

1,4-Bis(2'-pyridylethynyl)benzene as Ligand in Heteronuclear Gold-Thallium Complexes. Influence of the Ancillary Ligands in their Optical Properties§

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ELECTRONIC SUPPLEMENTARY INFORMATION

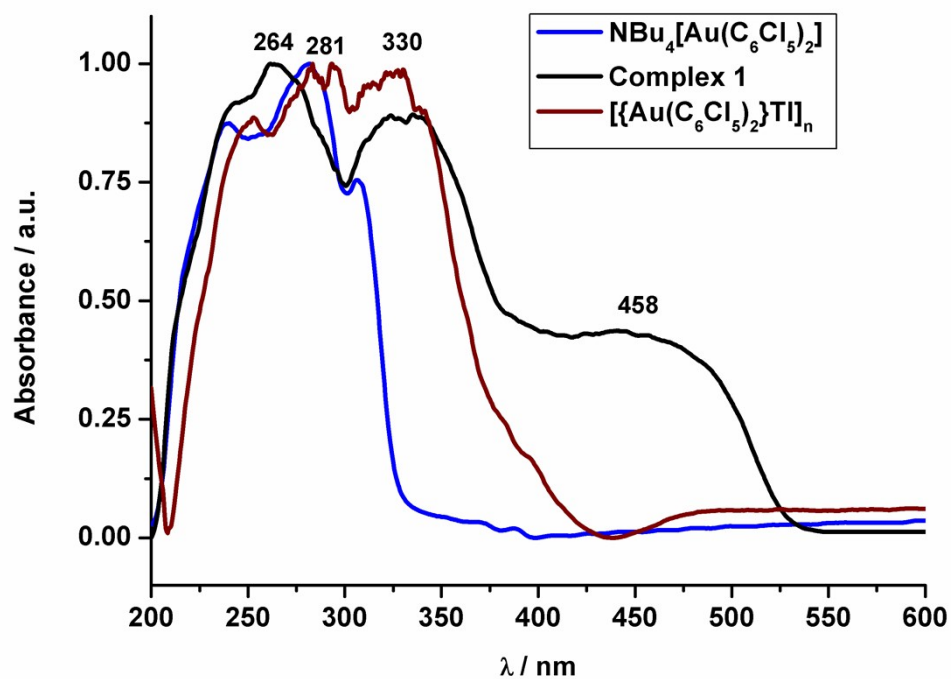


Figure S1. Experimental UV-Vis spectra in solid state for complex 1 and the molecular precursors $\text{NBu}_4[\text{Au}(\text{C}_6\text{Cl}_5)_2]$ and $[\{\text{Au}(\text{C}_6\text{Cl}_5)_2\}\text{TI}]_n$.

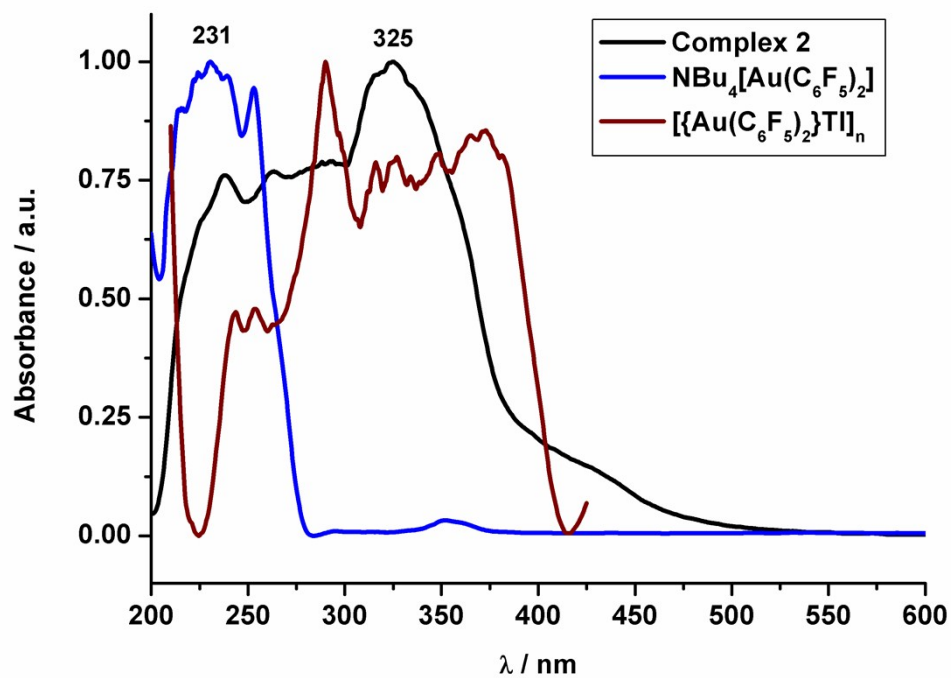


Figure S2. Experimental UV-Vis spectra in solid state for complex 2 and the molecular precursors $\text{NBu}_4[\text{Au}(\text{C}_6\text{F}_5)_2]$ and $[\{\text{Au}(\text{C}_6\text{F}_5)_2\}\text{TI}]_n$.

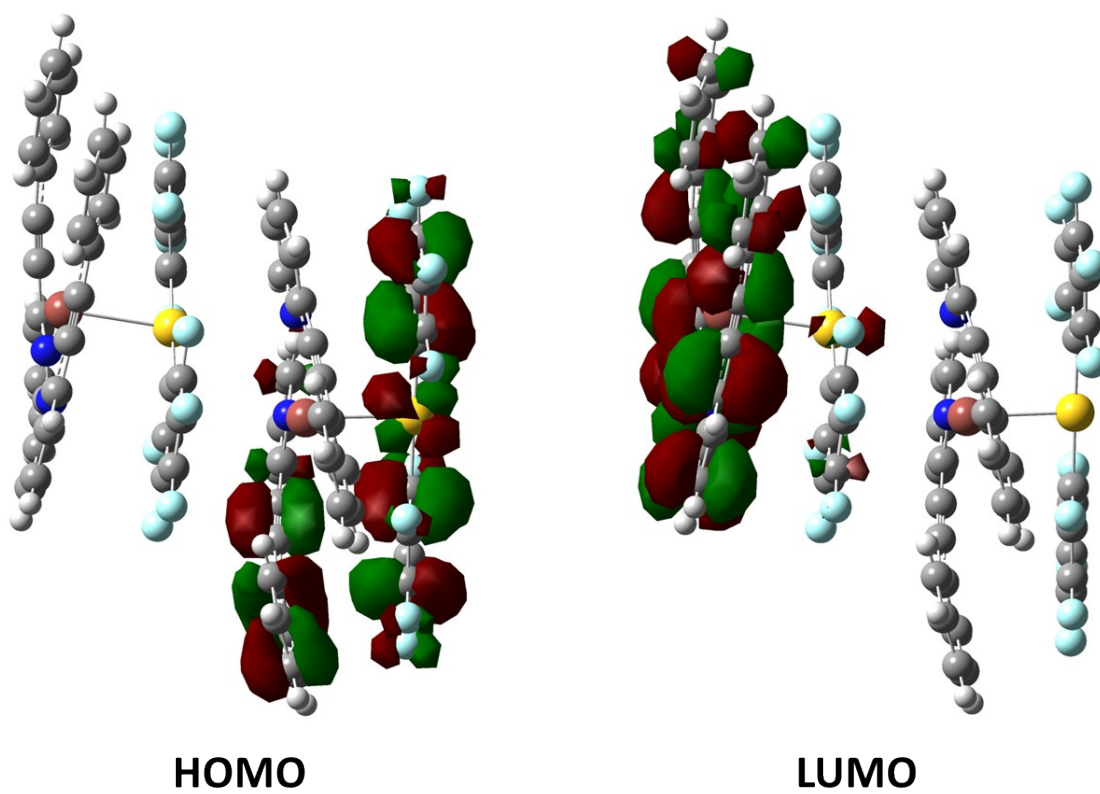


Figure S3. Frontier molecular orbitals for model system 2a.