

Supplementary Materials

A CD study of a structure-based selection of N-heterocyclic bis-carbene gold(I) complexes as potential ligands of the G-quadruplex forming human telomeric hTel23 sequence

Maria Marzano ¹, Filippo Prencipe ², Pietro Delre ^{3,4}, Giuseppe Felice Mangiatordi ³, Gabriele Travagliente ⁵, Luisa Ronga ⁶, Gennaro Piccialli ⁴, Michele Saviano ^{7,8}, Stefano D'Errico ^{4,*}, Diego Tesauro ^{4,8,*}, Giorgia Oliviero ⁹

¹ CESTEV, University of Napoli Federico II, via Tommaso De Amicis 95, 80145 Napoli, Italy; maria.marzano@unina.it

² Department of Chemical and Pharmaceutical Sciences, University of Trieste, Via Licio Giorgieri 1, 34127 Trieste, Italy; filippo.prencipe@units.it

³ Institute of Crystallography (IC), CNR, Via Amendola 122/O, 70126 Bari, Italy; pietro.delre@unina.it (P.D.); giuseppefelice.mangiatordi@cnr.it (G.F.M)

⁴ Department of Pharmacy, University of Naples Federico II, via Domenico Montesano 49, 80131 Napoli, Italy; Pietro.delre@unina.it (P.D.); piccialli@unina.it (G.P.); stefano.derrico@unina.it (S.D.); diego.tesauro@unina.it (D.T.)

⁵ Department of Chemical Sciences, University of Catania, viale Andrea Doria 6, 95125 Catania, Italy

⁶ Institute of Analytical and Physical Chemistry for the Environment and Materials (IPREM-UMR 5254), Université de Pau Et Des Pays de L'Adour, E2S UPPA, CNRS, 64053 Pau, France; luisa.ronga@univ-pau.fr

⁷ Institute of Crystallography (IC), CNR, Via Vivaldi 43, 81100 Caserta, Italy; michele.saviano@cnr.it

⁸ Interuniversity Research Centre on Bioactive Peptides (CIRPEB), University of Naples Federico II, 80134 Naples, Italy.

⁹ Department of Molecular Medicine and Medical Biotechnology, University of Napoli Federico II, via Sergio Pansini 5, 80131 Napoli, Italy; golivier@unina.it

* Correspondence: stefano.derrico@unina.it (S.D.); diego.tesauro@unina.it (D.T.)

UV titration spectra of complex 4	Figure S1
UV titration spectra of complex 9	Figure S2
UV titration spectra of complex 12	Figure S3
UV titration spectra of complex 16	Figure S4

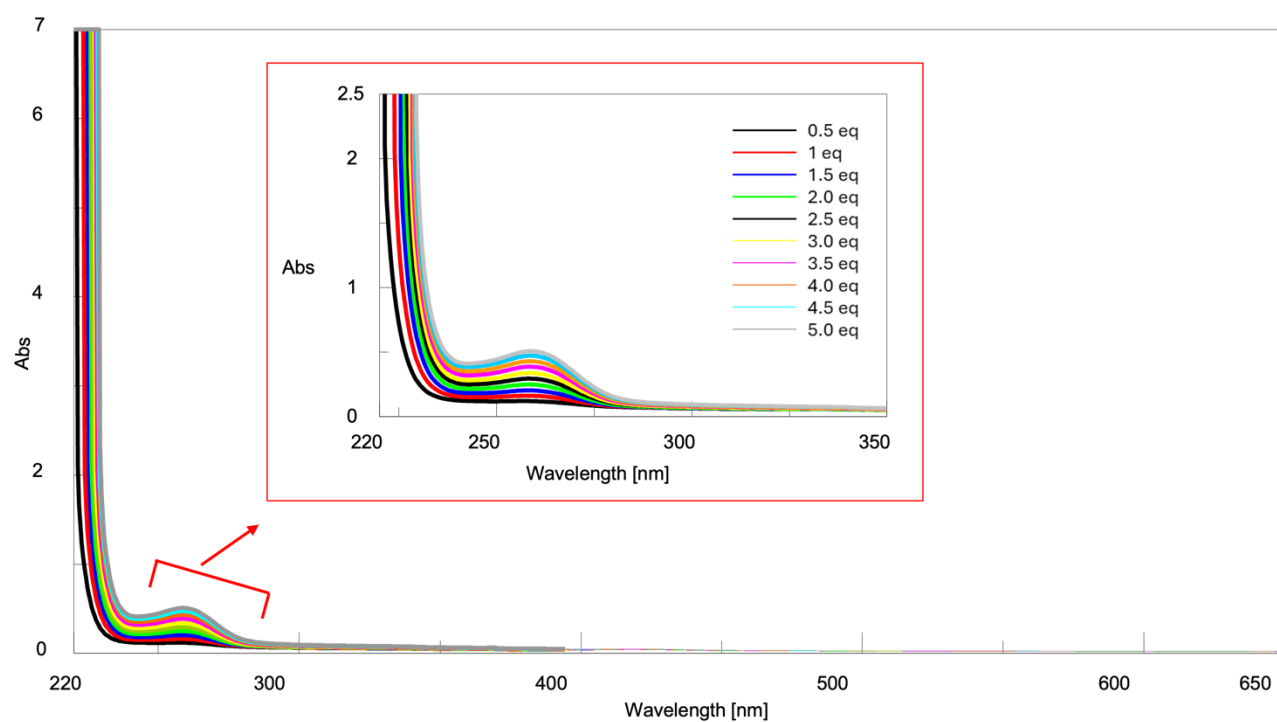


Figure S1. UV titration spectra of complex **4** in a 90 mmol/L K⁺ phosphate buffered solution (pH = 7.3).

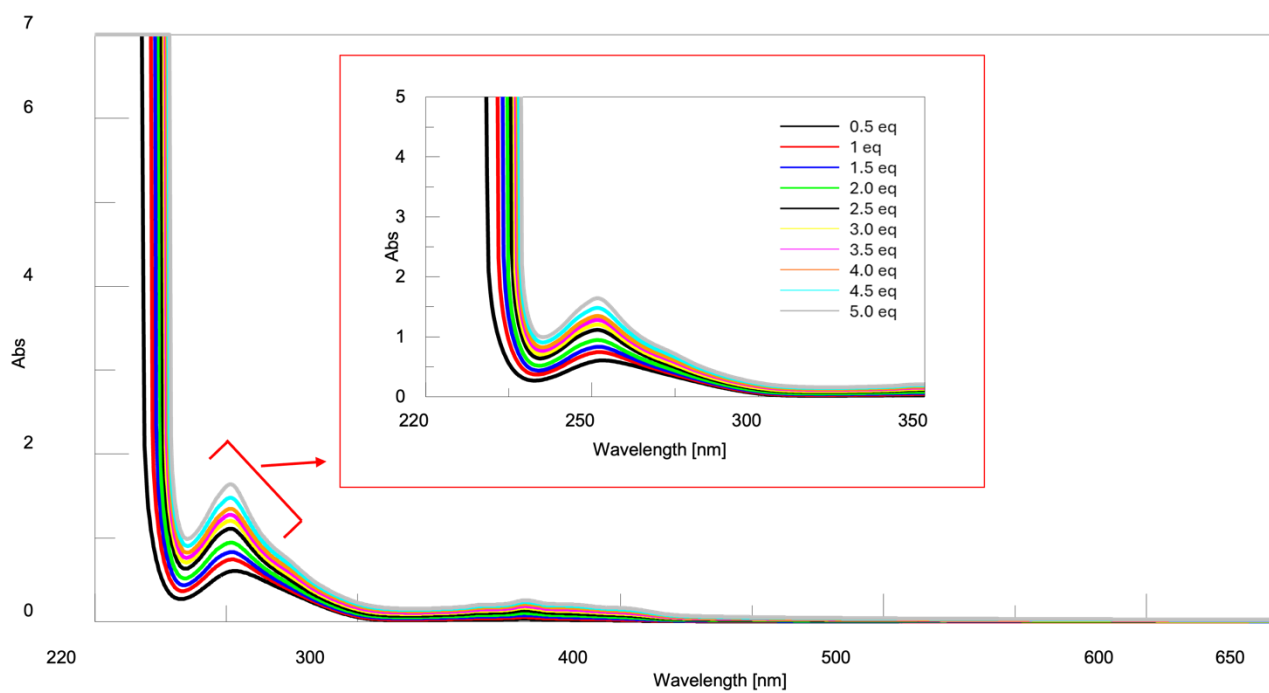


Figure S2. UV titration spectra of complex **9** in a 90 mmol/L K⁺ phosphate buffered solution (pH = 7.3).

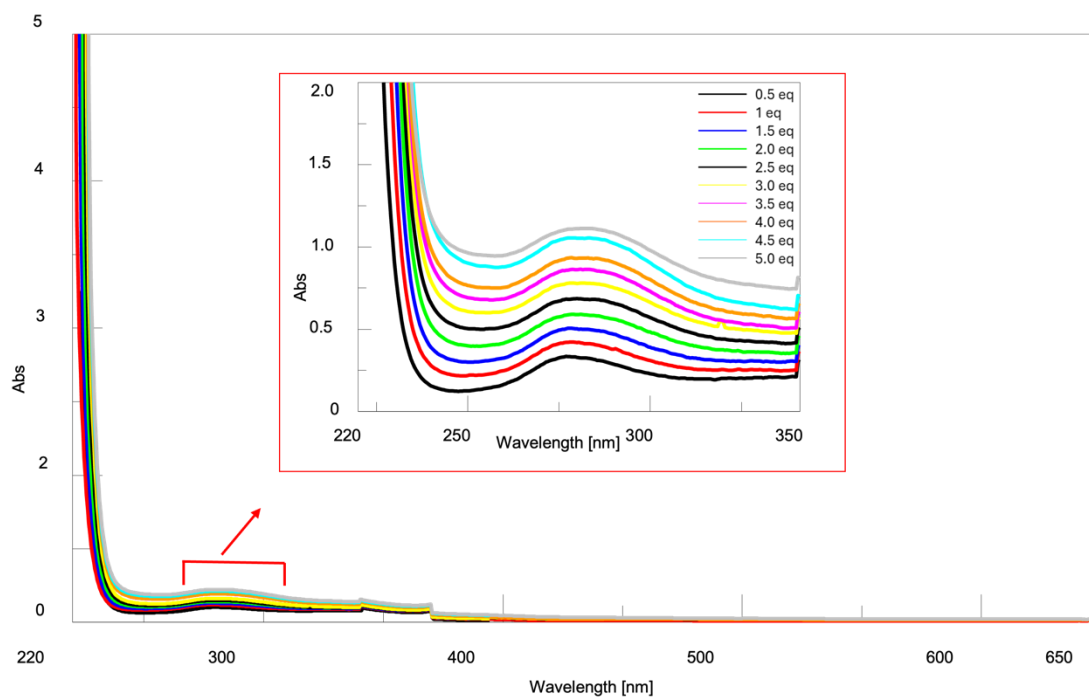


Figure S3. UV titration spectra of complex **12** in a 90 mmol/L K⁺ phosphate buffered solution (pH = 7.3).

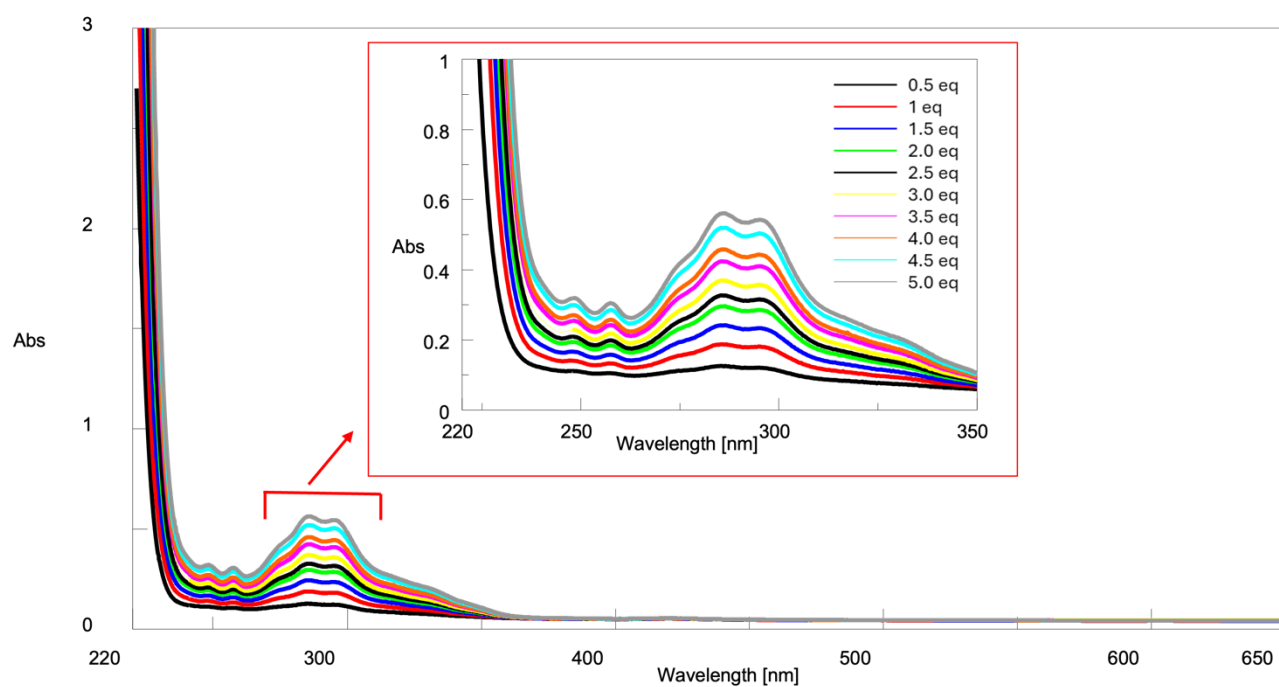


Figure S4. UV titration spectra of complex **16** in a 90 mmol/L K⁺ phosphate buffered solution (pH = 7.3).