

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

Massimiliano Arca,^a Rocío Donamaría,^b M. Concepción Gimeno^c Vito Lippolis,^a José M. López-de-Luzuriaga,^{*b} Elena Manso,^b Miguel Monge,^b M. Elena Olmos^{*b}

ELECTRONIC SUPPLEMENTARY INFORMATION

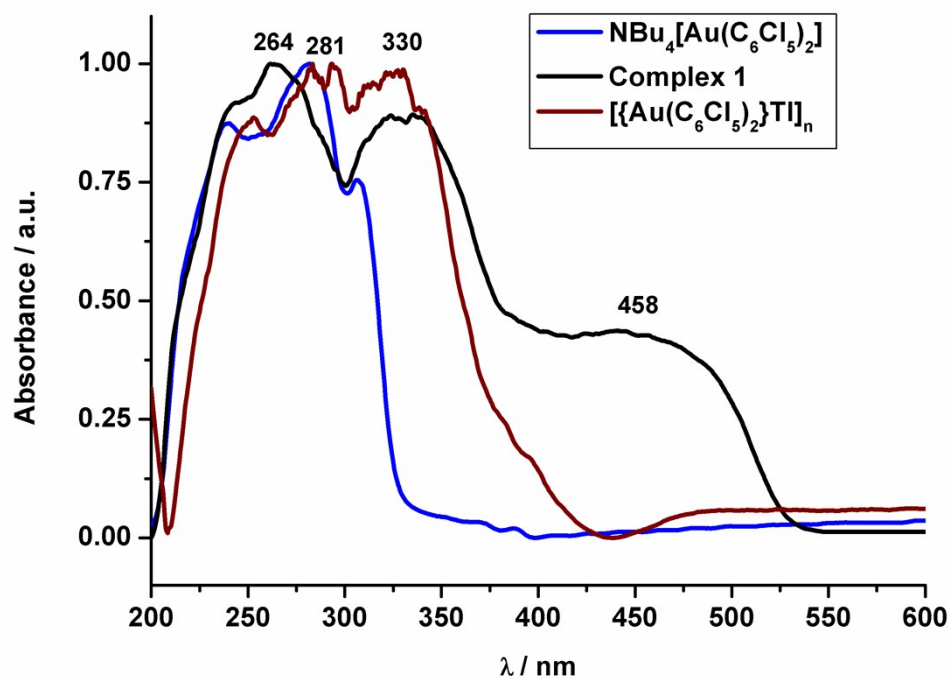


Figure S1. Experimental UV-Vis spectra in solid state for complex 1 and the molecular precursors $\text{NBu}_4[\text{Au}(\text{C}_6\text{Cl}_5)]$ and $[\{\text{Au}(\text{C}_6\text{Cl}_5)_2\}\text{TI}]_n$.

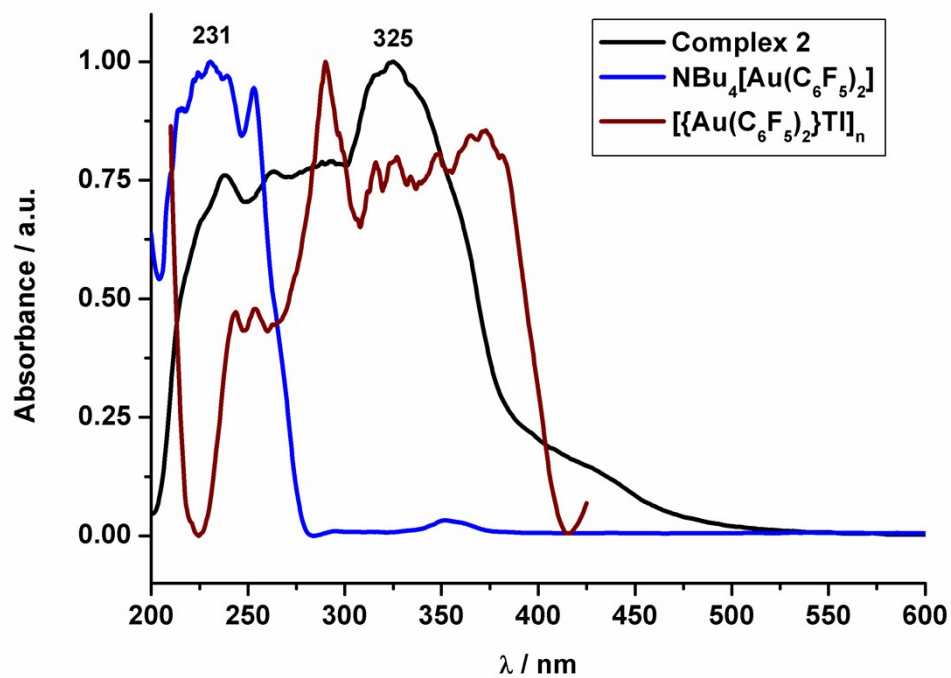


Figure S2. Experimental UV-Vis spectra in solid state for complex 2 and the molecular precursors $\text{NBu}_4[\text{Au}(\text{C}_6\text{F}_5)]$ and $[\{\text{Au}(\text{C}_6\text{F}_5)_2\}\text{TI}]_n$.

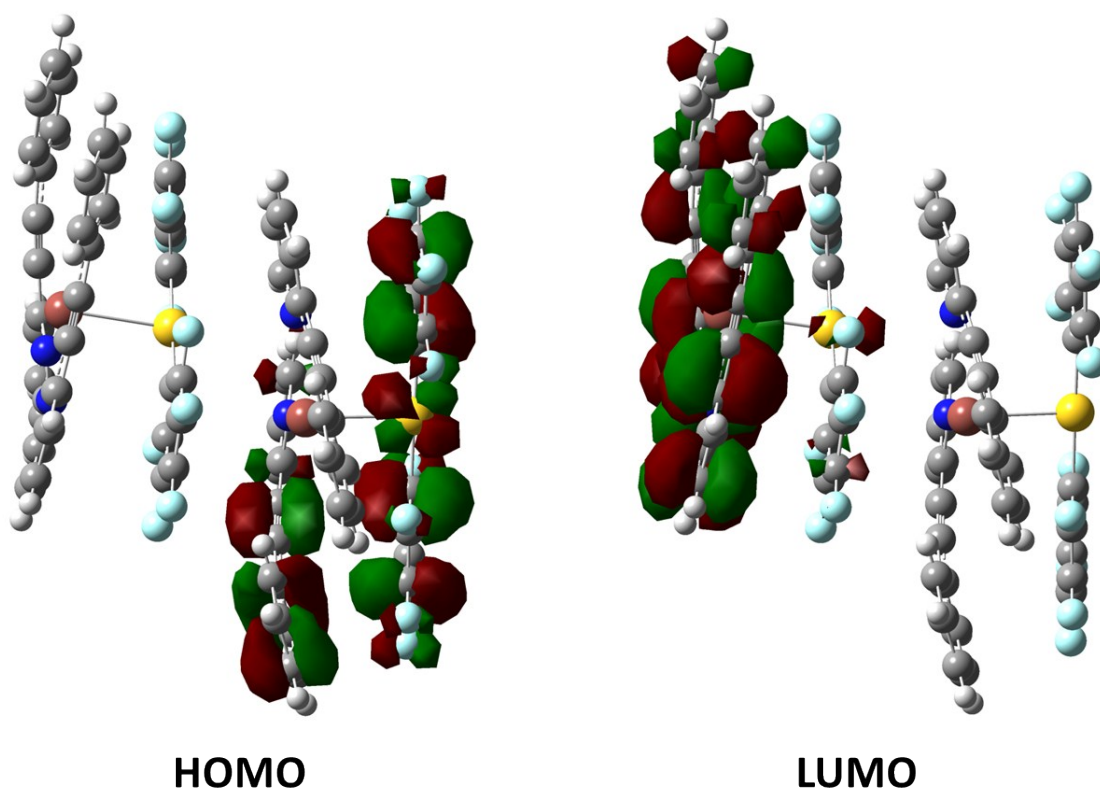


Figure S3. Frontier molecular orbitals for model system 2a.