

**Charge transfer complexes and radical cation salts of chiral methylated
organosulfur donors**

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SUPPORTING INFORMATION

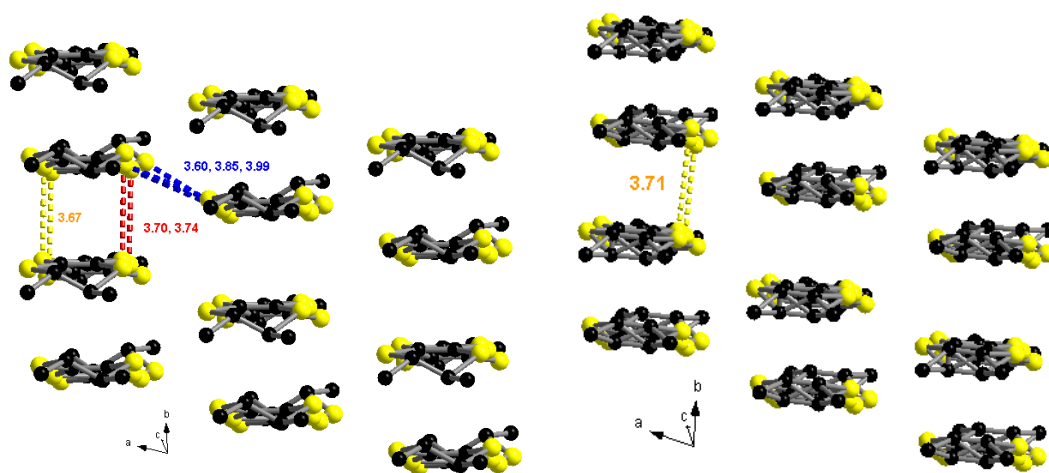


Fig. S1 Packing diagram of $[(S)-5]_2AsF_6$ (left) and $[(rac)-5]_2AsF_6$ (right) with an emphasis on the S...S short contacts. AsF_6 anions and protons have been omitted.

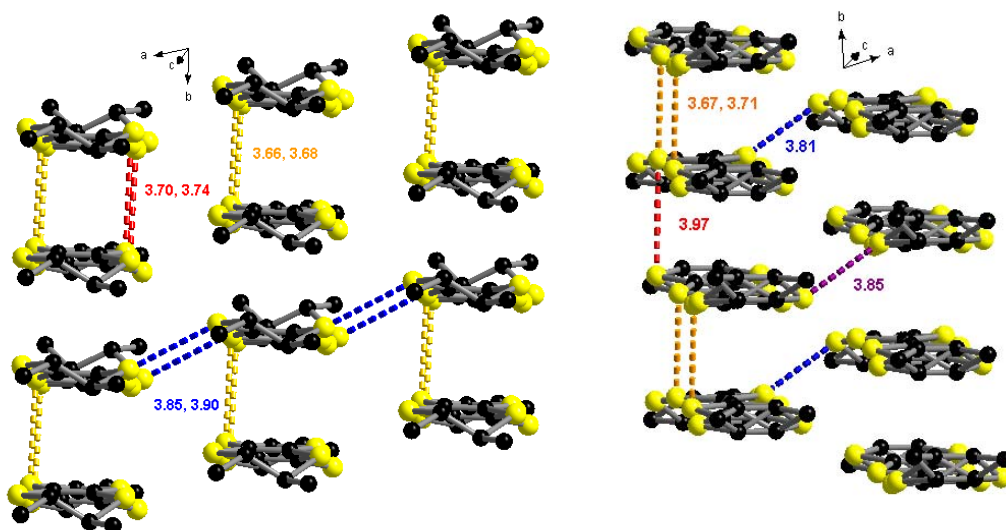


Fig. S2 Packing diagram of $[(S)-5]_2SbF_6$ (left) and $[(rac)-5]_2SbF_6$ (right) with an emphasis on the S...S short contacts. SbF_6 anions and protons have been omitted.

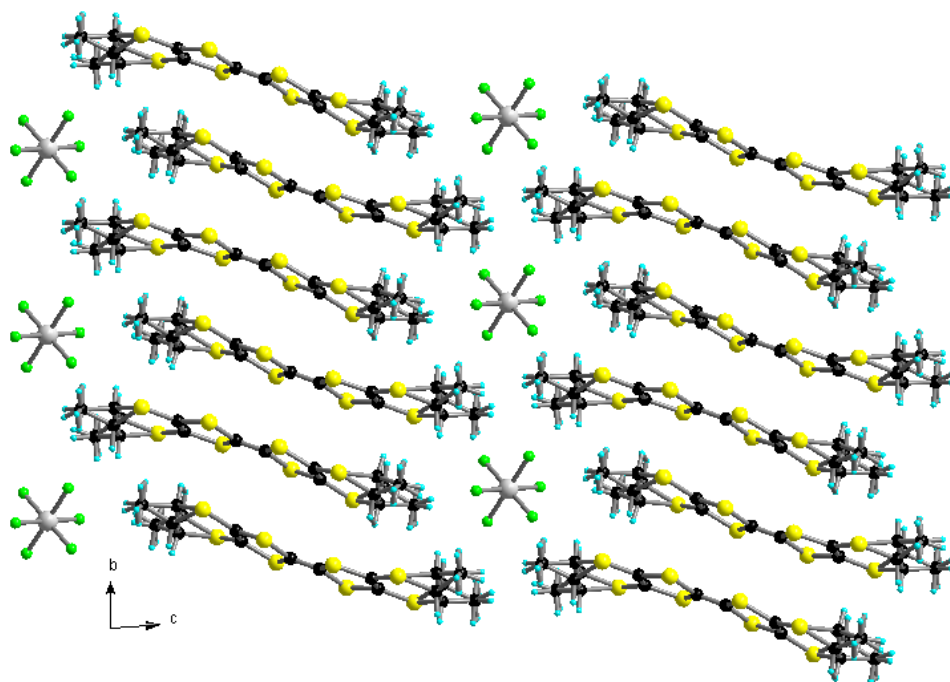


Fig. S3 Packing diagram of $[(rac)\text{-}5]_2\text{SbF}_6$ in the bc plane.

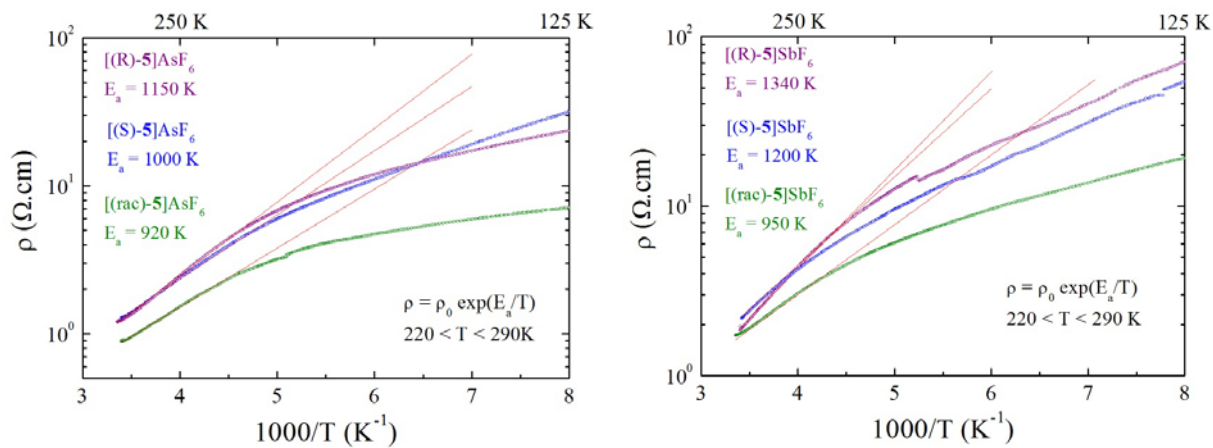


Fig. S4 Temperature dependence of the electrical resistivity, plotted as ρ versus the inverse temperature, for single crystals of $[\mathbf{5}]_2\text{AsF}_6$ (left) and $[\mathbf{5}]_2\text{SbF}_6$ (right).