Supporting Information

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

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Fig. S1. $^1$H NMR spectrum of complex 1 (DMSO-$d_6$).
Fig. S2. $^1$H NMR spectrum of complex 2 (DMSO-$d_6$).
Fig. S3. $^{13}$C NMR spectrum of complex 1 (DMSO-$d_6$).
Fig. S4. $^{13}$C NMR spectrum of complex 2 (DMSO-$d_6$).
Fig. S5. $^{31}$P $^{1}{\text{H}}$ NMR spectrum of complex 1 (DMSO-$d_6$).
Fig. S6. $^{31}\text{P}$ {$^1\text{H}$} NMR spectrum of complex 2 (DMSO-$d_6$).
Fig. S7. TOF MS spectrum of complex 1.
Fig. S8. TOF MS spectrum of complex 2.
Fig. S9. $^1$H NMR spectrum of complex 1 in DMSO-$d_6$ solution at 37 °C after 3 minutes (bottom) and after 72 h incubation (top).
**Fig. S10.** $^1$H NMR spectrum of complex 1 from a 1:1 mixture (DMSO-$d_6$):D$_2$O solution at 37 °C after 3 minutes (bottom) and after 72 h incubation (top).
Fig. S11. $^1$H NMR spectrum of complex 2 in DMSO-$d_6$ solution at 37 °C after 3 minutes (bottom) and after 72 h incubation (top).
**Fig. S12.** $^1$H NMR spectrum of complex 2 from a 1:1 mixture (DMSO-$d_6$):D$_2$O solution at 37 °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 μM, 37 °C) at t = 0 and 72 h. (Diazepam was used as internal standard).