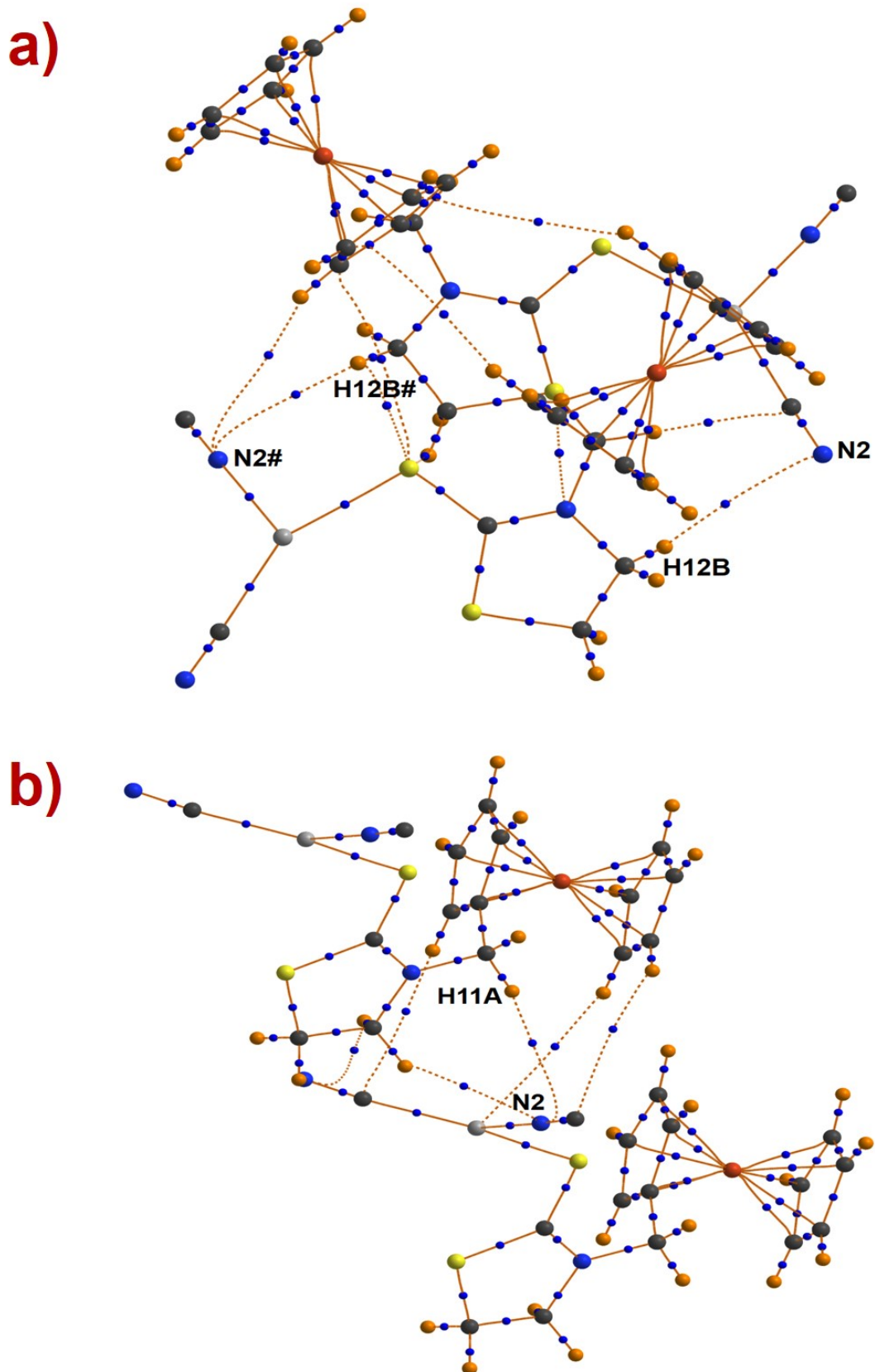


Fig. S5. Molecular graphs of the dimer held by N...H interactions in FcAgCN.

Electronic Supporting information

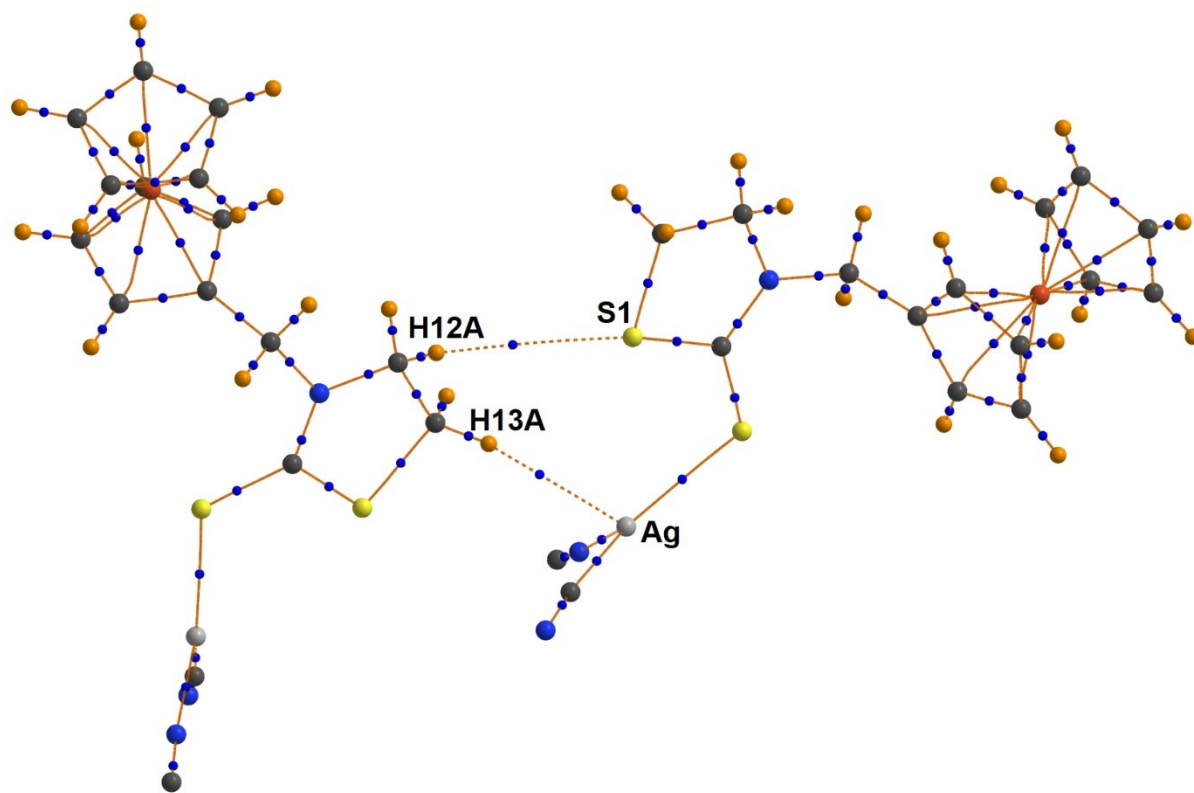


Fig. S6. Molecular graphs of the dimer held by $\text{Ag}\cdots\text{H}$ and $\text{S}\cdots\text{H}$ interactions in FcAgCN .

Electronic Supporting information

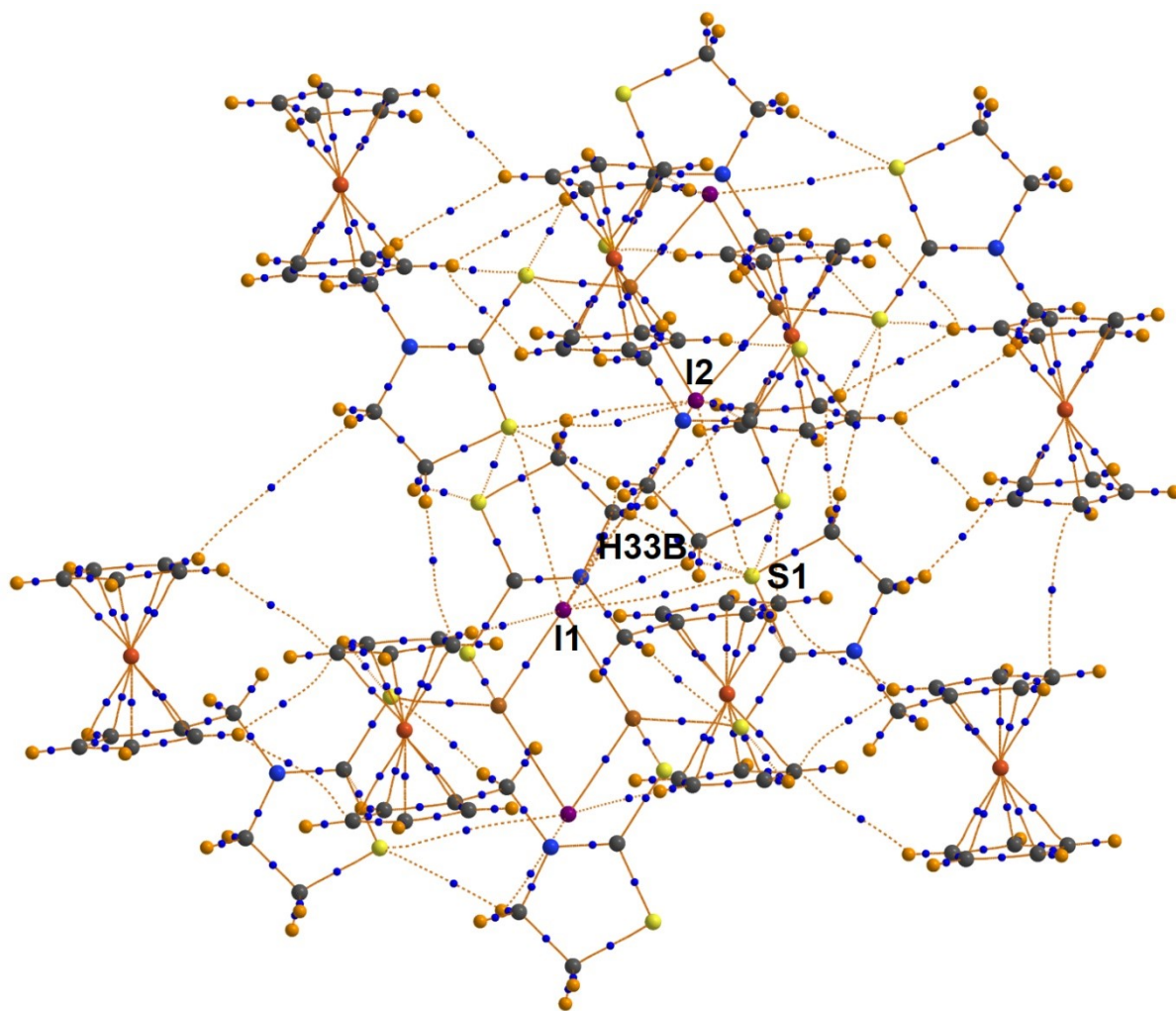


Fig. S7. Molecular graphs of the dimer held by I \cdots S, S \cdots H and I \cdots H interactions in FcCuI.

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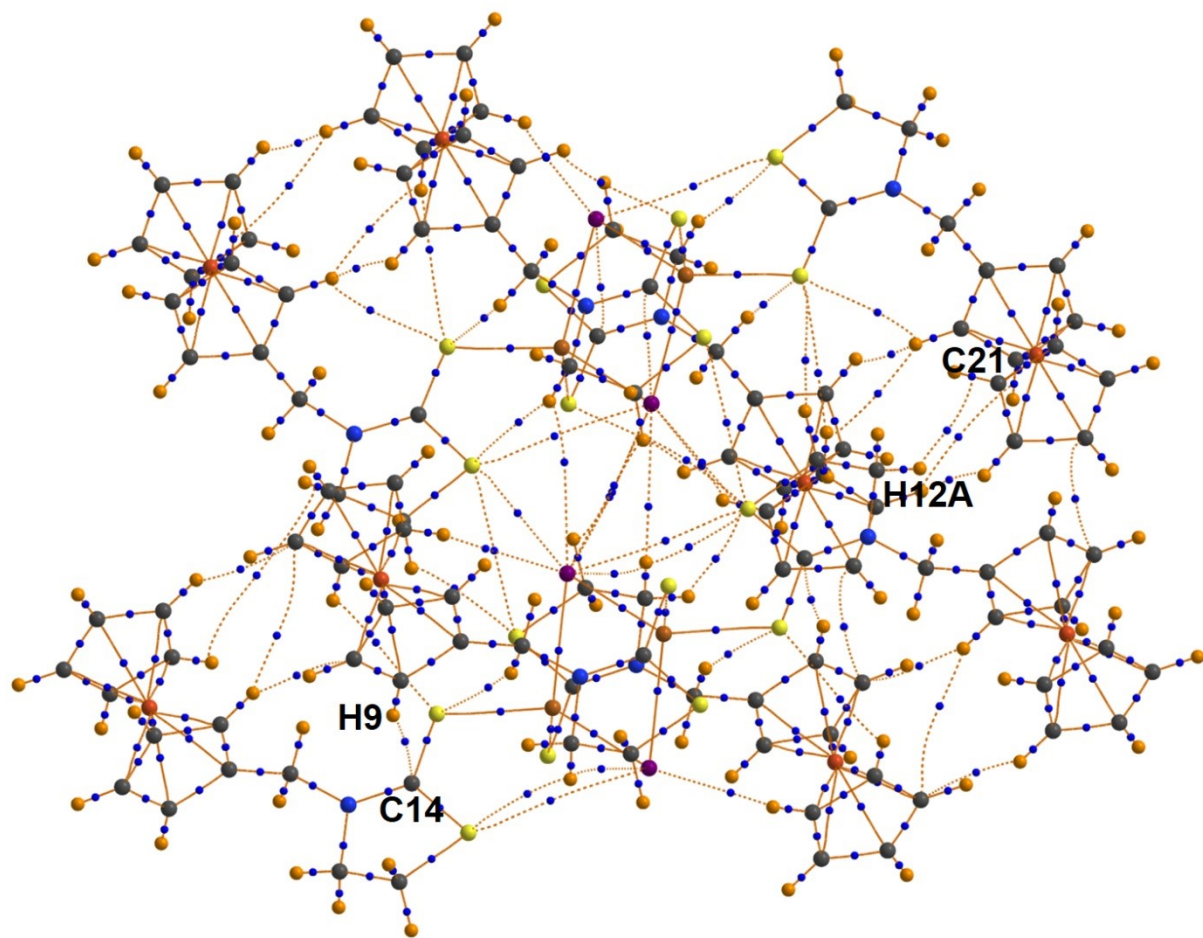


Fig. S8. Molecular graphs of the dimer held by C...H interactions in FcCuI.

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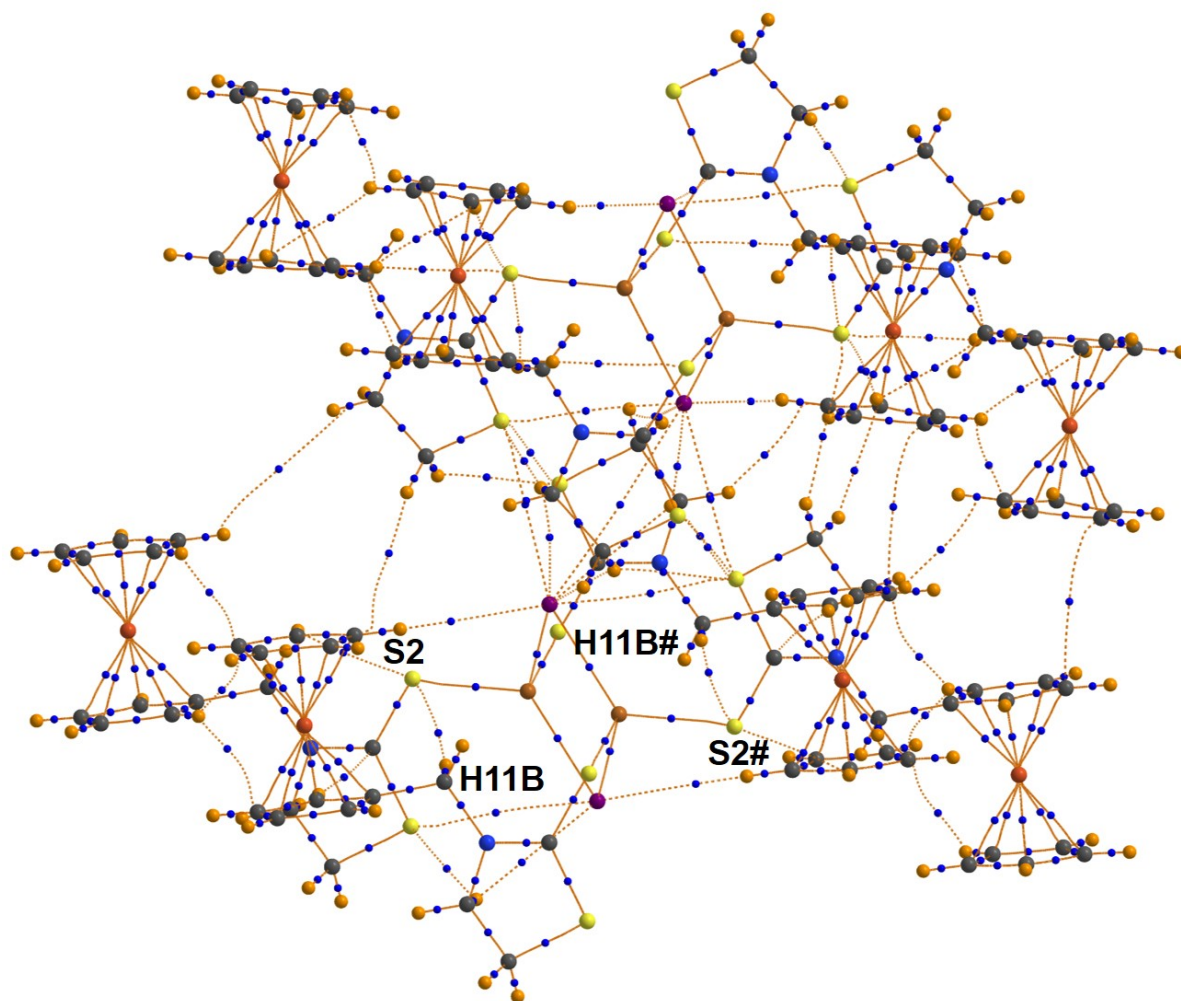


Fig. S9. Molecular graphs of the dimer held by S...H interactions in FeCuI.

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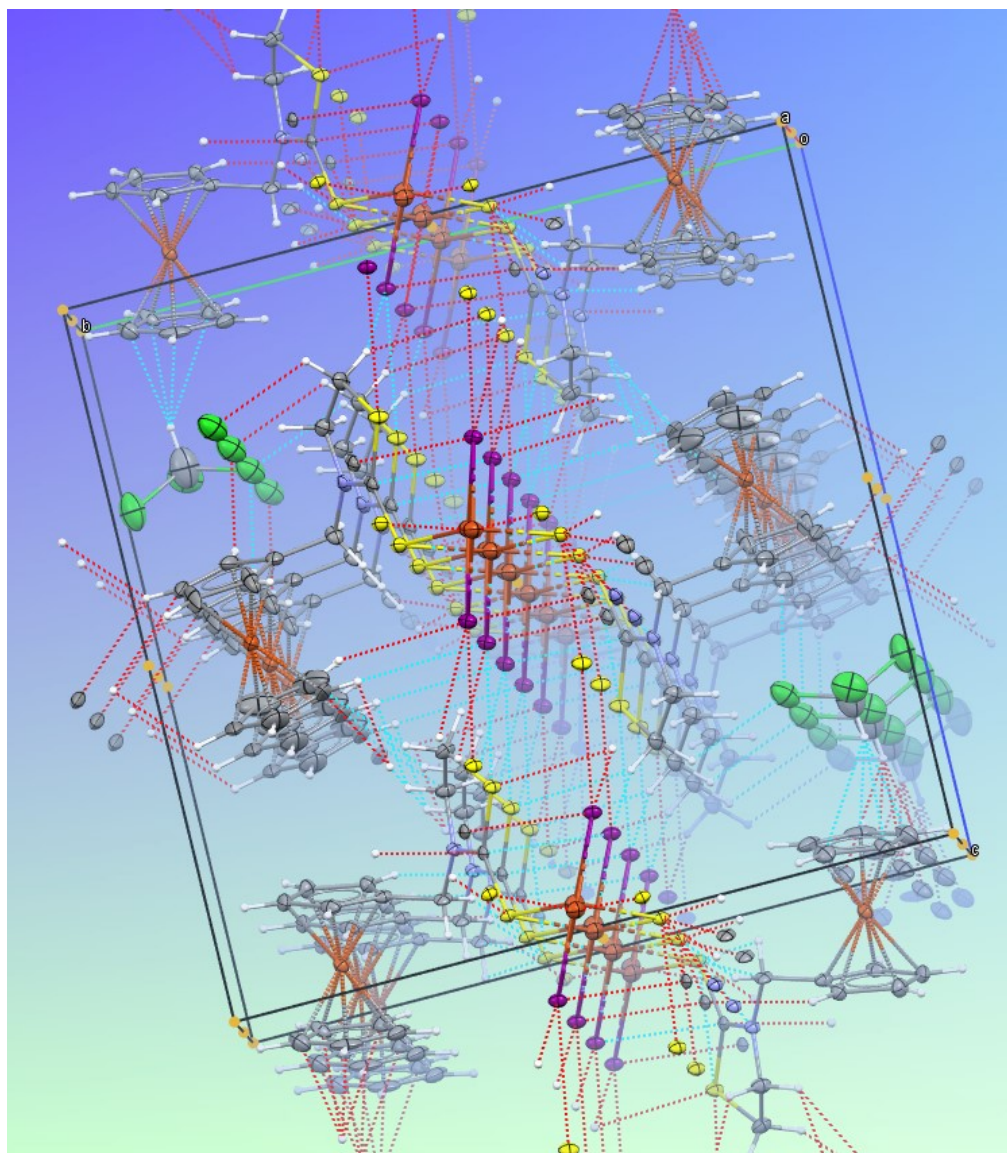


Fig. S10 The positions of co-crystallized solvent molecules in **FcCuI**.

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