

Pt(IV) complexes based on cyclohexanediamines and the histone deacetylase inhibitor 2-(2-propynyl)octanoic acid: synthesis, characterization, cell penetration properties and antitumor activity

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ELECTRONIC SUPPLEMENTARY INFORMATION

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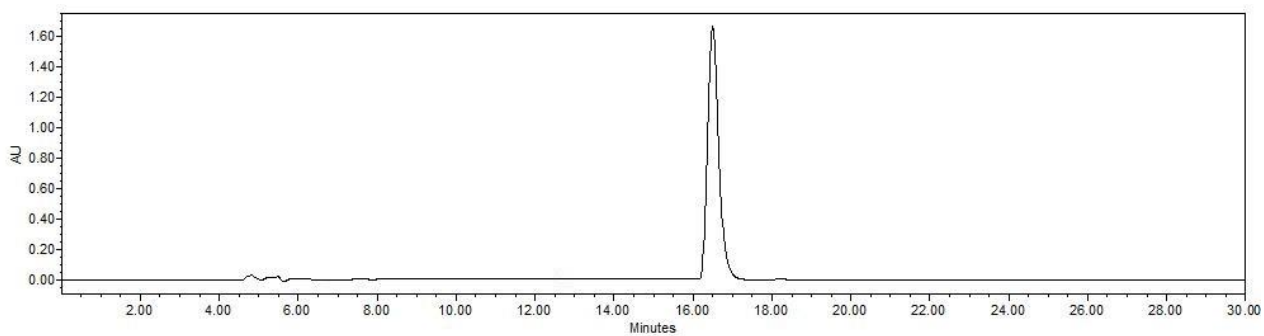


Figure S1. HPLC-UV chromatogram of complex **2**.

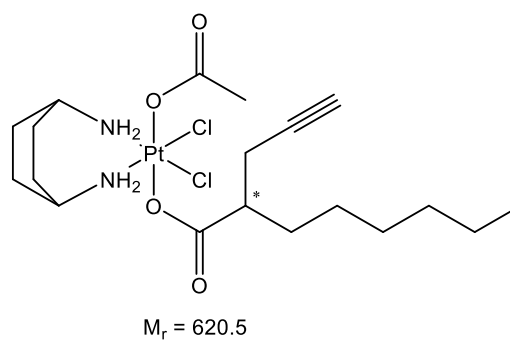
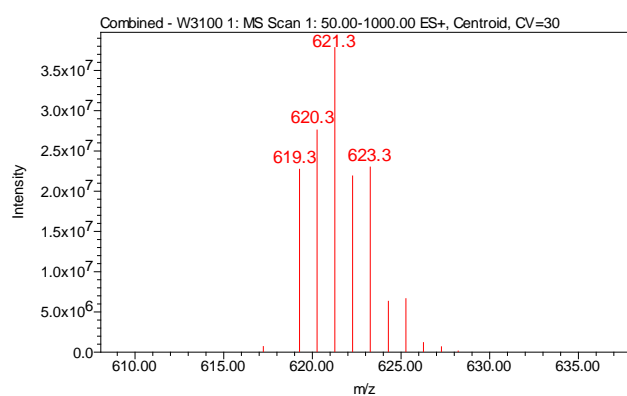
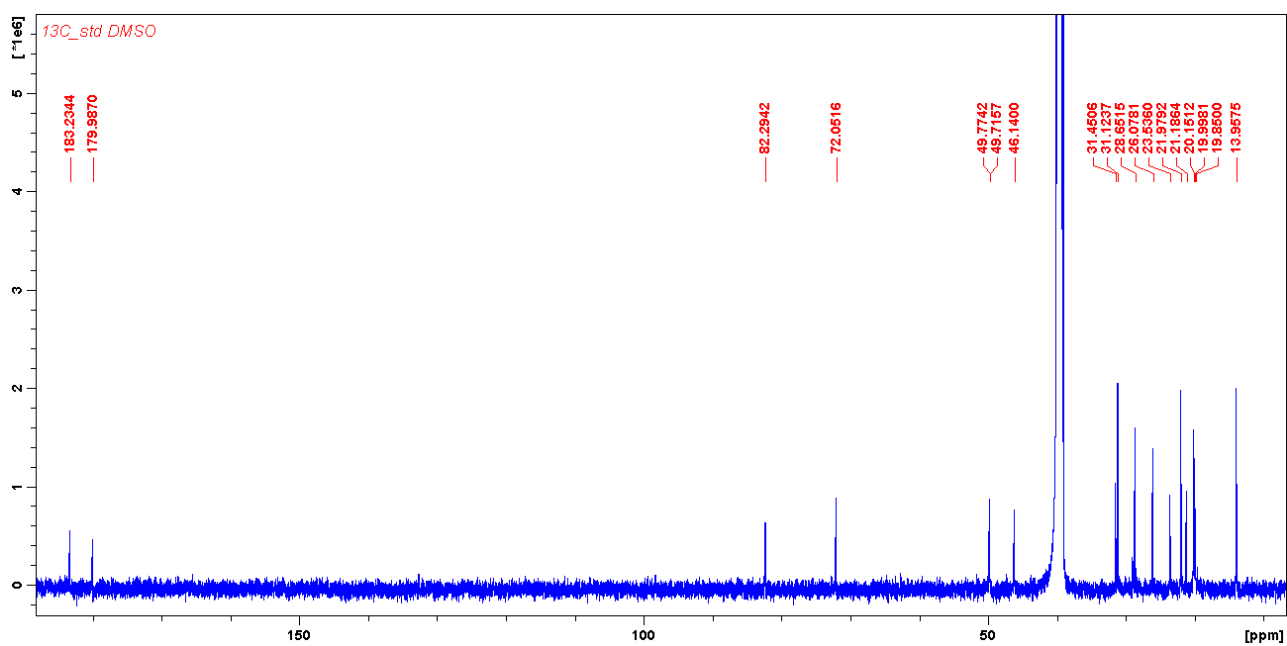
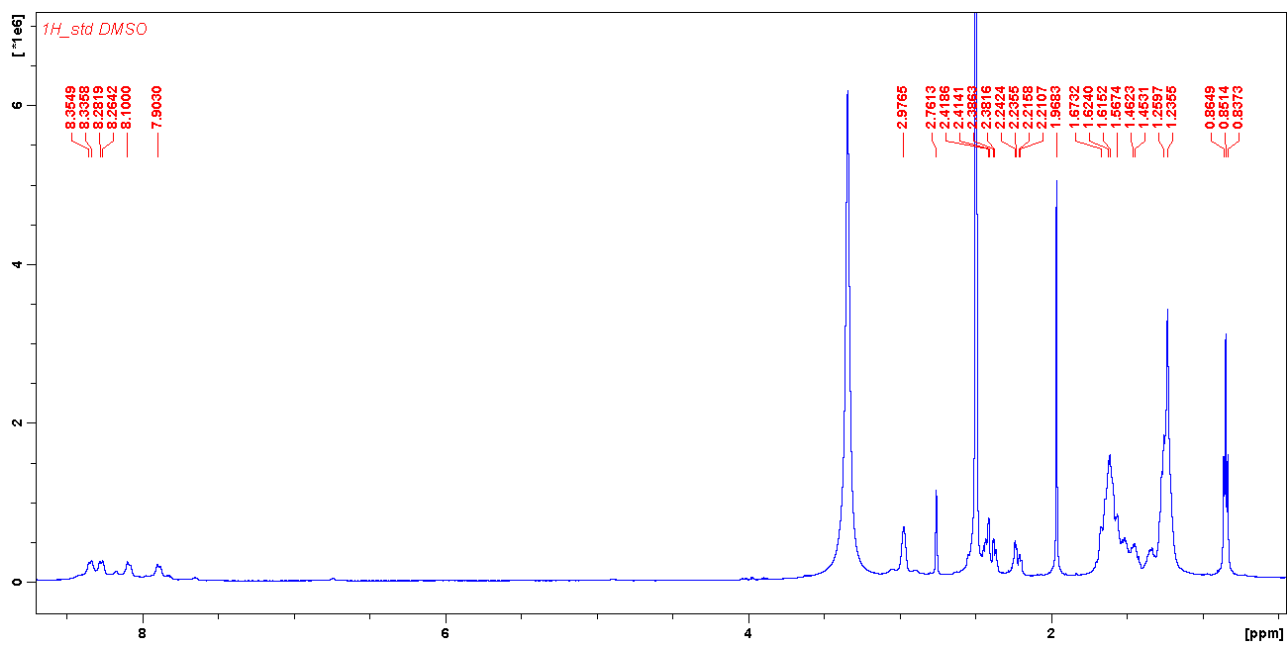


Figure S2. ESI-MS spectrum and molecular structure of complex **2**.



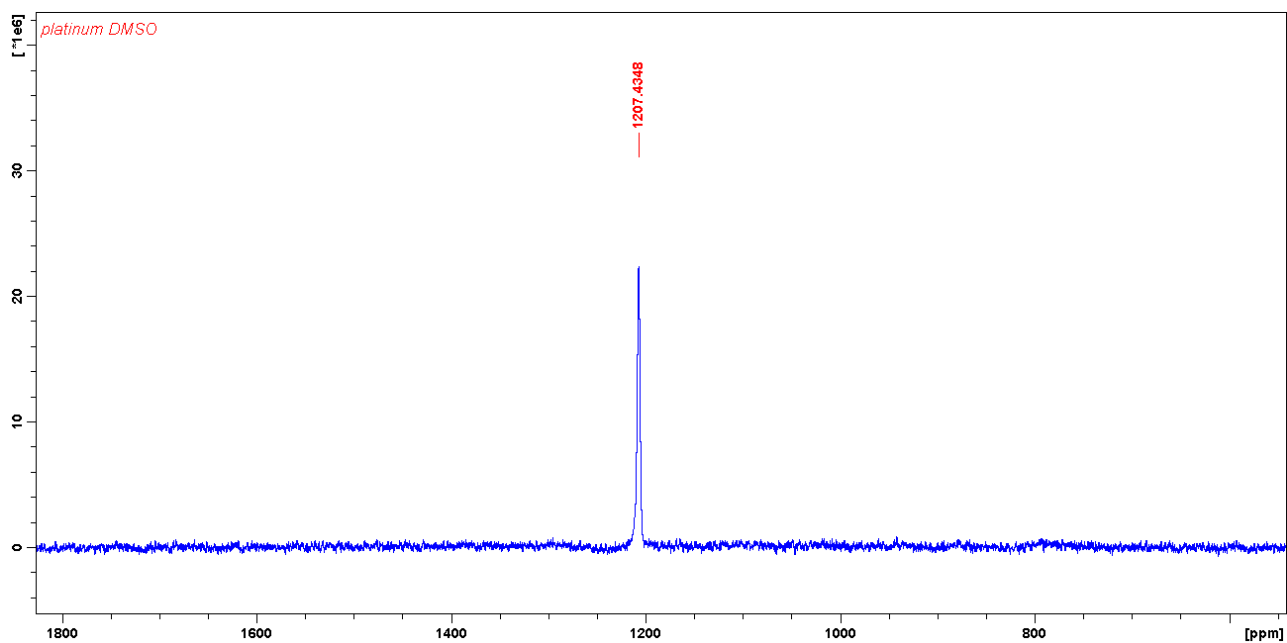


Figure S5. ^{195}Pt -NMR spectrum of **2**

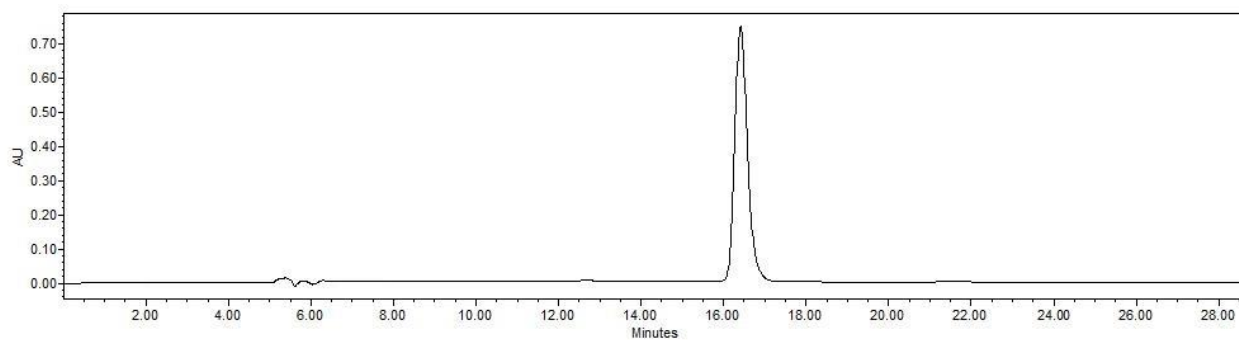


Figure S6. HPLC-UV chromatogram of complex **2R**

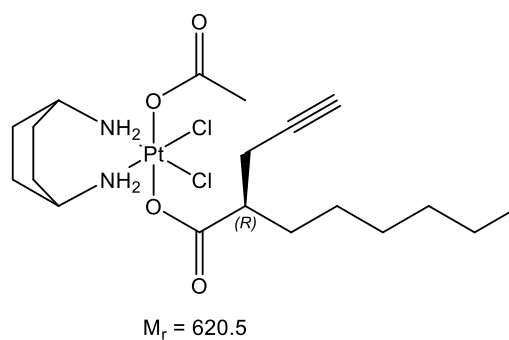
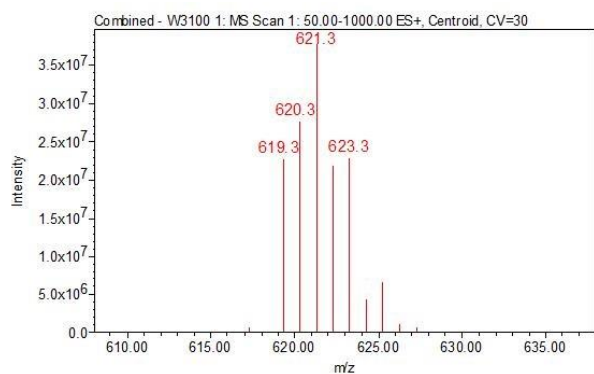


Figure S7. ESI-MS spectrum and molecular structure of complex **2R**.

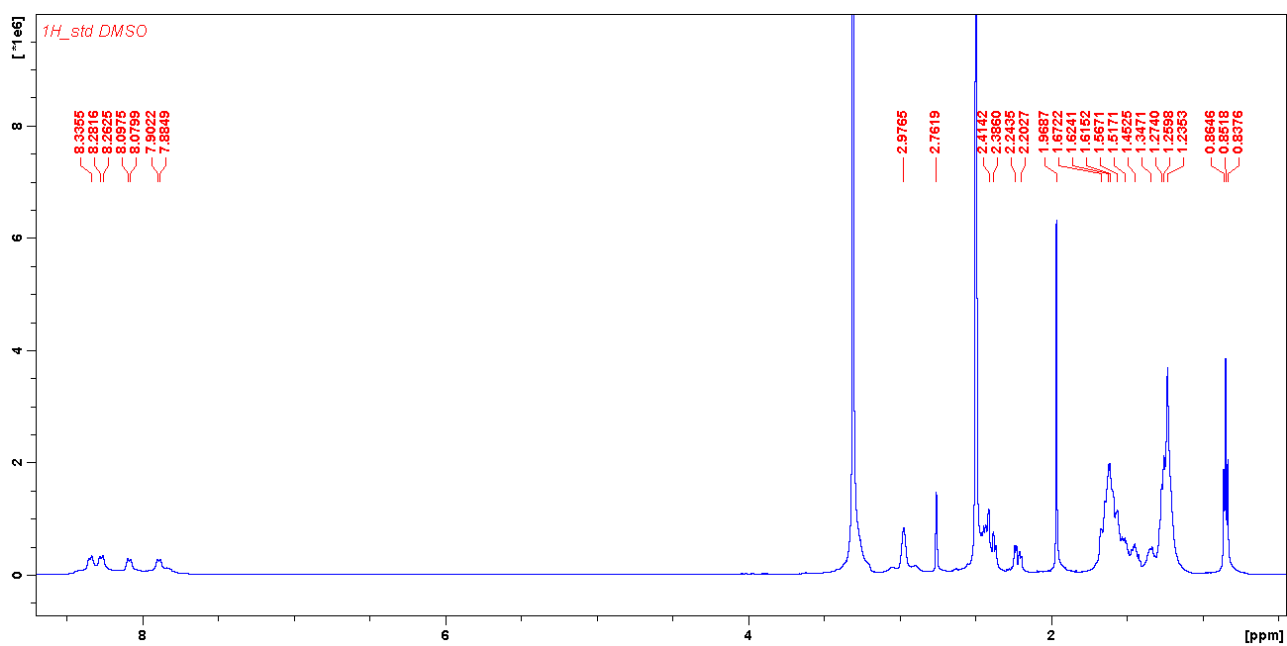


Figure S8. ^1H -NMR spectrum of **2R**

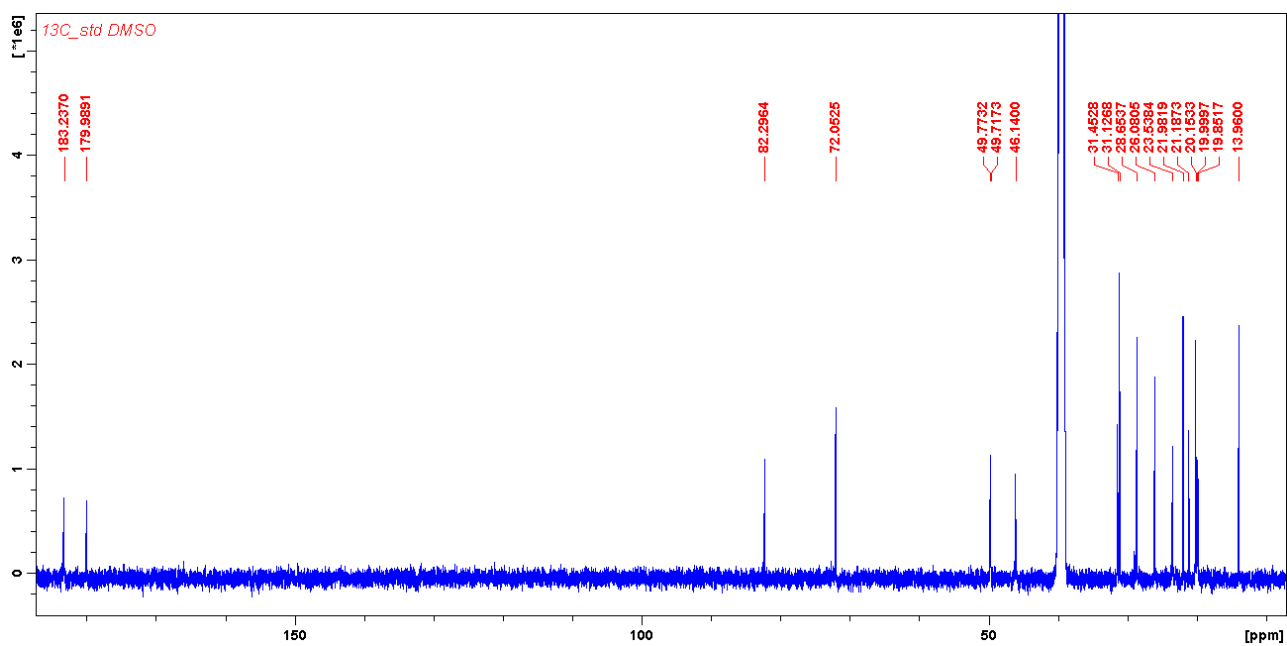


Figure S9. ^{13}C -NMR spectrum of **2R**

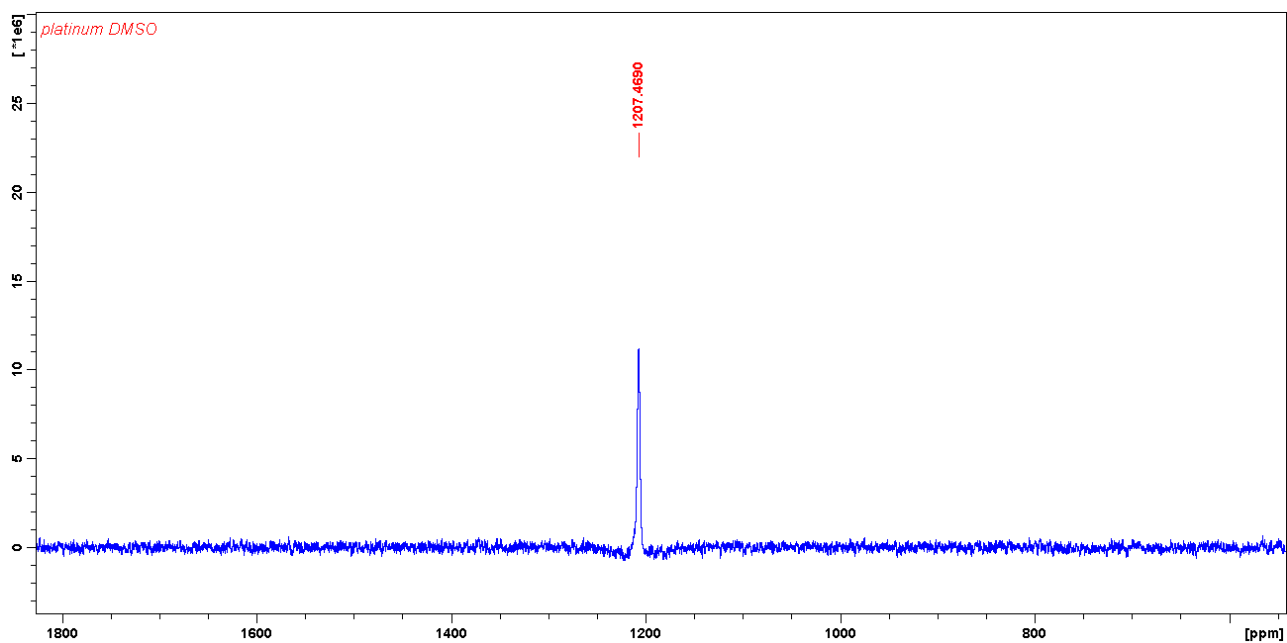


Figure S10. ^{195}Pt -NMR spectrum of **2R**

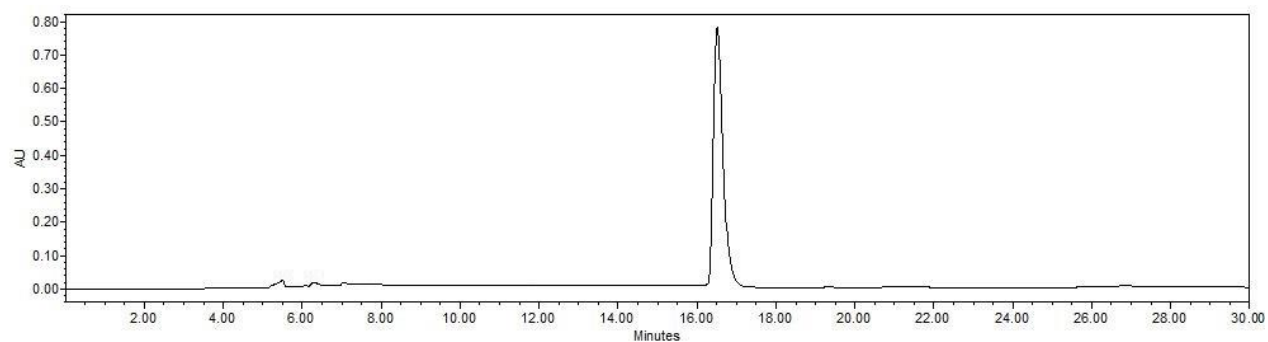


Figure S11. HPLC-UV chromatogram of complex **2S**

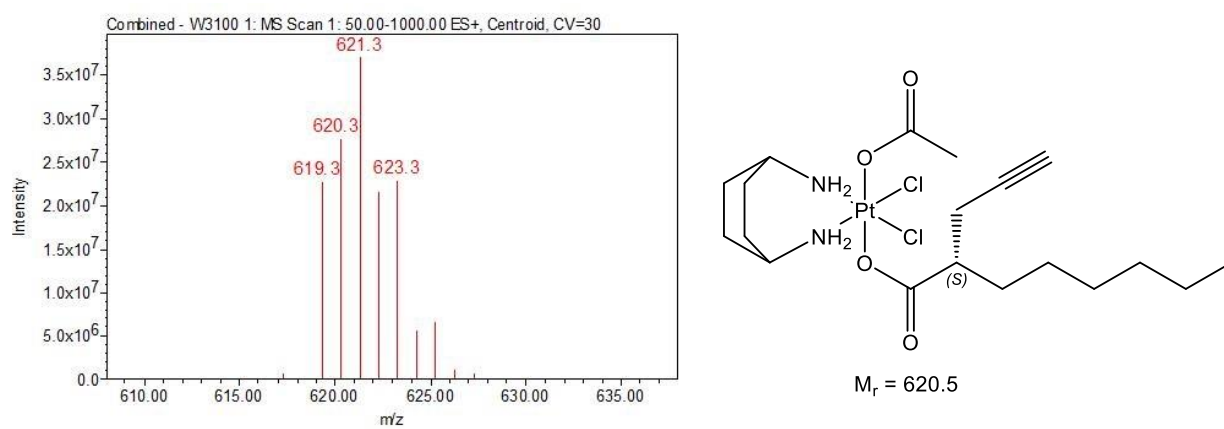


Figure S12. ESI-MS spectrum and molecular structure of complex **2S**.

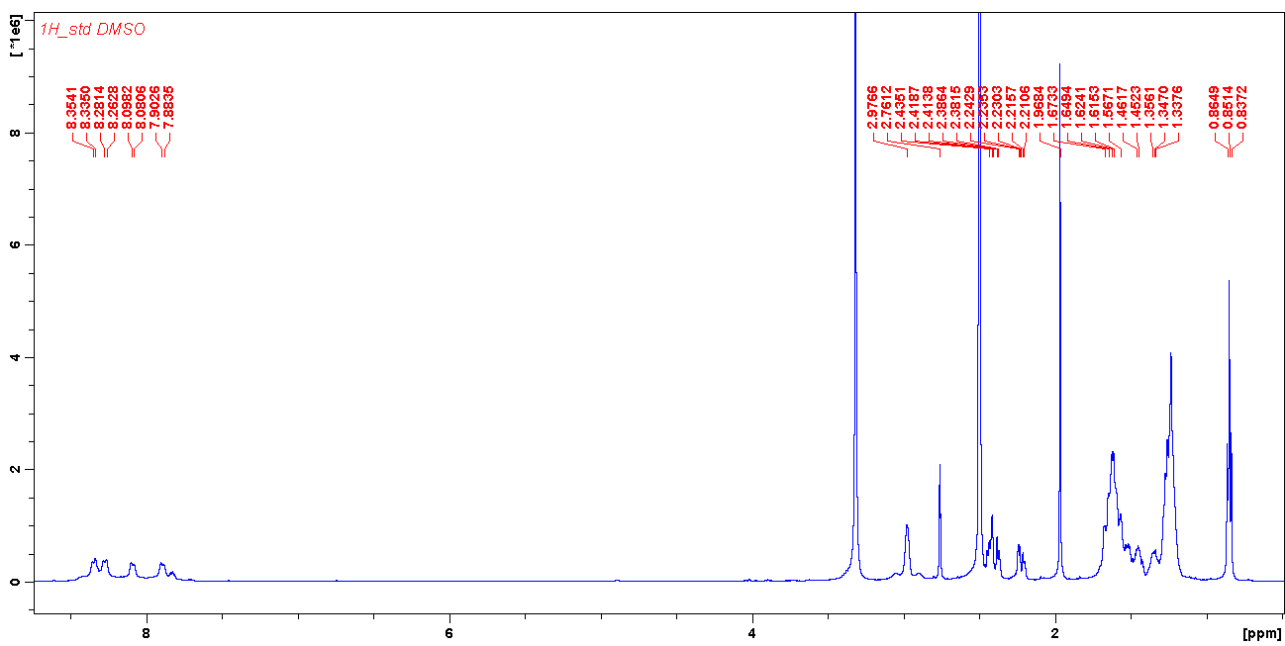


Figure S13. ^1H -NMR spectrum of **2S**

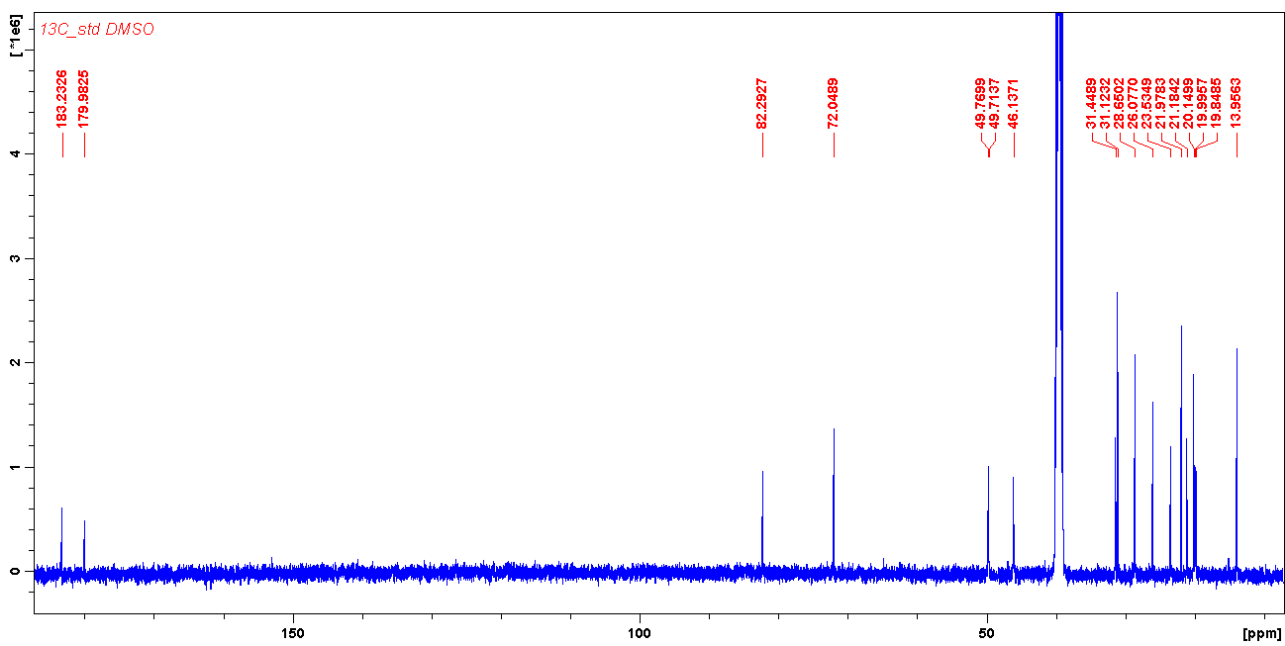


Figure S14. ^{13}C -NMR spectrum of **2S**

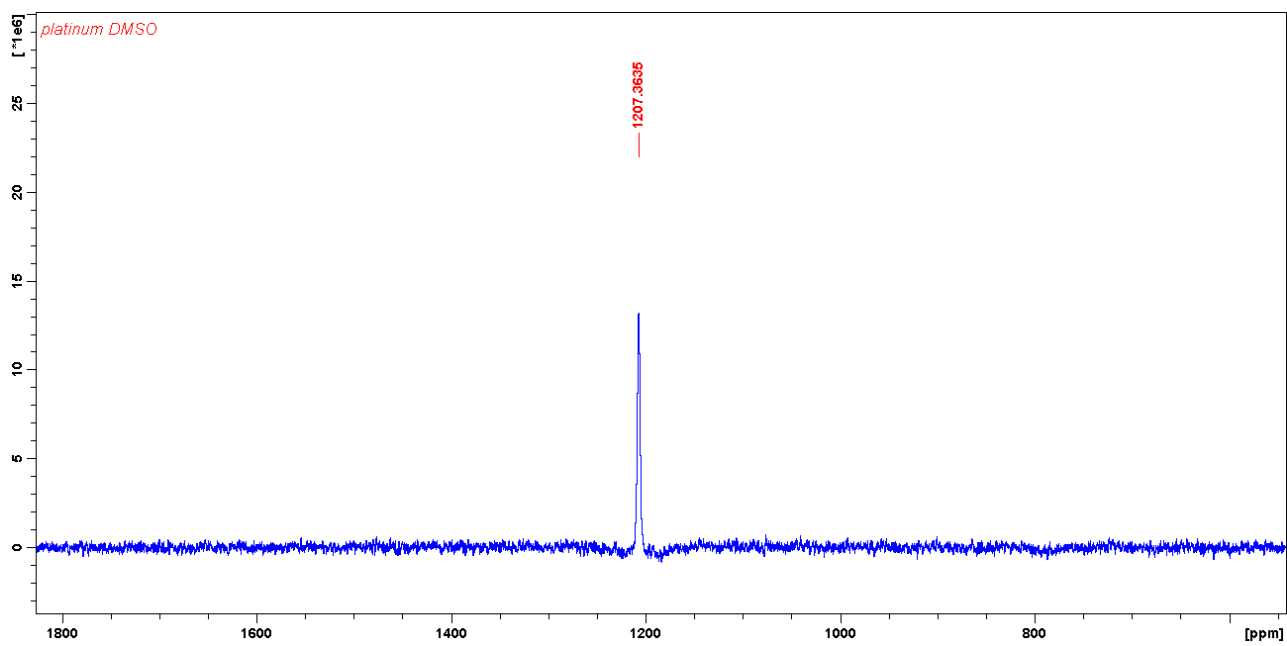


Figure S15. ^{195}Pt -NMR spectrum of **2S**

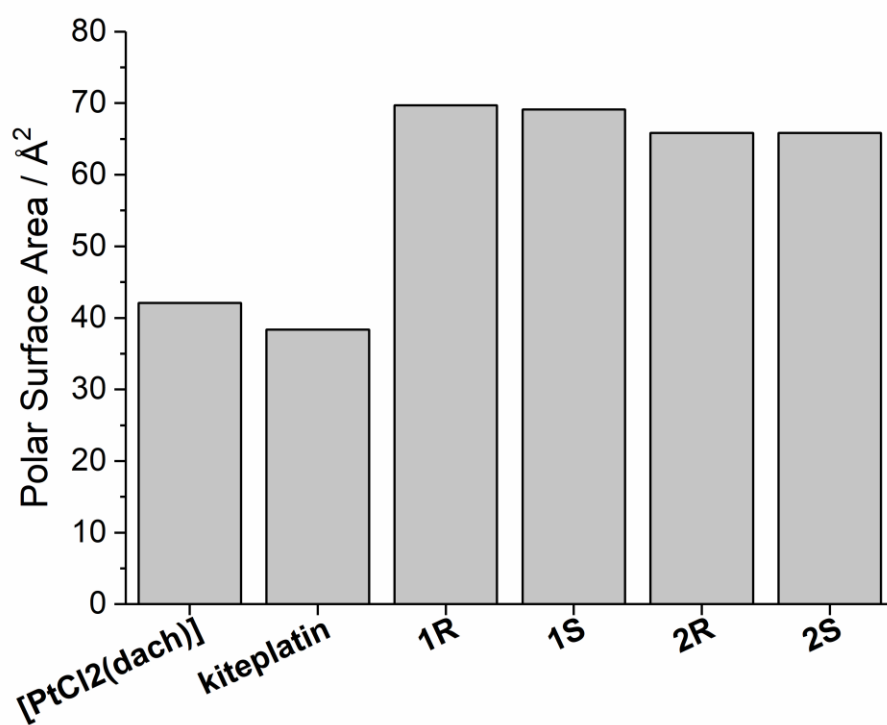


Figure S16. Polar Surface Area (PSA) of [PtCl₂(1,2-dach)], kiteplatin, **1R**, **1S**, **2R**, and **2S** calculated using the minimum energy conformer minimized with PM6.