

Interactions of Selected Gold(III) Complexes with DNA G Quadruplexes

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Figure S1

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Variation of the DNA melting temperature (ΔT_m) induced by increasing concentrations of Au(bipyc) and Au₂bipyc. The concentrations refer to monomeric complex units.

Figure S2

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Comparison of the relative variation the 260 nm CD signal recorded in 10 mM Tris, 50 mM KCl, pH 7.5, 25 °C, for Tel22 upon addition of fresh solution of Au(bipyc) or Au₂(bipyc) or of a solution of Au₂(bipyc) that was previously heated at 50 °C for 1 h. For this data set, results are reported as a function of added Au₂(bipyc) or as concentration of released Au(bipyc) monomeric units

Figure S3

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Variation of the UV absorption spectrum of Au(oxo6) upon addition of Tel22 in 10 mM Tris, 50 mM KCl, pH 7.5, 25 °C. Arrow indicates the direction of spectral variation upon increase of DNA concentration. In the insert, the relative variation of the absorbance readings at 323 nm is plotted vs the molar ratio of Tel22:Au(oxo6).

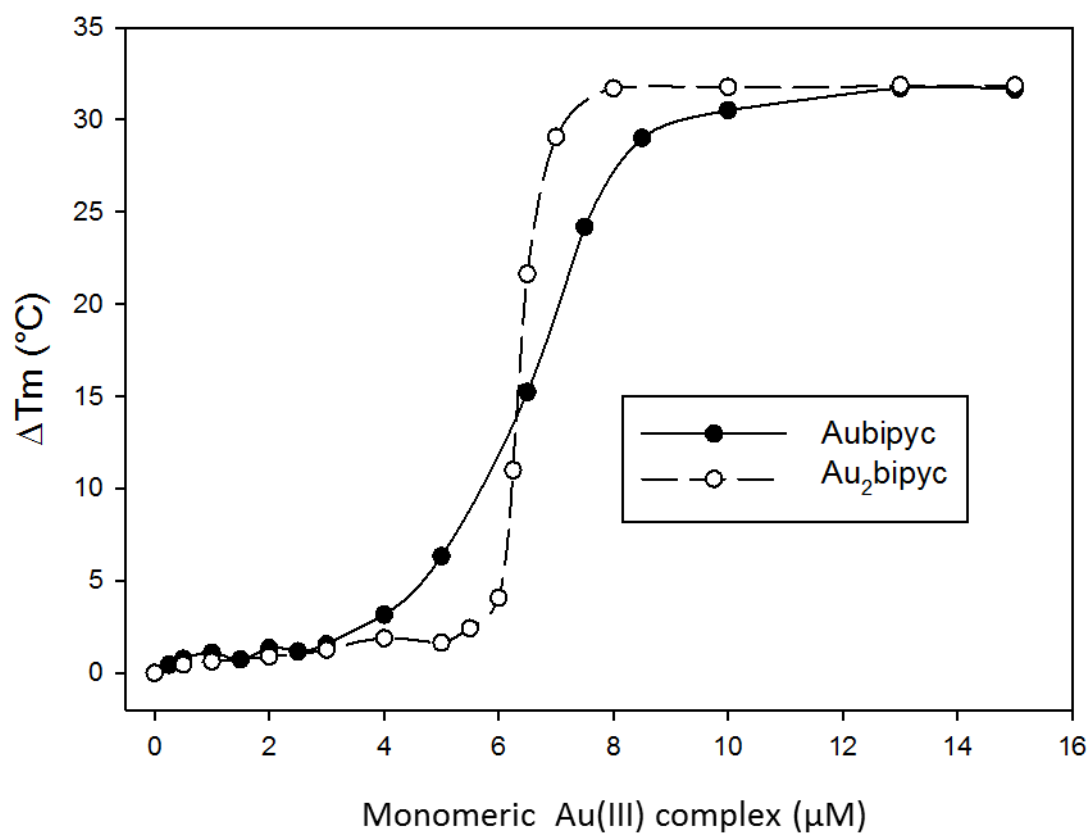


Figure S1 – Variation of the DNA melting temperature (ΔT_m) induced by increasing concentrations of Aubipyc and Au_2bipyc . The concentrations refer to monomeric complex units.

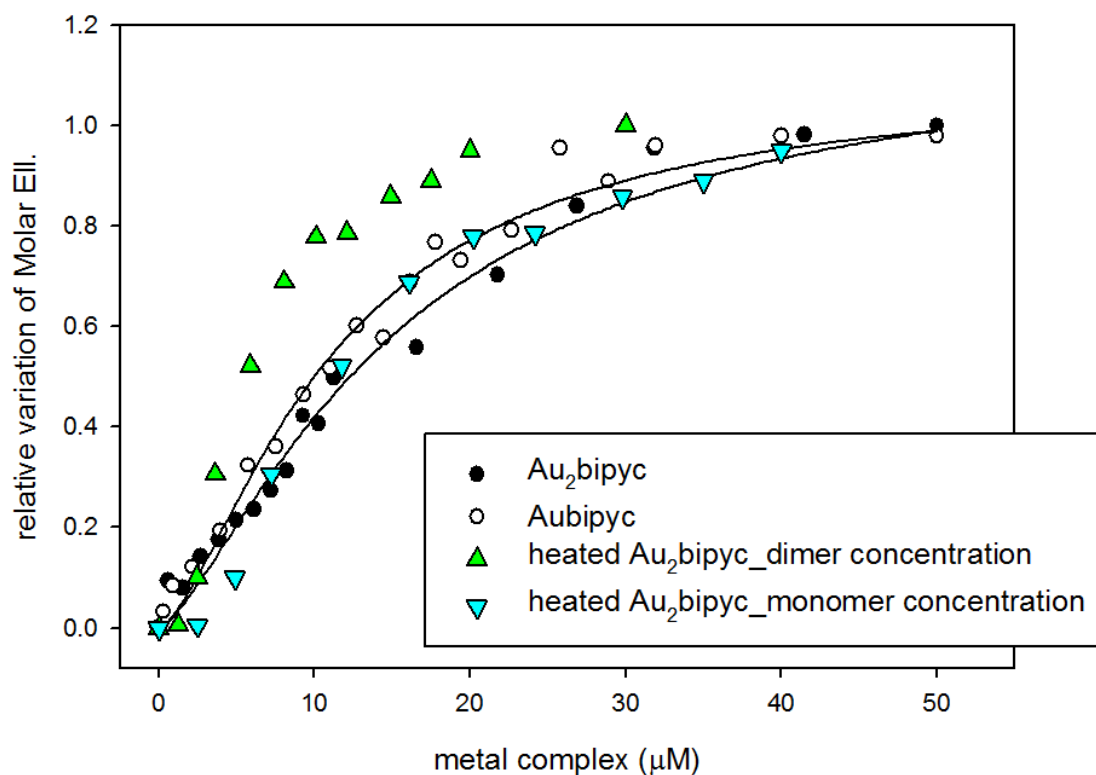


Fig. S2 Comparison of the relative variation the 260 nm CD signal recorded in 10 mM Tris, 50 mM KCl, pH 7.5, 25 °C, for Tel22 upon addition of fresh solution of $\text{Au}(\text{bipyc})$ or $\text{Au}_2(\text{bipyc})$ or of a solution of $\text{Au}_2(\text{bipyc})$ that was previously heated at 50 °C for 1 h. For this data set, results are reported as a function of added $\text{Au}_2(\text{bipyc})$ or as concentration of released $\text{Au}(\text{bipyc})$ monomeric units.

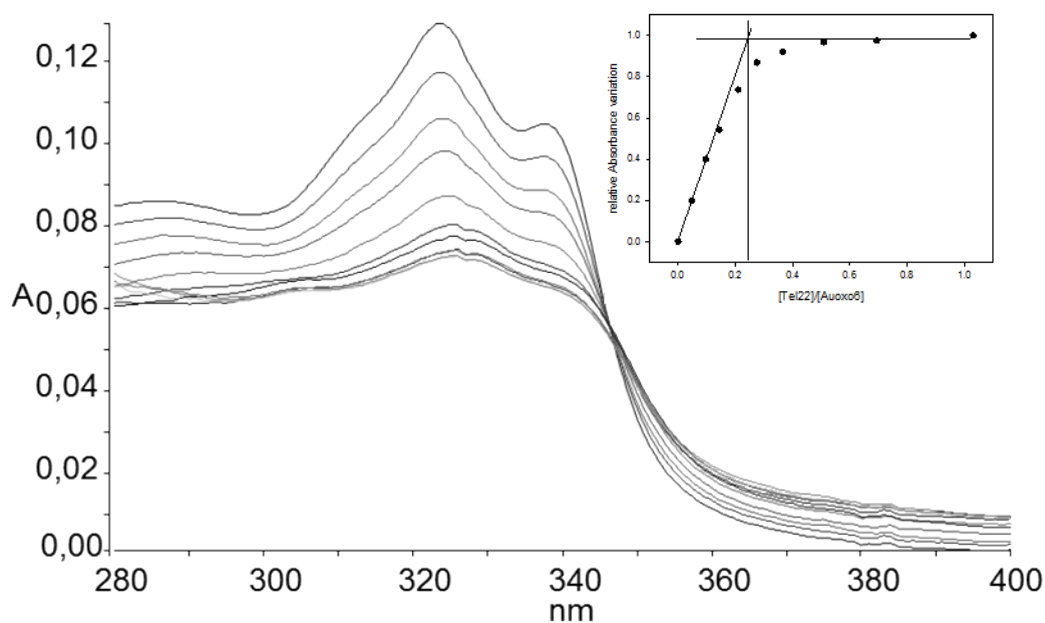


Figure S3 Variation of the UV absorption spectrum of Au(oxo6) upon addition of Tel22 in 10 mM Tris, 50 mM KCl, pH 7.5, 25 °C. Arrow indicates the direction of spectral variation upon increase of DNA concentration. In the insert, the relative variation of the absorbance readings at 323 nm is plotted vs the molar ratio of Tel22:Au(oxo6).