Cyclometallated Au(III) dithiocarbamate complexes: synthesis, anticancer evaluation and mechanistic studies.

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Figure S1: UV/Vis spectrum of complex **3** (1 mM), GSH (1 mM) and a mixture of complex **3** and GSH (1mM), (DMSO-H₂O 1:1).



Figure S2: UV/Vis spectrum of complex **4** (1 mM), GSH (1 mM) and a mixture of complex **4** and GSH (1mM), (DMSO-H₂O 1:1).



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Figure S5: UV/Vis spectrum of complex 7 (1 mM), GSH (1 mM) and a mixture of complex 7 and GSH (1mM), (DMSO-H₂O 1:1).



Figure S6: ¹H NMR spectra of a 1:1 mixture of **3** with N-acetyl cysteine (NAC) at different reaction times at room temperature, in comparison with the starting materials **3** and NAC (CD_3CN).





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Figure S12:C¹³{ 1 H} NMR spectrum of 4 in CD₂Cl₂ at 298 K.



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Figure S14:C¹³{¹H} NMR spectrum of 5 in CD₃CN at 298 K.



Figure S15:¹H NMR spectrum of 6 in (CD₃)₂SO at 298 K.



Figure S16:C¹³{¹H} NMR spectrum of 6 in $(CD_3)_2SO$ at 298 K.