Electronic Supplementary Material (ESI) for Dalton Transactions.

Gold dithiolene complexes: easy access to 2-alkylthio-thiazoledithiolate complexes

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Supplementary material

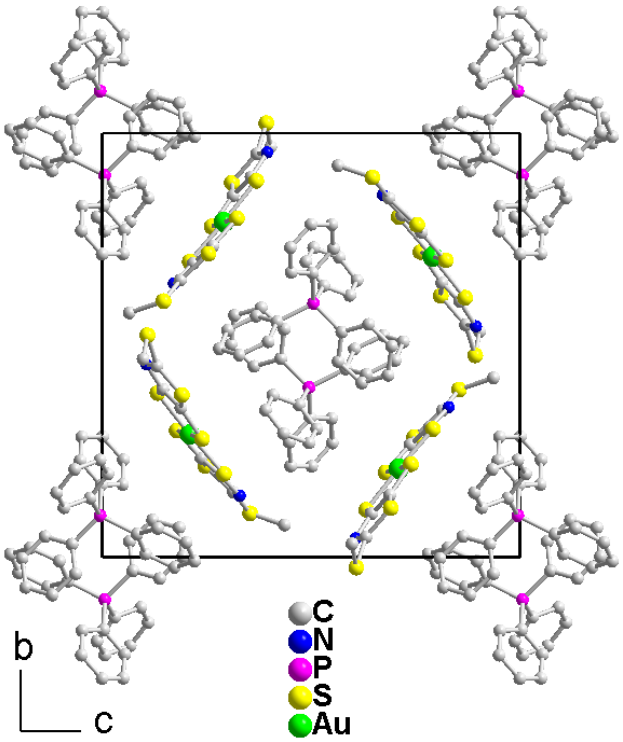

Figure S1. Projection view along *a* of the unit cell of $[Ph_4P][Au(MeS\text{-}tzdt)_2]$ (**4a**)

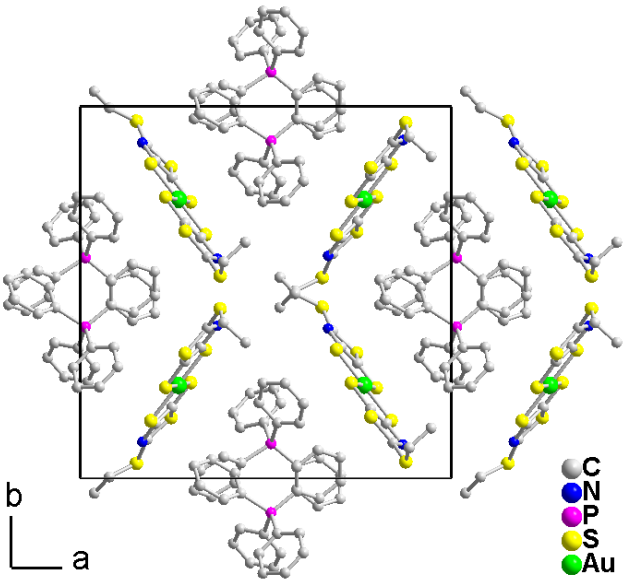

Figure S2. Projection view along *c* of the unit cell of $[Ph_4P][Au(EtS\text{-}tzdt)_2]$ (**4b**)

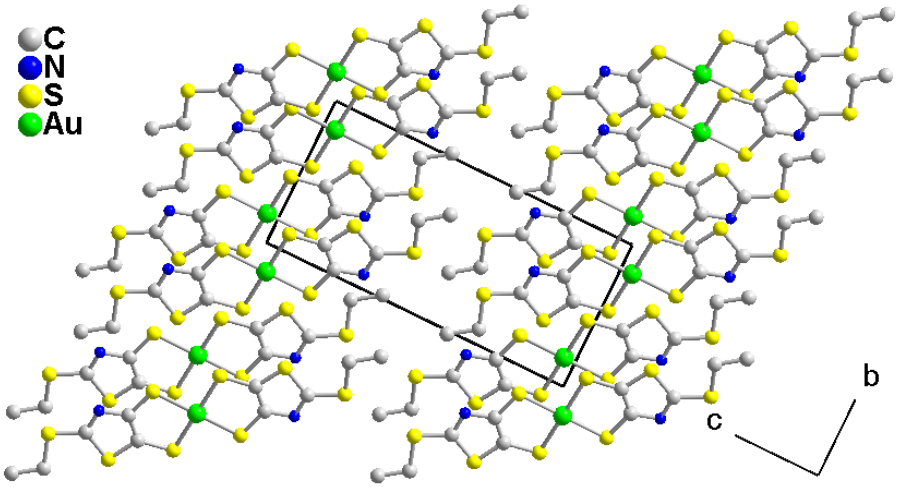

Figure S3. Projection view along *a* of the unit cell of $[Au(EtS\text{-}tzdt)_2]$ (**5b**)

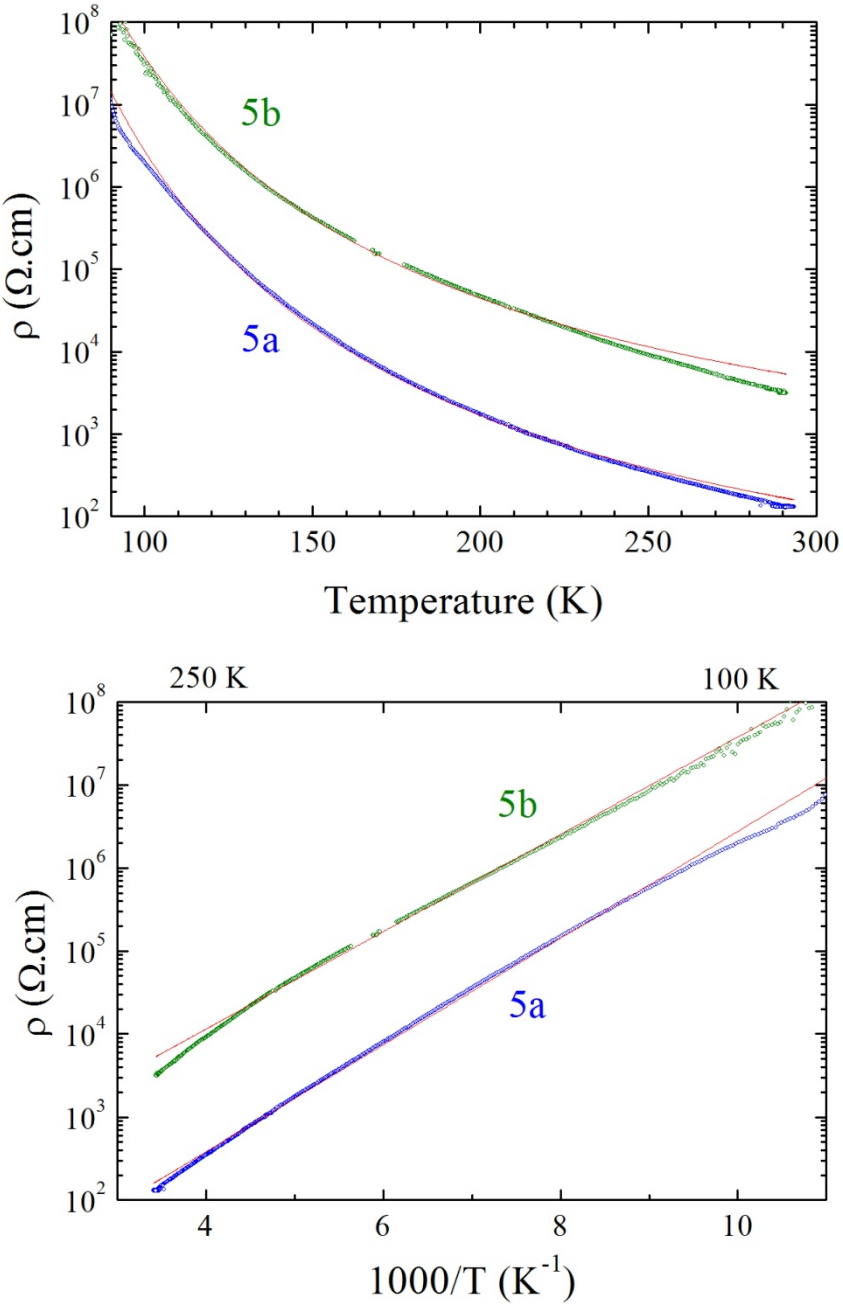

Figure S4. Temperature dependence of the resistivity for [Au(MeS-thiazdt)$_2$] (**5a**) and [Au(EtS-thiazdt)$_2$] (**5b**) plotted as ρ versus temperature (top) and plotted as ρ versus the inverse temperature (bottom). The red lines are the fit of the data to the law $\rho = \rho_0 \exp(-E_a/T)$, giving the activation energies E_a in the temperature range $100 < T < 250$ K.