

Supporting Information

Cytotoxicity and Mechanism of Action of New Multinuclear Scaffold Au^{III}, Pd^{II} Pincer Complexes Containing Bis(diphenylphosphino) Ferrocene/Non-Ferrocene Ligand

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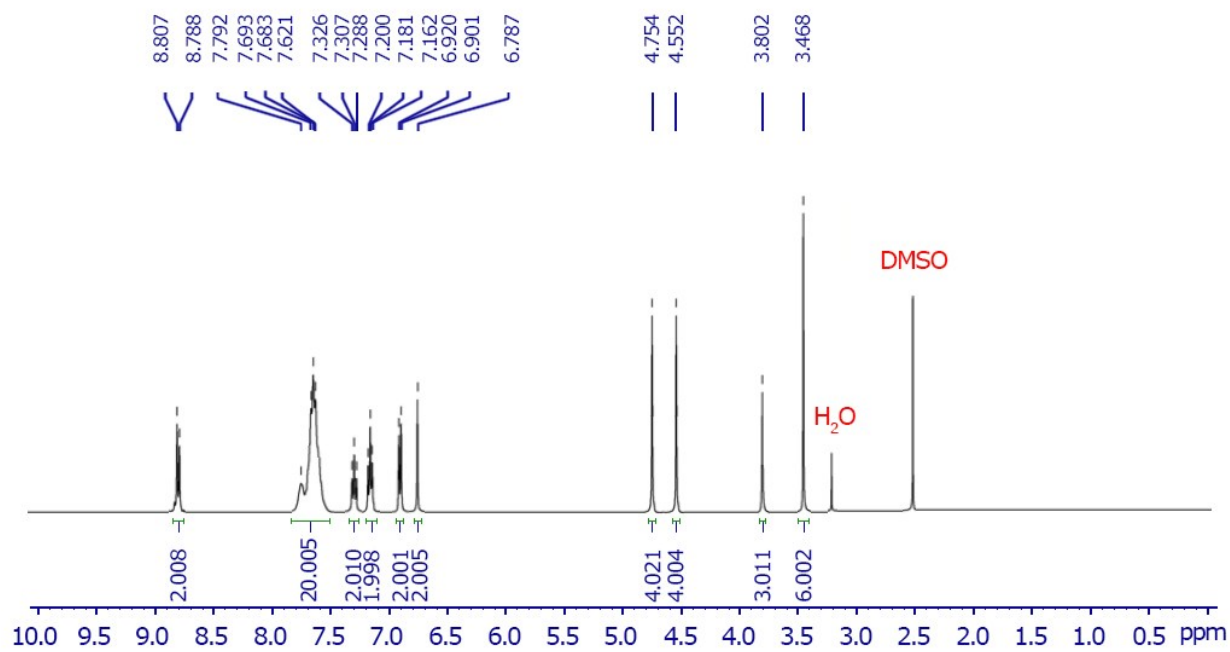


Fig. S1. ¹H NMR spectrum of complex **1** (DMSO-*d*₆).

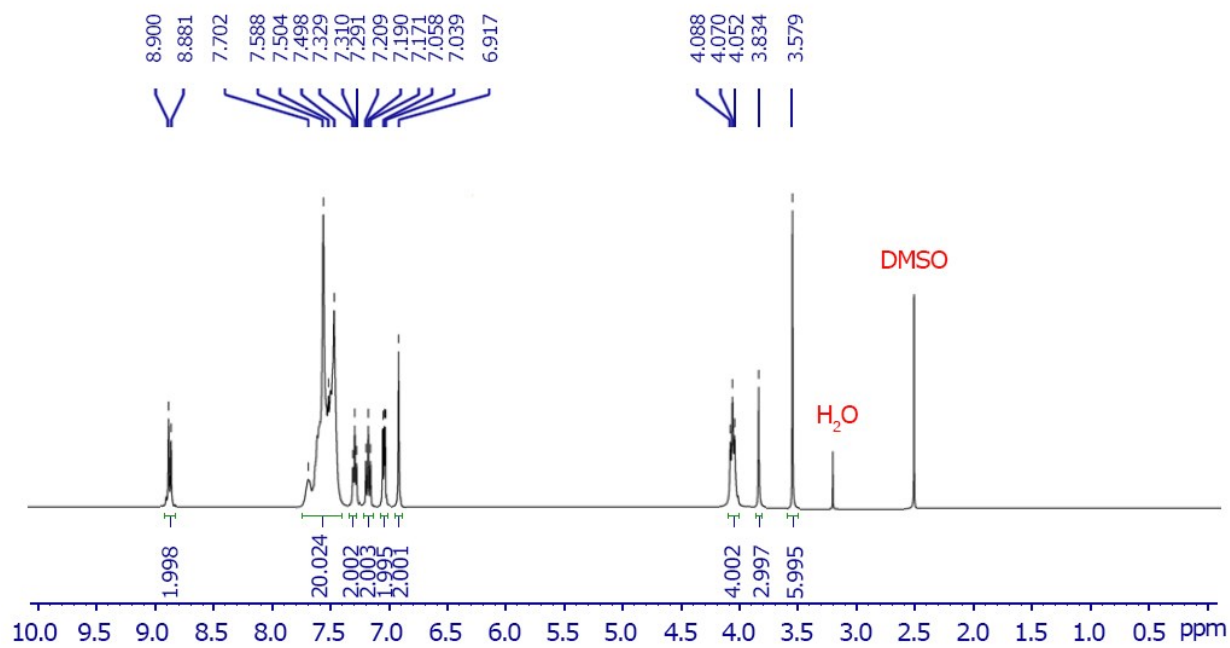


Fig. S2. ¹H NMR spectrum of complex **2** (DMSO-*d*₆).

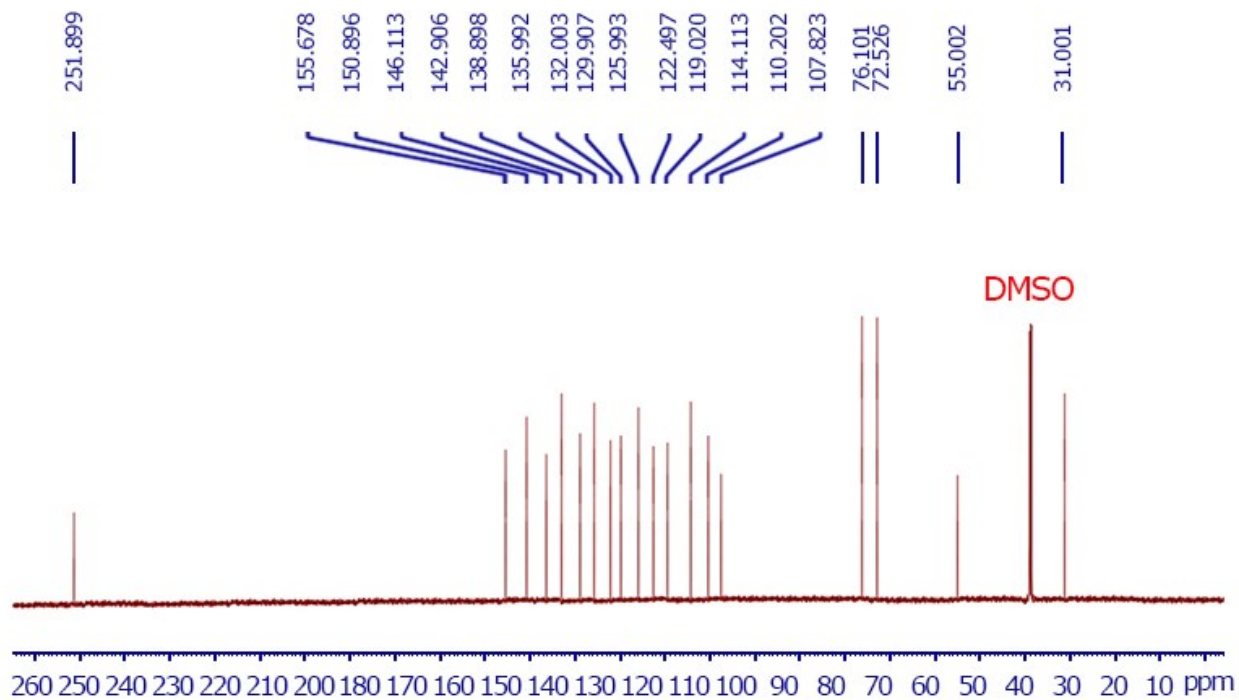


Fig. S3. ^{13}C NMR spectrum of complex **1** ($\text{DMSO-}d_6$).

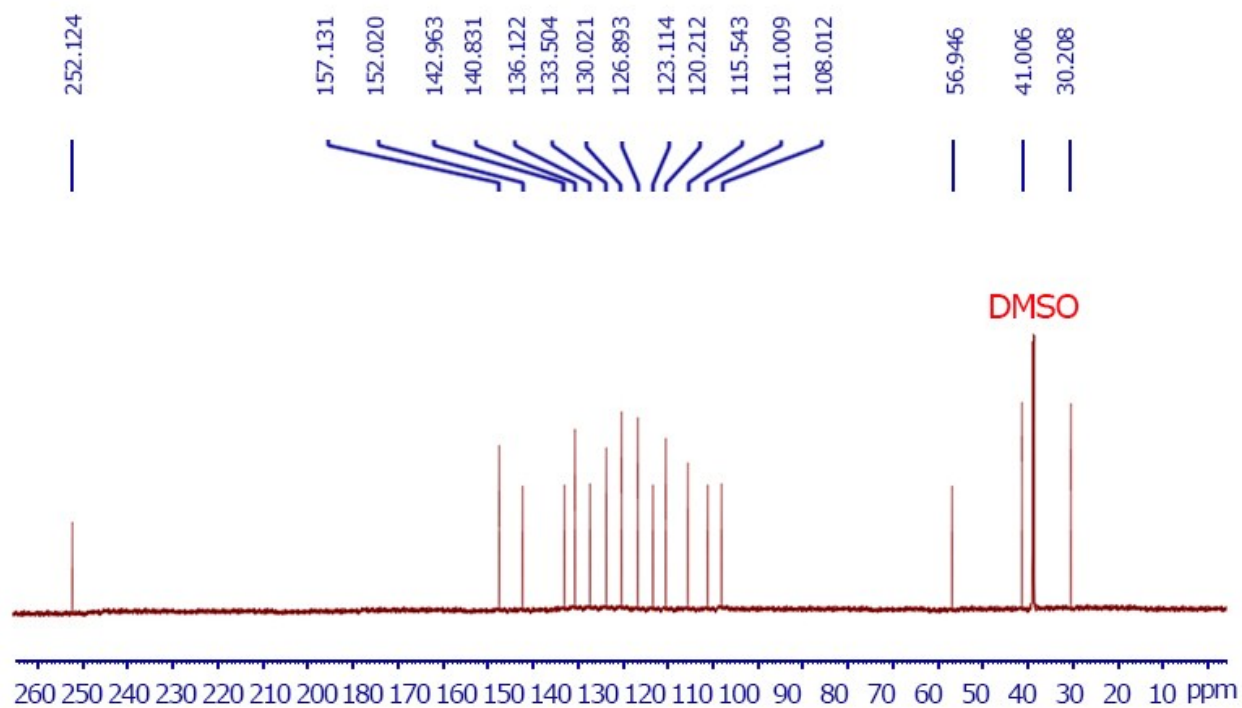


Fig. S4. ^{13}C NMR spectrum of complex 2 ($\text{DMSO-}d_6$).

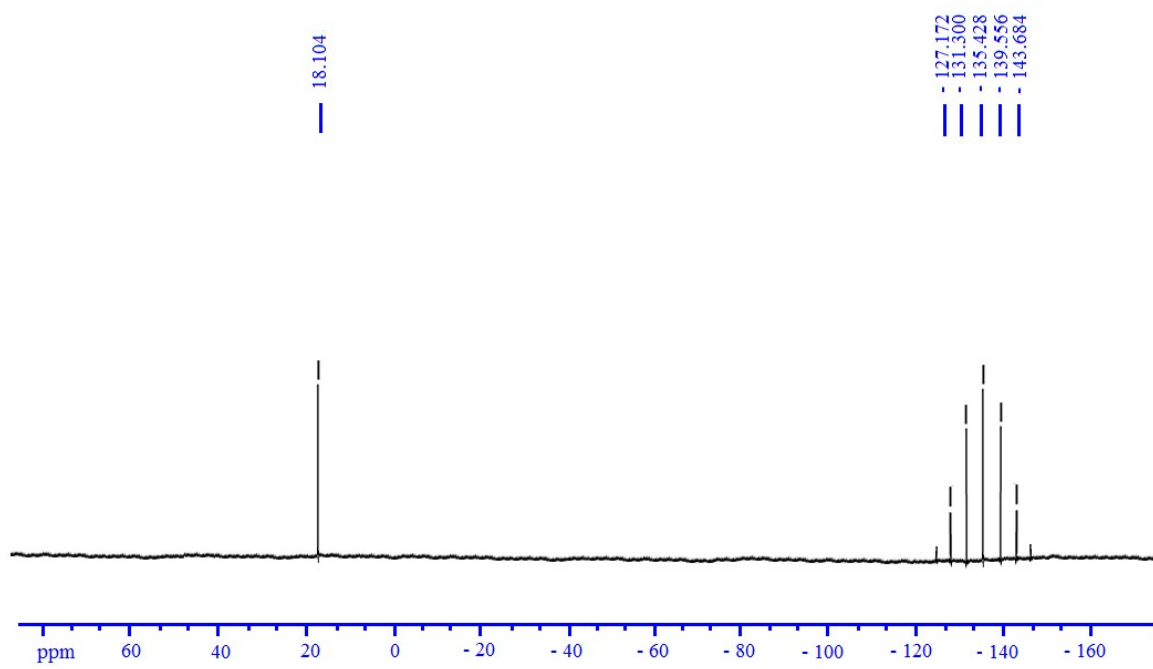


Fig. S5. ^{31}P $\{^1\text{H}\}$ NMR spectrum of complex **1** ($\text{DMSO-}d_6$).

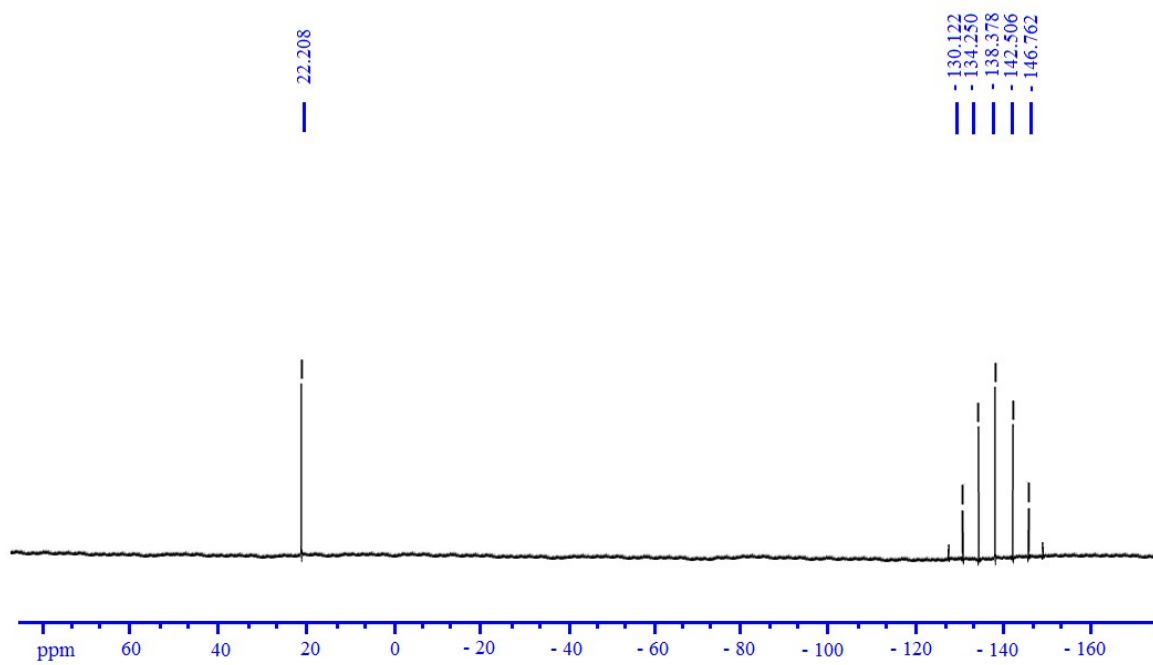


Fig. S6. ^{31}P $\{^1\text{H}\}$ NMR spectrum of complex **2** ($\text{DMSO-}d_6$).

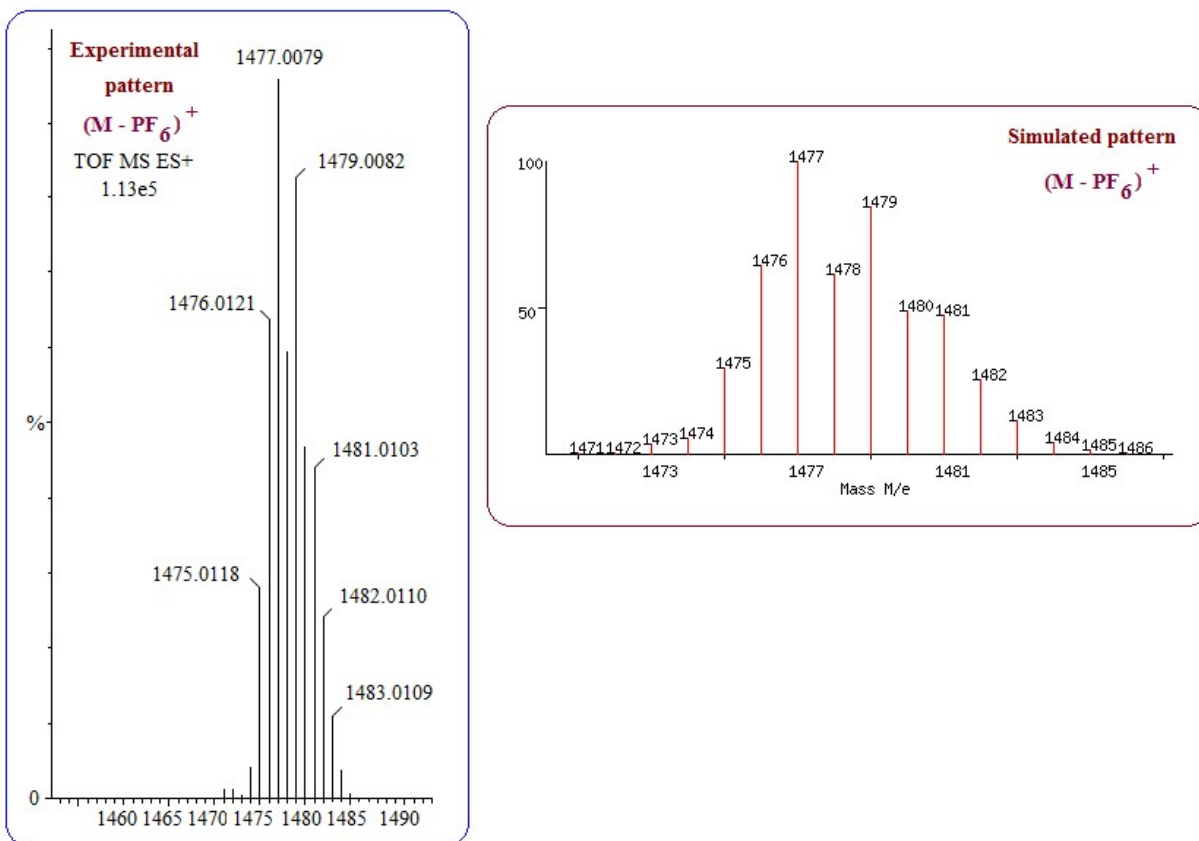


Fig. S7. TOF MS spectrum of complex 1.

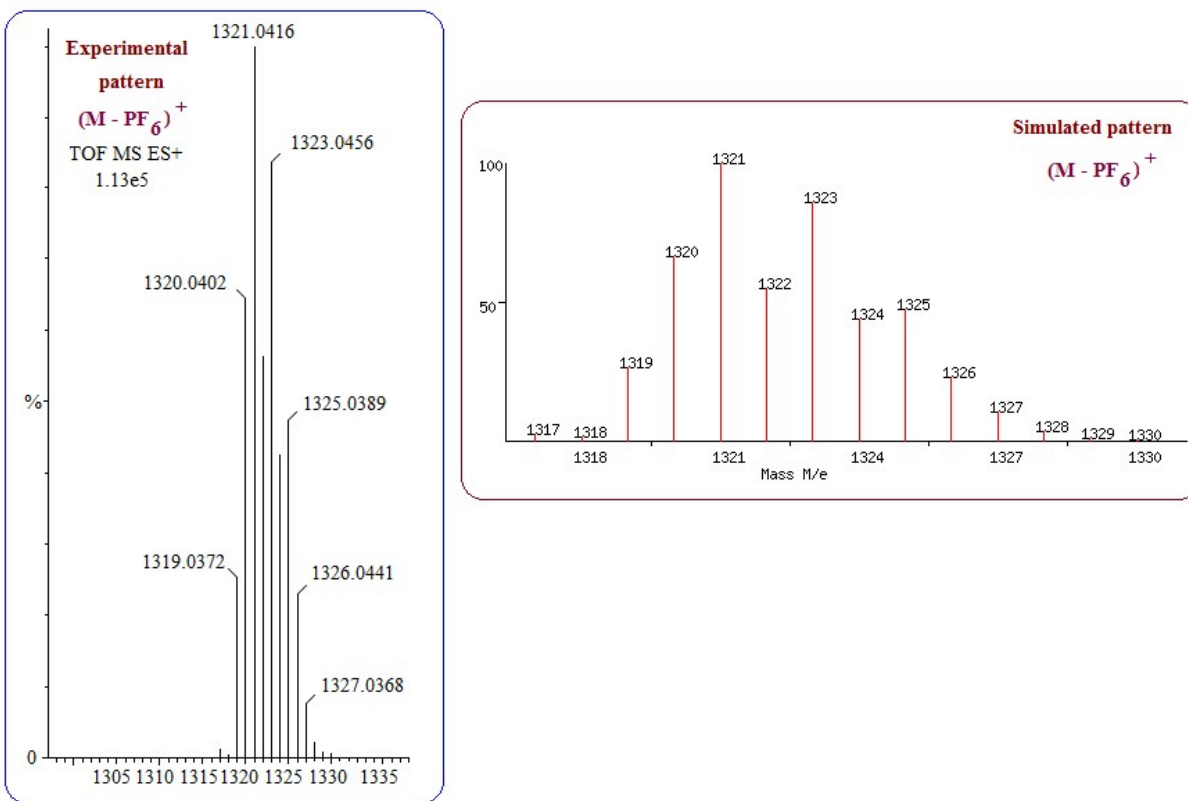


Fig. S8. TOF MS spectrum of complex 2.

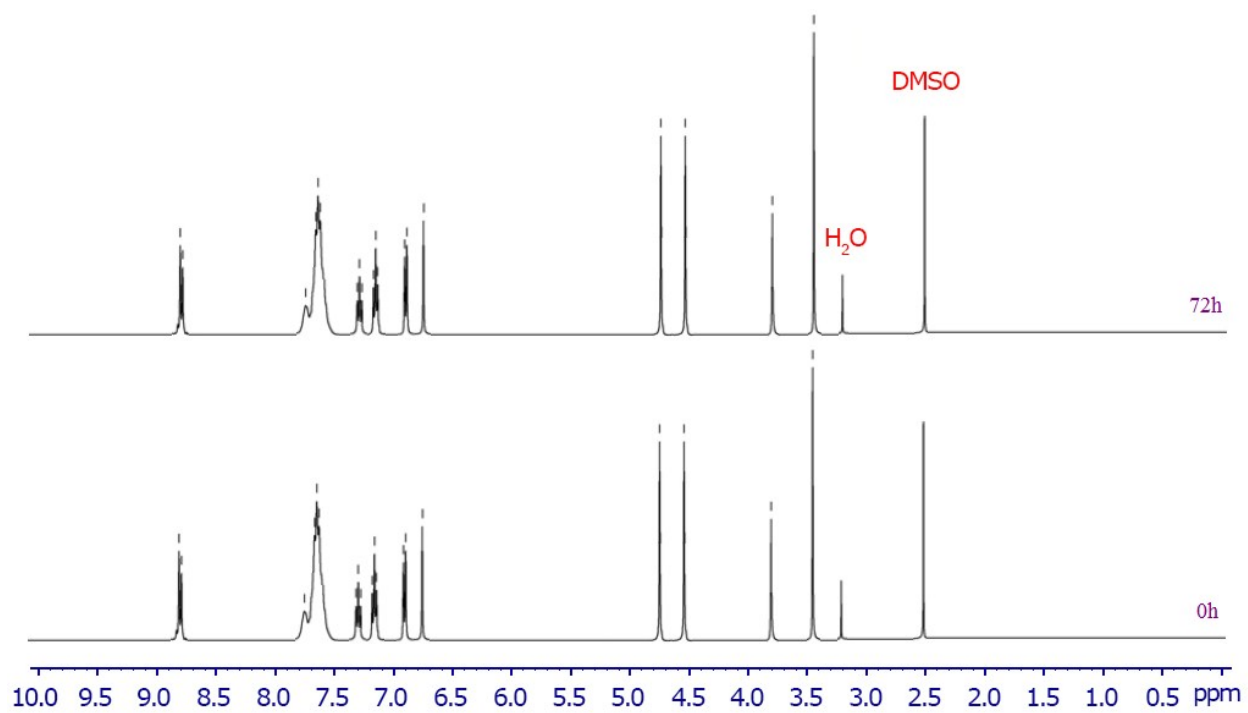


Fig. S9. ^1H NMR spectrum of complex **1** in $\text{DMSO-}d_6$ solution at 37°C after 3 minutes (bottom) and after 72 h incubation (top).

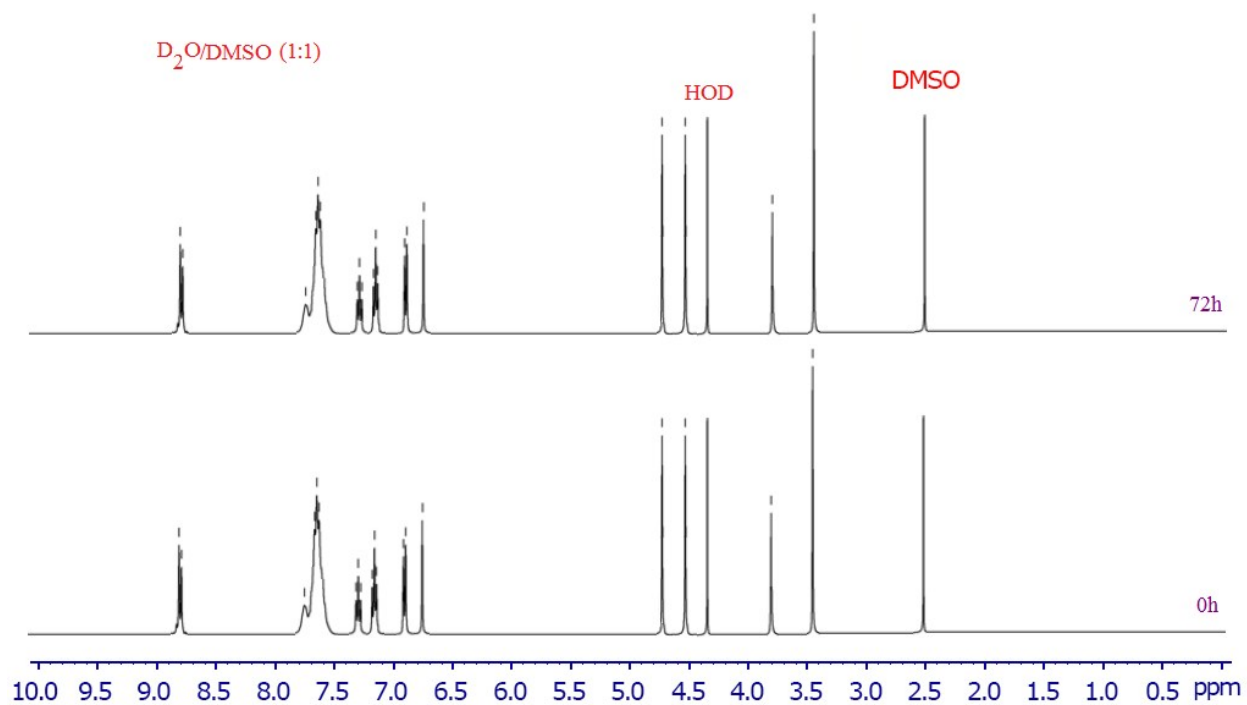


Fig. S10. ^1H NMR spectrum of complex **1** from a 1:1 mixture ($\text{DMSO-}d_6$): D_2O solution at $37\text{ }^\circ\text{C}$ after 3 minutes (bottom) and after 72 h incubation (top).

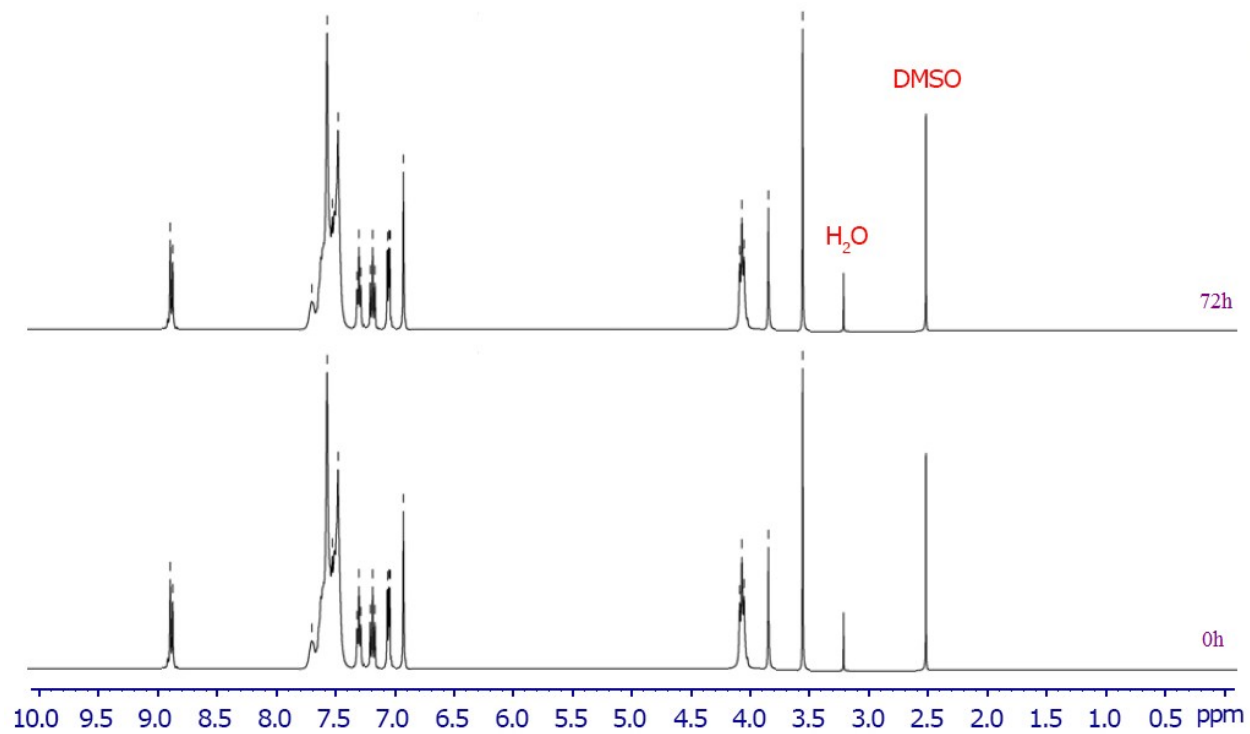


Fig. S11. ^1H NMR spectrum of complex **2** in $\text{DMSO-}d_6$ solution at $37\text{ }^\circ\text{C}$ after 3 minutes (bottom) and after 72 h incubation (top).

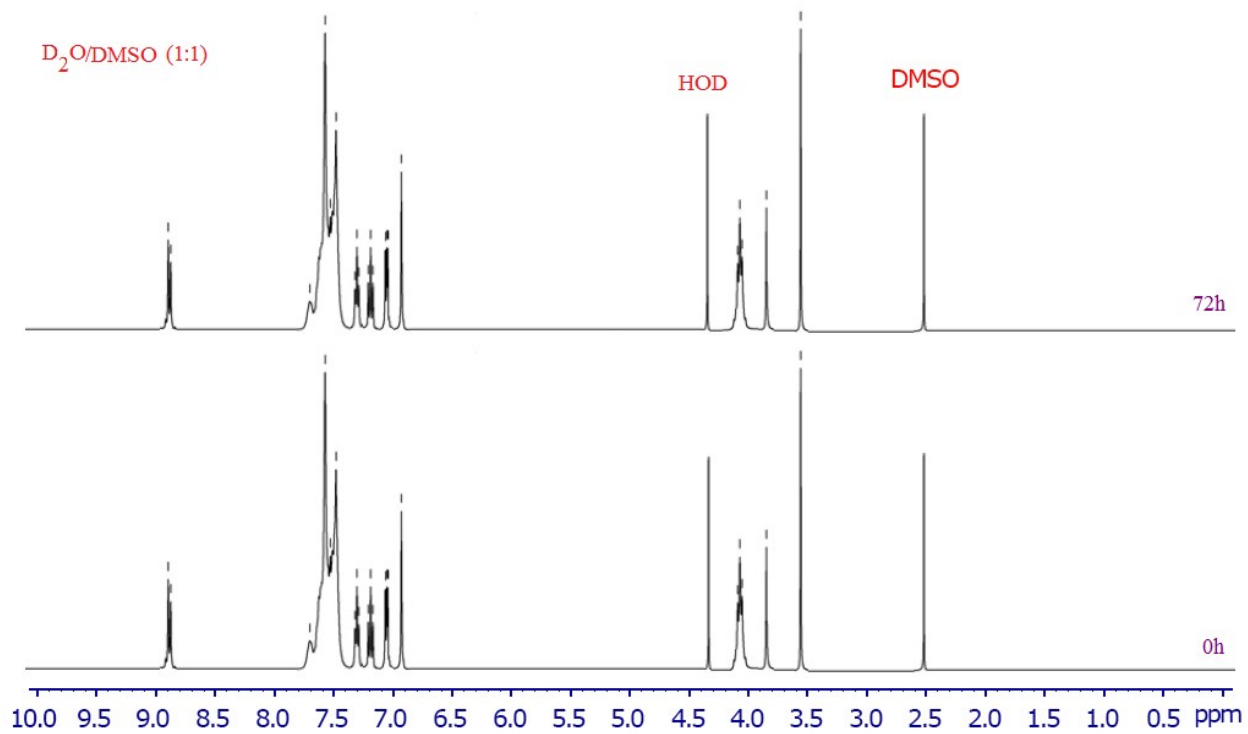


Fig. S12. ^1H NMR spectrum of complex **2** from a 1:1 mixture ($\text{DMSO-}d_6$): D_2O solution at $37\text{ }^\circ\text{C}$ after 3 minutes (bottom) and after 72 h incubation (top).

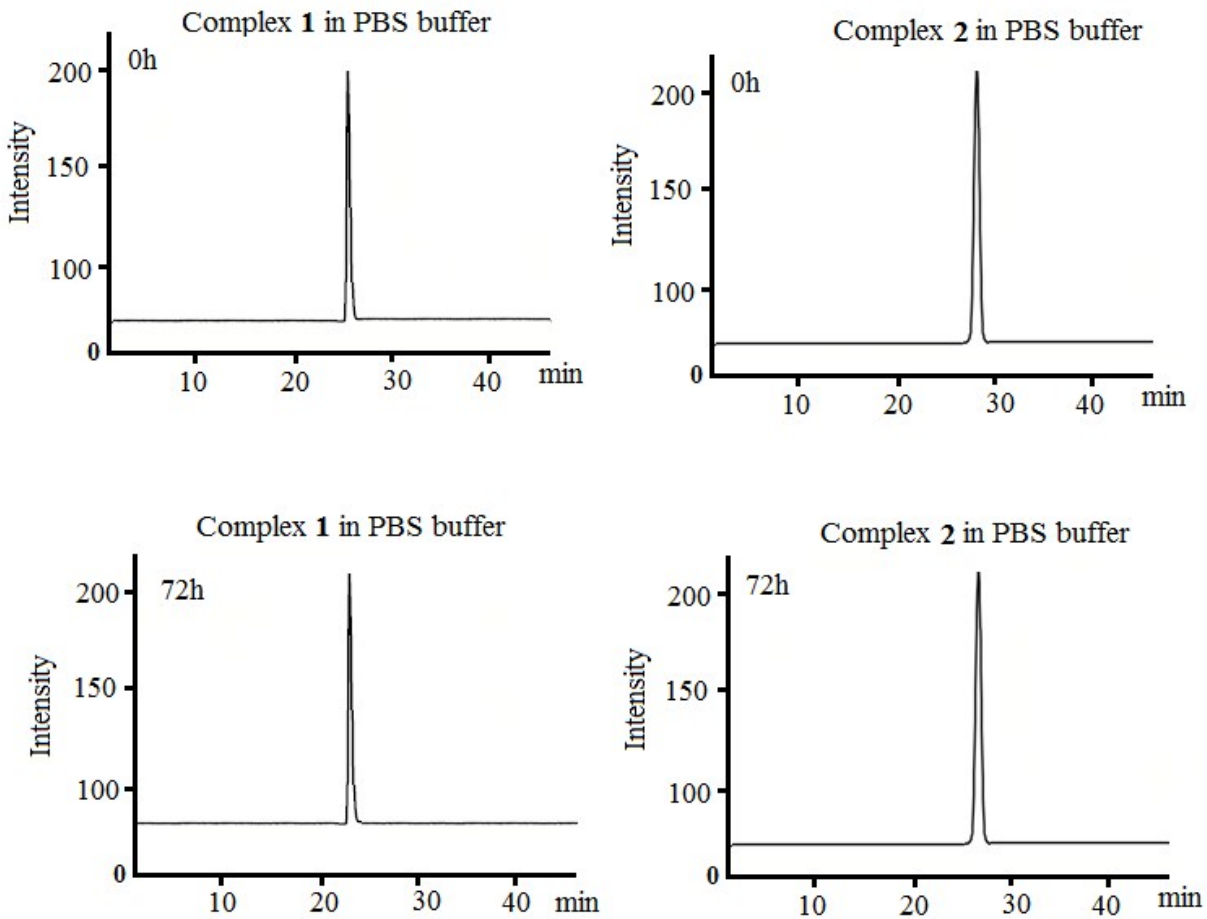


Fig. S13. HPLC of the complexes 1 and 2 in freshly prepared PBS buffer/5% DMSO solution recorded after 3 minutes (bottom) and after 72 h of incubation time at 37 °C.

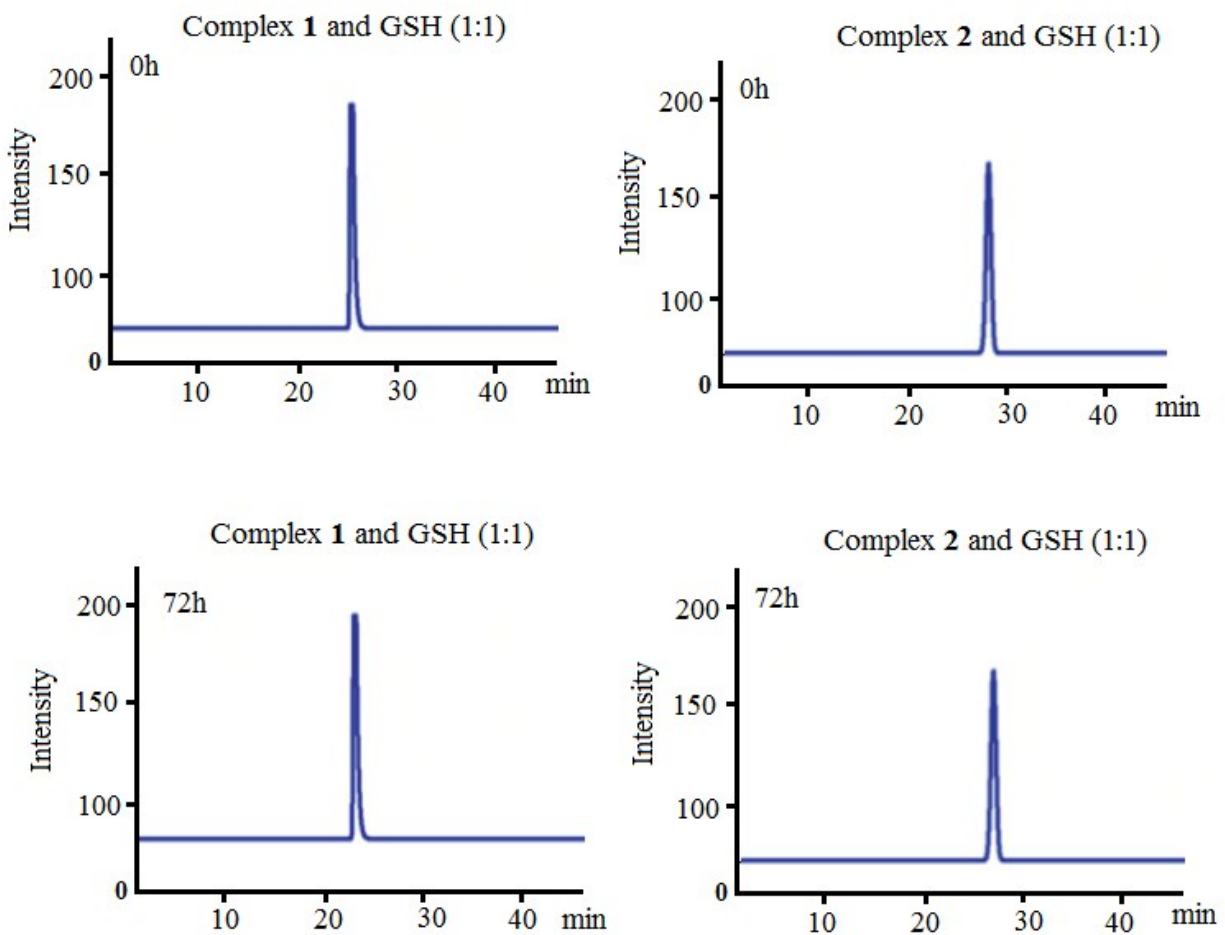


Fig. S14. HPLC of the complex 1 or 2: Glutathione (GSH) (1:1) in freshly prepared PBS buffer/5% DMSO solution recorded after 3 minutes (bottom) and after 72 h of incubation time at 37 °C.

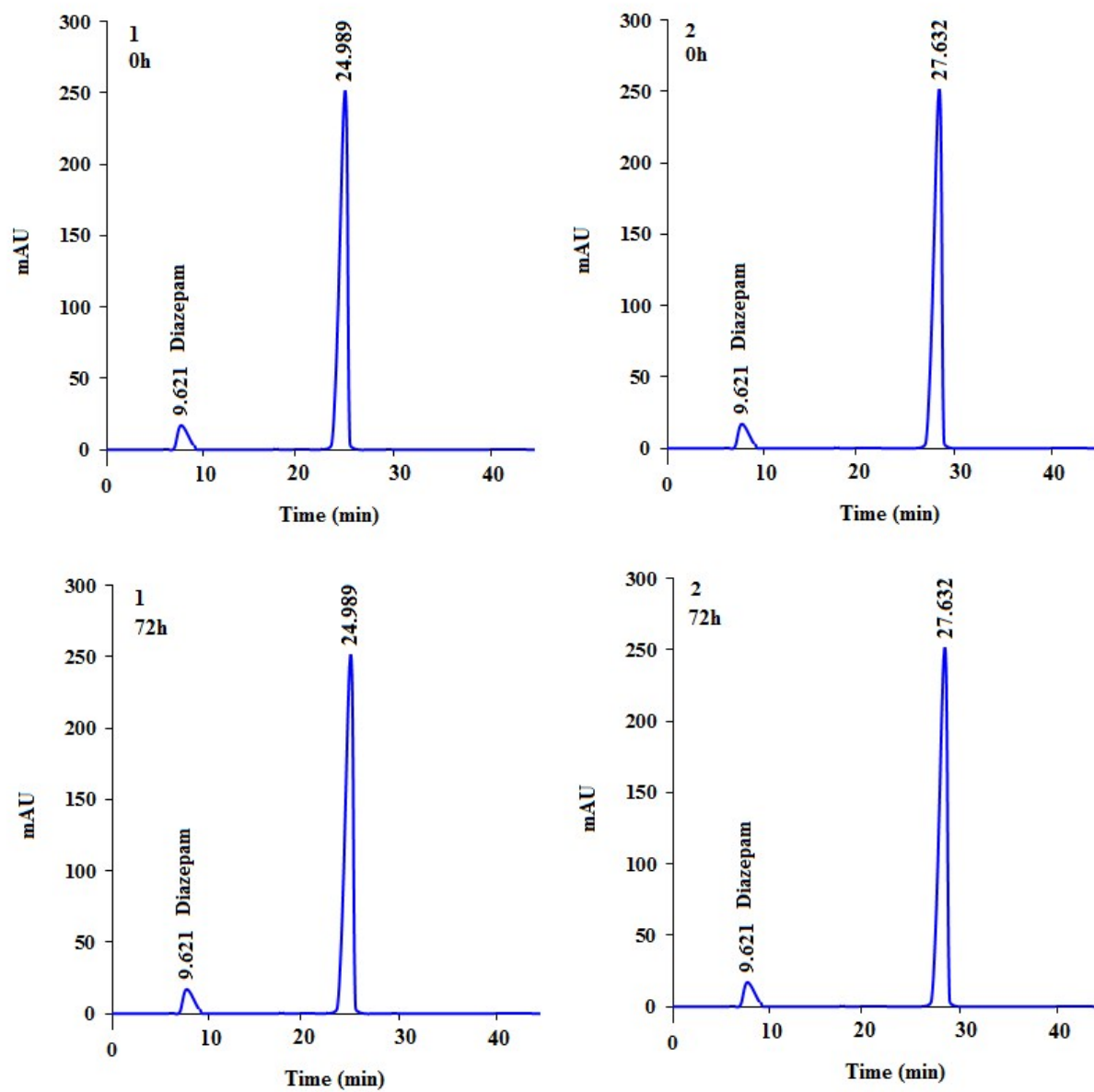


Fig. S15. LC-UV traces of plasma incubated with complexes **1** and **2** (20 μ M, 37 $^{\circ}$ C) at $t = 0$ and 72 h. (Diazepam was used as internal standard).