Supporting Information

Antiproliferative effects, Mechanism of Action and Tumor Reduction Studies in a Lung Cancer Xenograft Mouse Model of an Organometallic Gold(I) Alkynyl Complex

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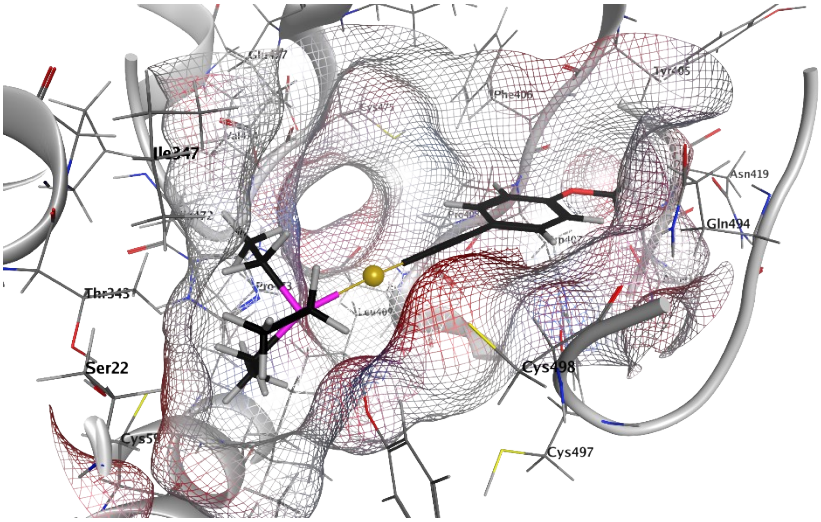

Figure S1: Docking of **1** into TrxR1 (PDB: 2J3N, Sec→Cys); receptor surface: H-bonding (red), mild polar (blue), hydrophobic (grey).

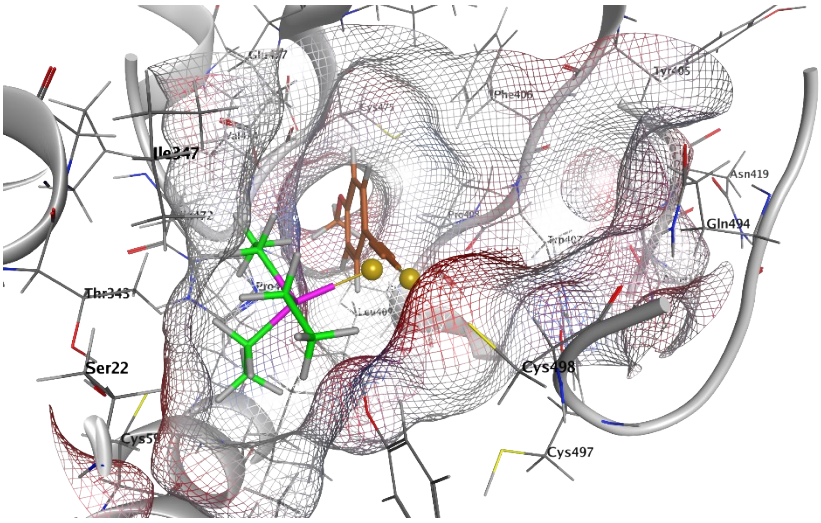

Figure S2: Docking of (phosphane)Au⁺ (green) and alkynyl-Au⁺ (brown) into TrxR1 (PDB: 2J3N, Sec→Cys); receptor surface: H-bonding (red), mild polar (blue), hydrophobic (grey)

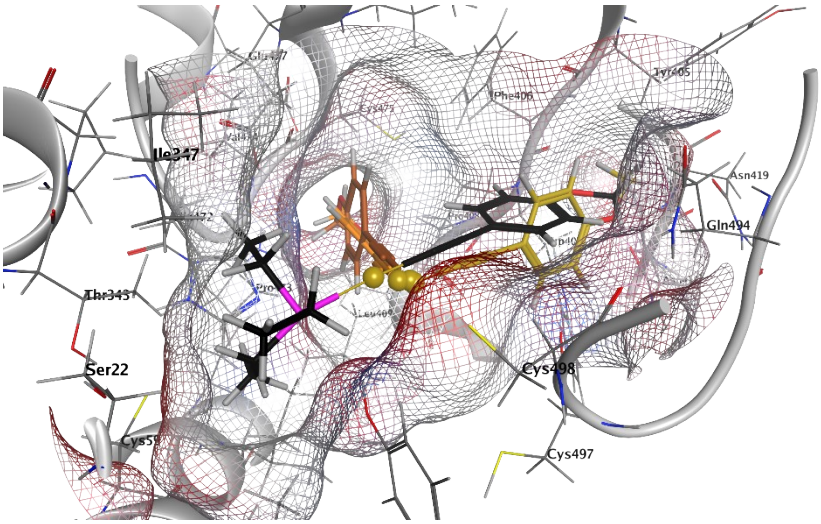

Figure S3: Docking of **1** and alkynyl-Au⁺ (brown, orange, yellow) into TrxR1 (PDB: 2J3N, Sec→Cys); receptor surface: H-bonding (red), mild polar (blue), hydrophobic (grey)

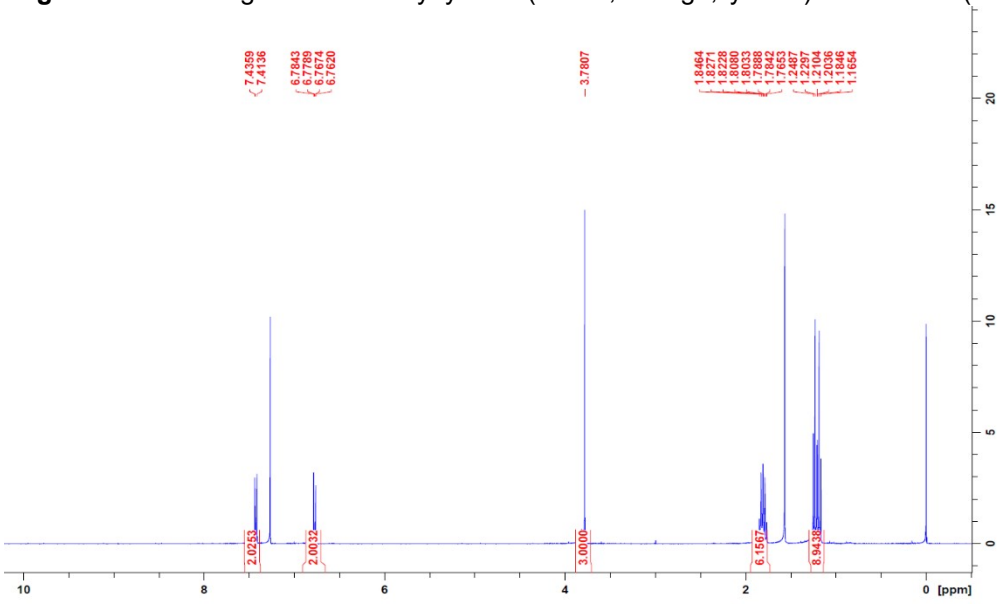

Figure S4: ^{1}H NMR of complex **1** recorded in $CDCl_3$

Figure S5: ^{13}C NMR of complex 1 recorded in $CDCl_3$

Figure S6: ^{31}P NMR of complex **1** recorded in $CDCl_3$