

Biological Activity of NHC-Gold-Alkyne Complexes Derived from 3-hydroxyflavones

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Figure S17. UV-Vis spectra of gold complexes recorded at different times under physiological conditions.

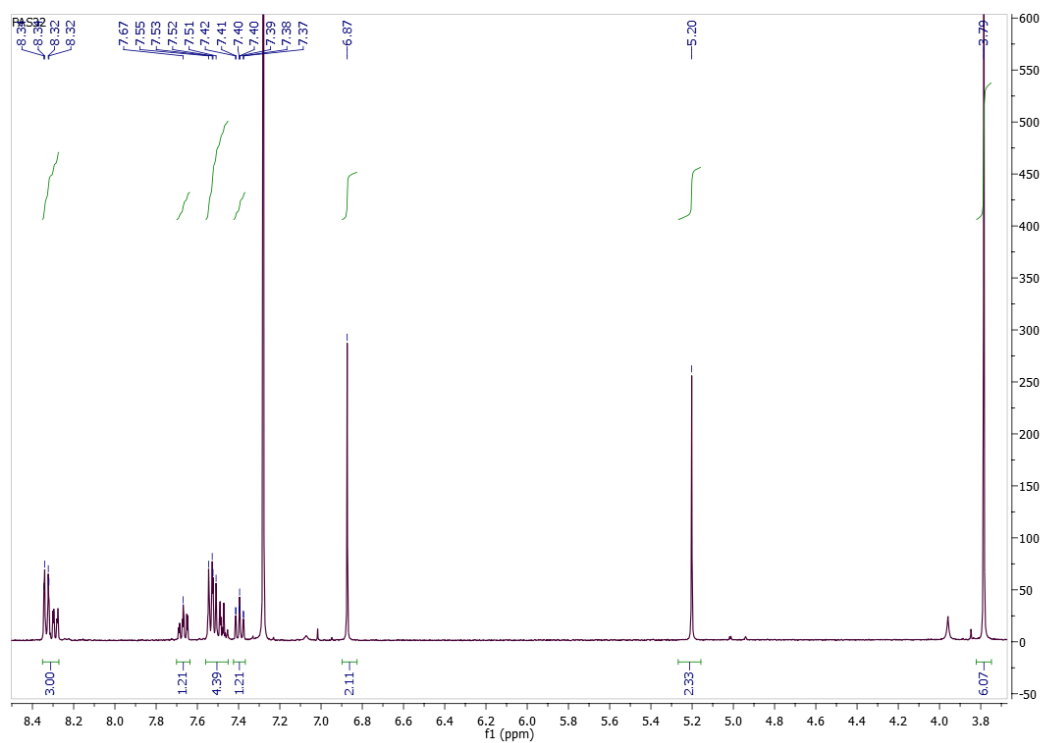


Figure S1. 1H NMR spectrum of $[Au(La)(lMe)]$ (R = H) (**1**) in $CDCl_3$

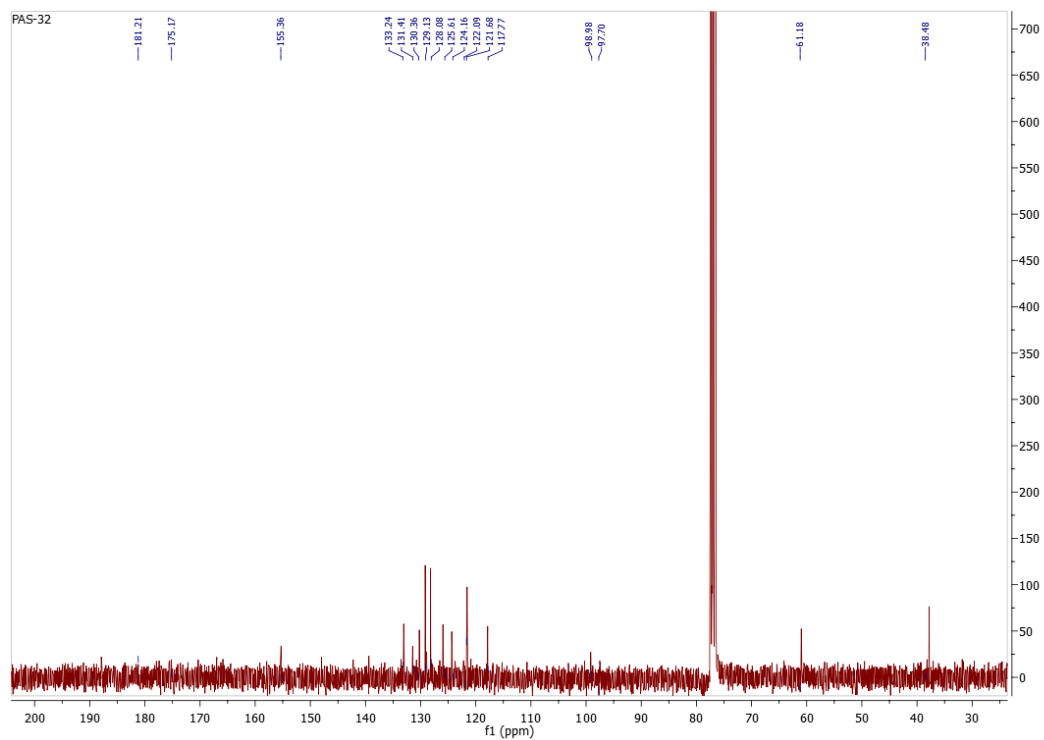


Figure S2. $^{13}C\{^1H\}$ NMR spectrum of $[Au(La)(lMe)]$ (R = H) (**1**) in $CDCl_3$

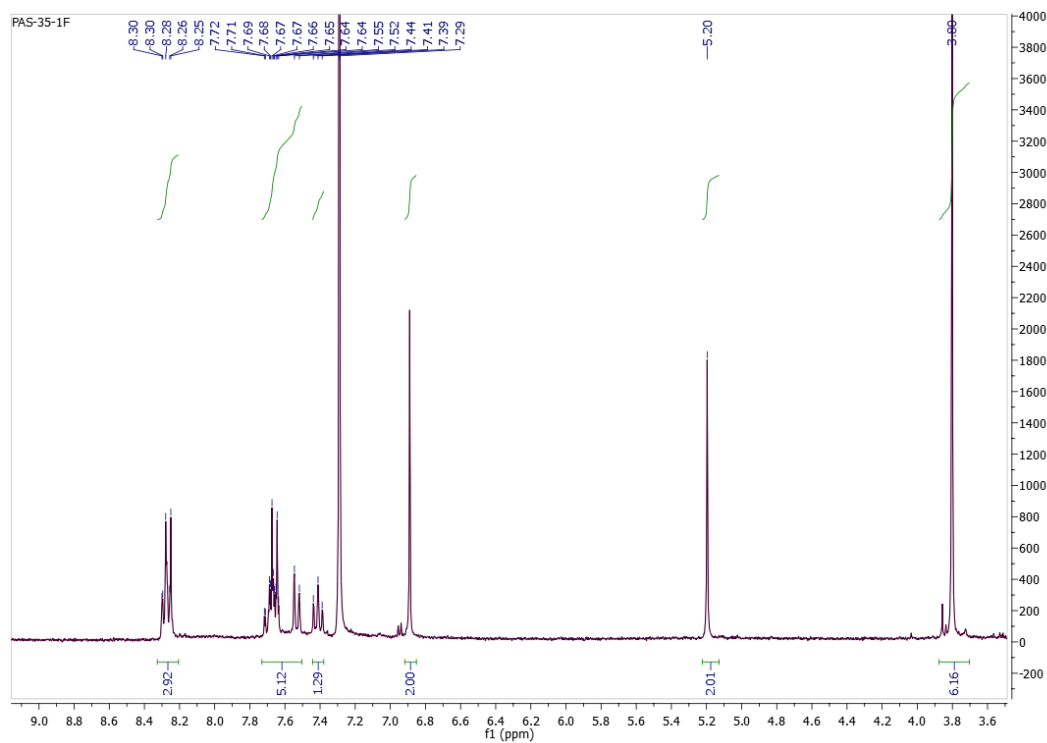


Figure S3. 1H NMR spectrum of $[Au(Lb)(lMe)]$ (R = Br) (**2**) in $CDCl_3$

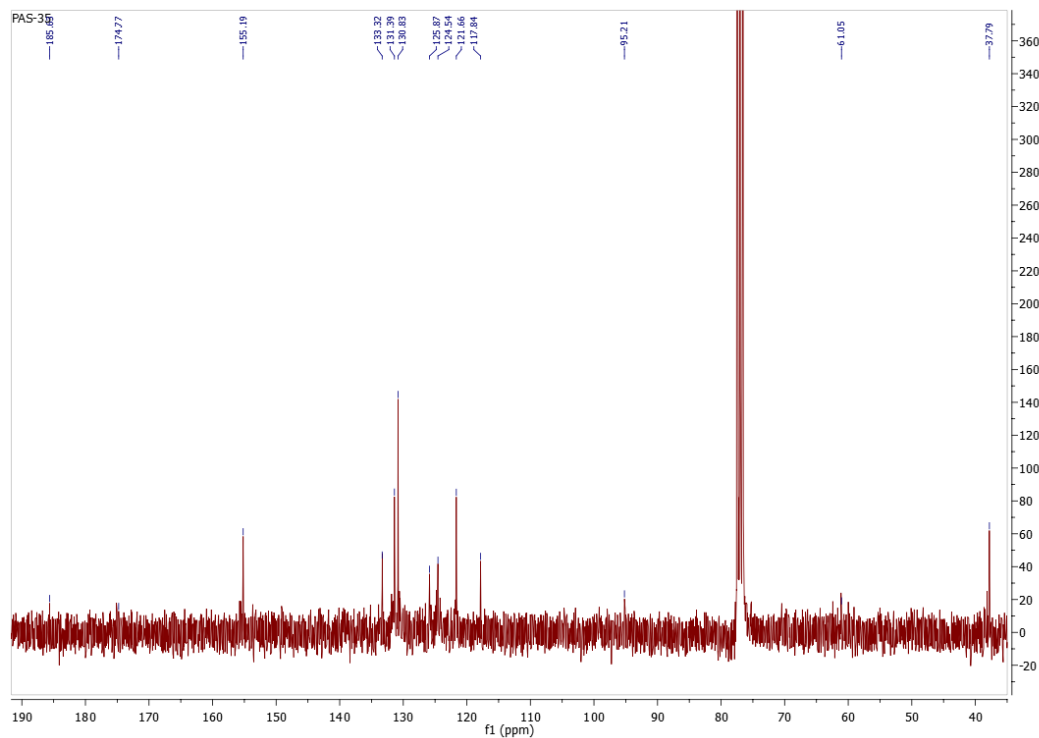


Figure S4. $^{13}C\{^1H\}$ NMR spectrum of $[Au(Lb)(lMe)]$ (R = Br) (**2**) in $CDCl_3$

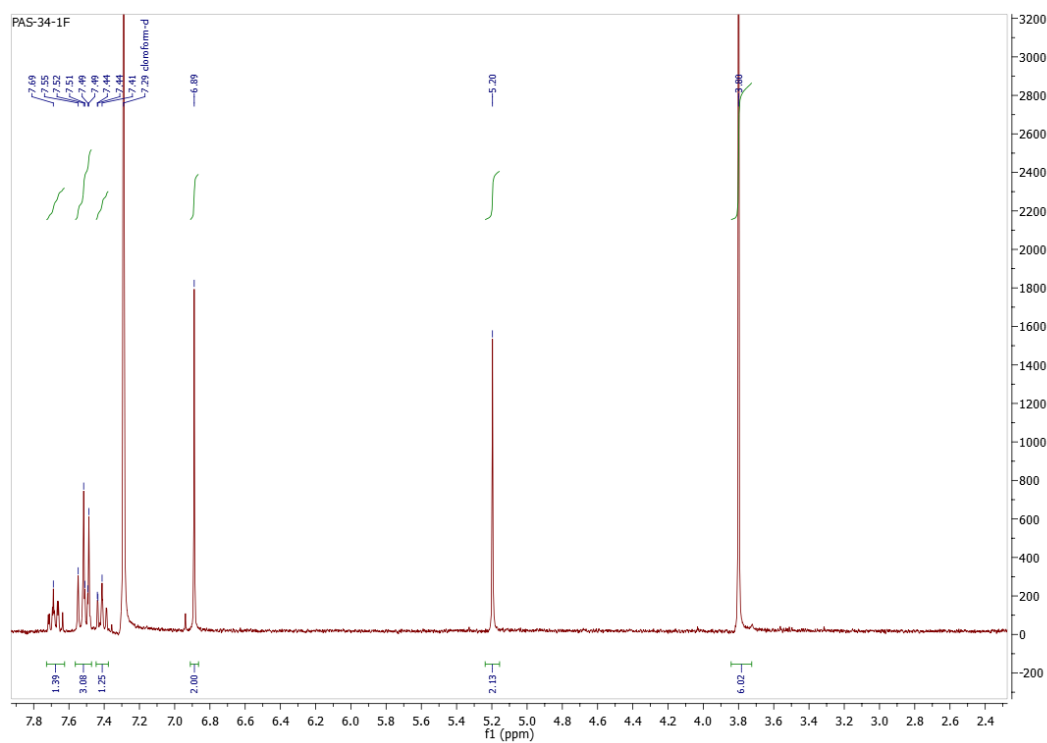


Figure S5. ^1H NMR spectrum of $[\text{Au}(\text{Lc})(\text{lMe})]$ ($\text{R} = \text{Cl}$) (**3**) in CDCl_3

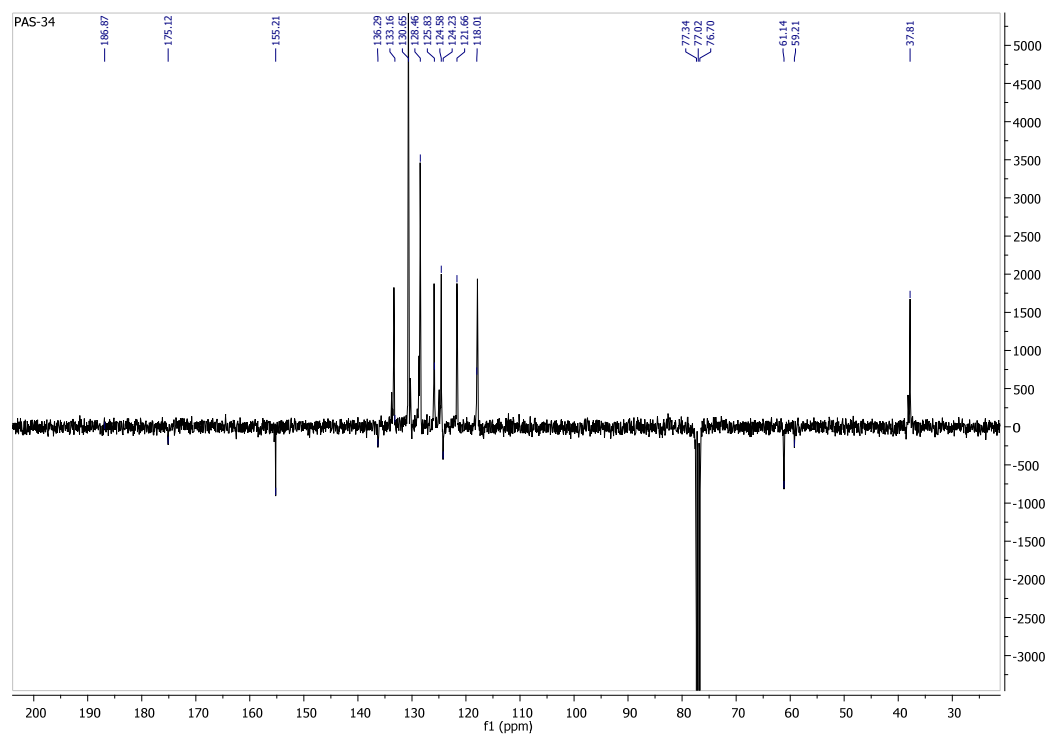


Figure S6. $^{13}\text{C}\{^1\text{H}\}$ -APT NMR spectrum of $[\text{Au}(\text{Lc})(\text{lMe})]$ ($\text{R} = \text{Cl}$) (**3**) in CDCl_3

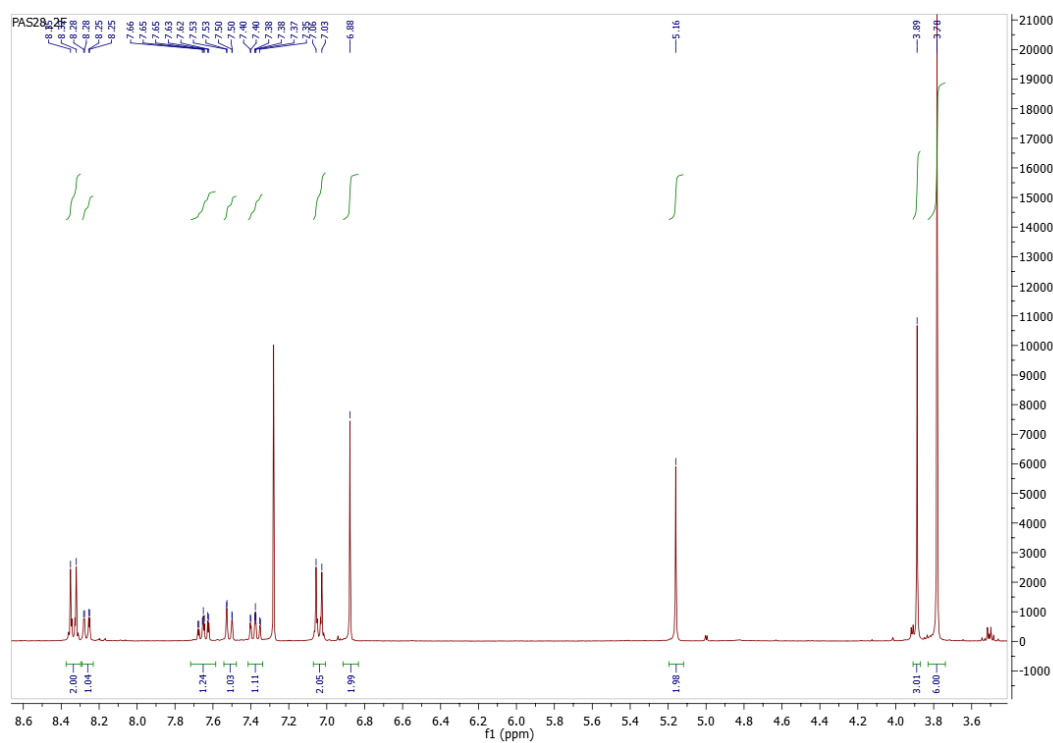


Figure S7. ^1H NMR spectrum of $[\text{Au}(\text{Ld})(\text{IMe})]$ ($\text{R} = \text{OMe}$) (**4**) in CDCl_3

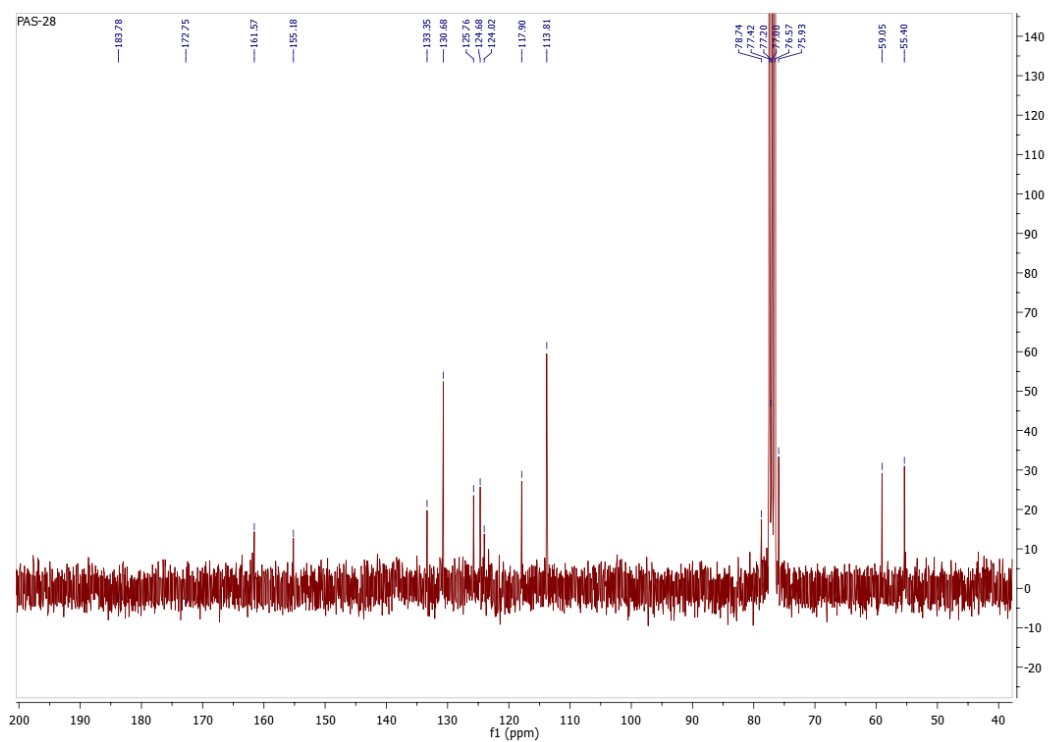


Figure S8. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of $[\text{Au}(\text{Ld})(\text{IMe})]$ ($\text{R} = \text{OMe}$) (**4**) in CDCl_3

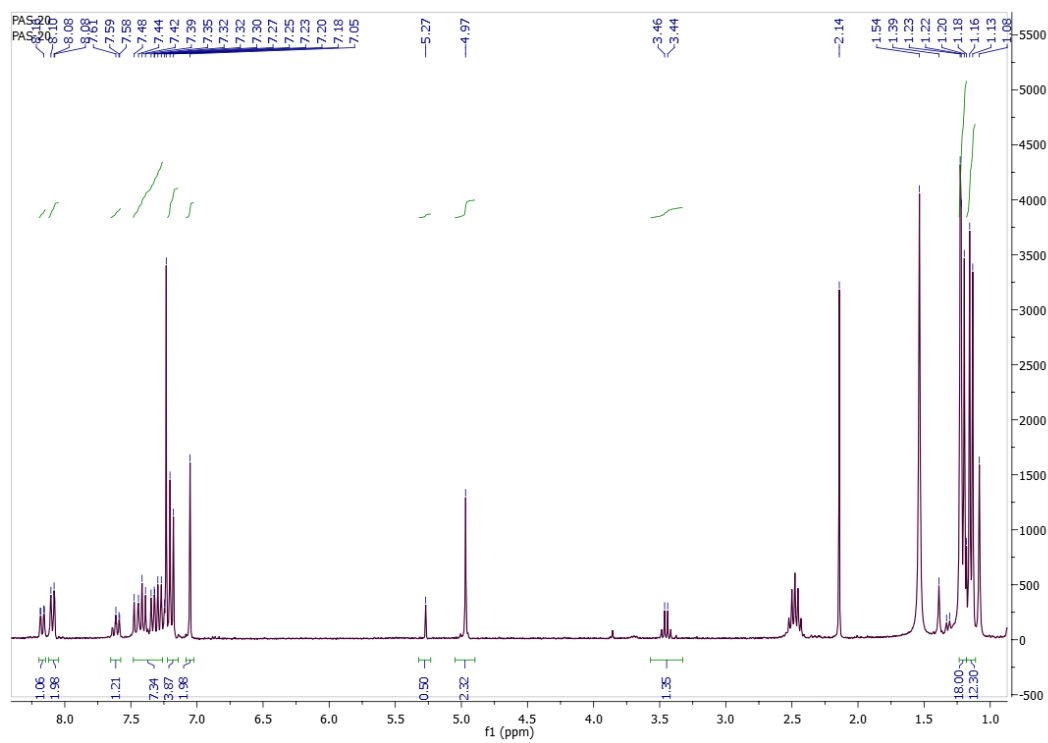


Figure S9. 1H NMR spectrum of $[Au(La)(IPr)]$ (R = H) (5) in $CDCl_3$

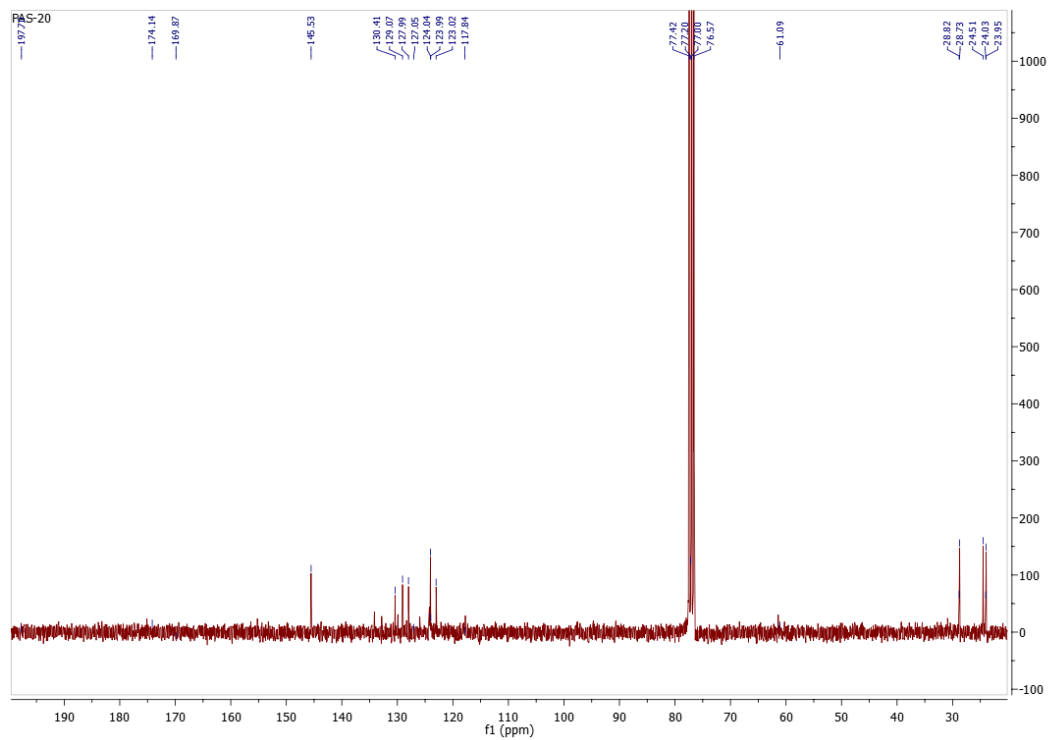


Figure S10. ^{13}C NMR spectrum of $[Au(La)(IPr)]$ (R = H) (5) in $CDCl_3$

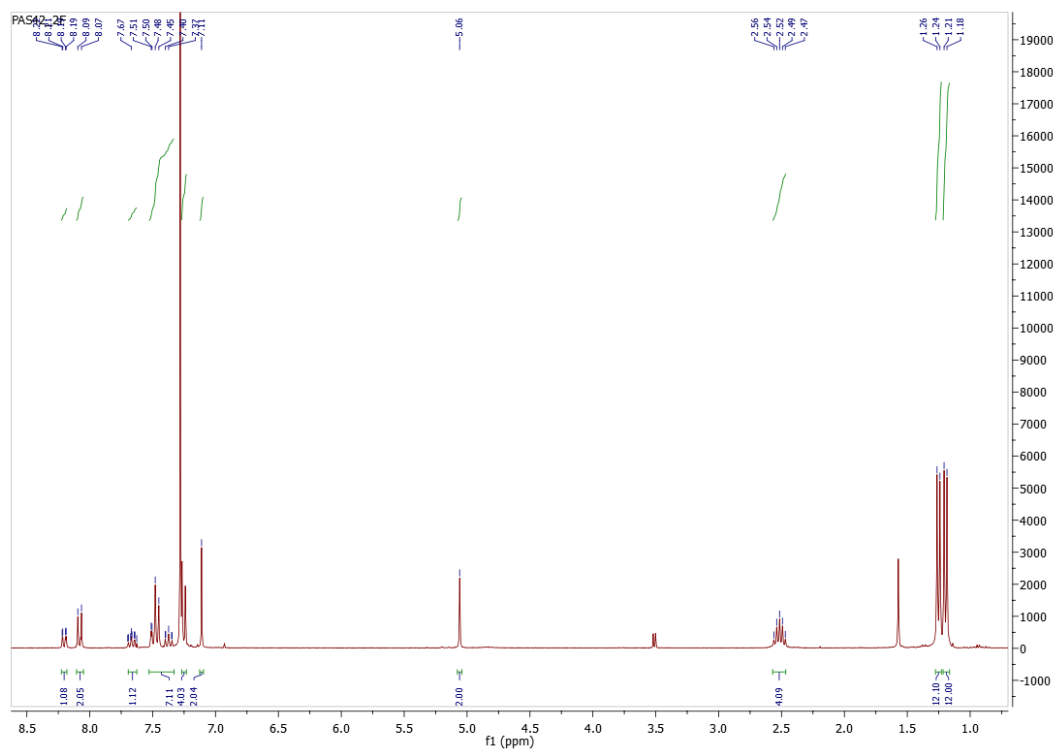


Figure S11. 1H NMR spectrum of $[Au(Lb)(IPr)]$ (R = Br) (**6**) in $CDCl_3$

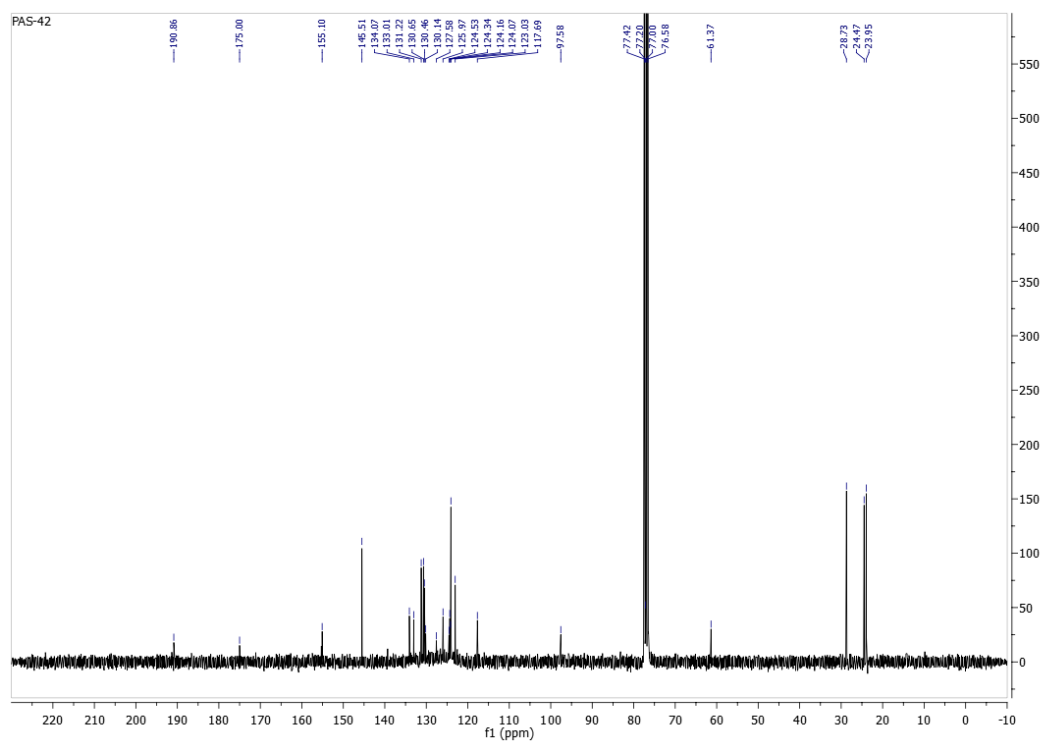


Figure S12. $^{13}C\{^1H\}$ NMR spectrum of $[Au(Lb)(IPr)]$ (R = Br) (**6**) in $CDCl_3$

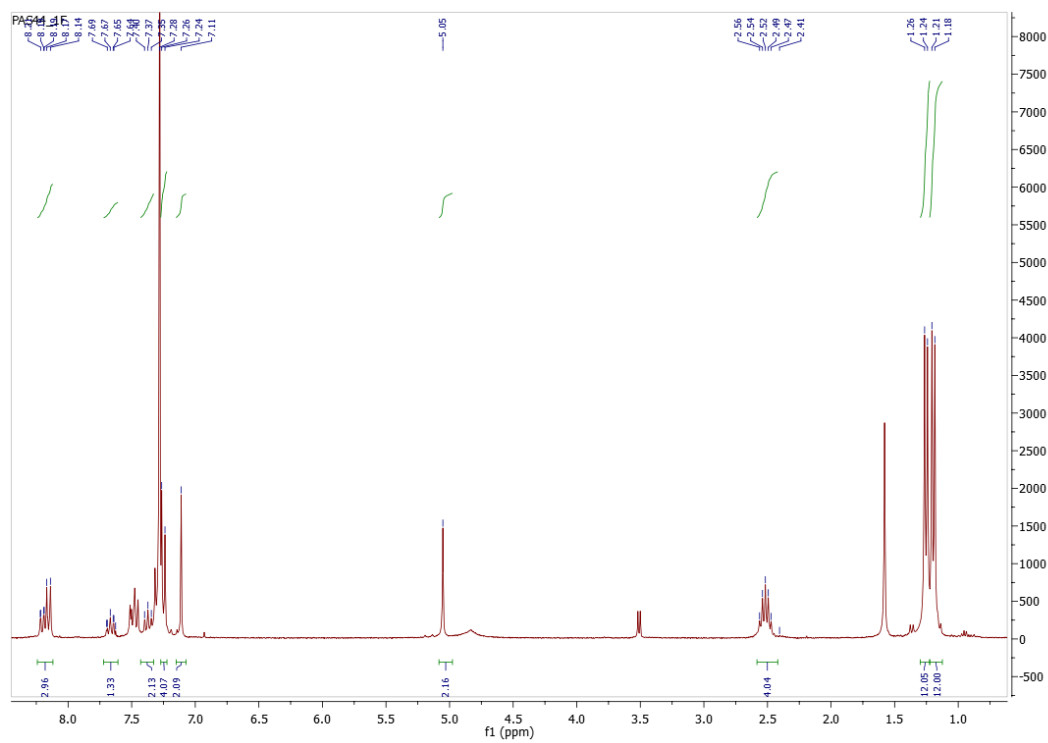


Figure S13. 1H NMR spectrum of $[Au(Lc)(IPr)]$ (R = Cl) (**7**) in $CDCl_3$

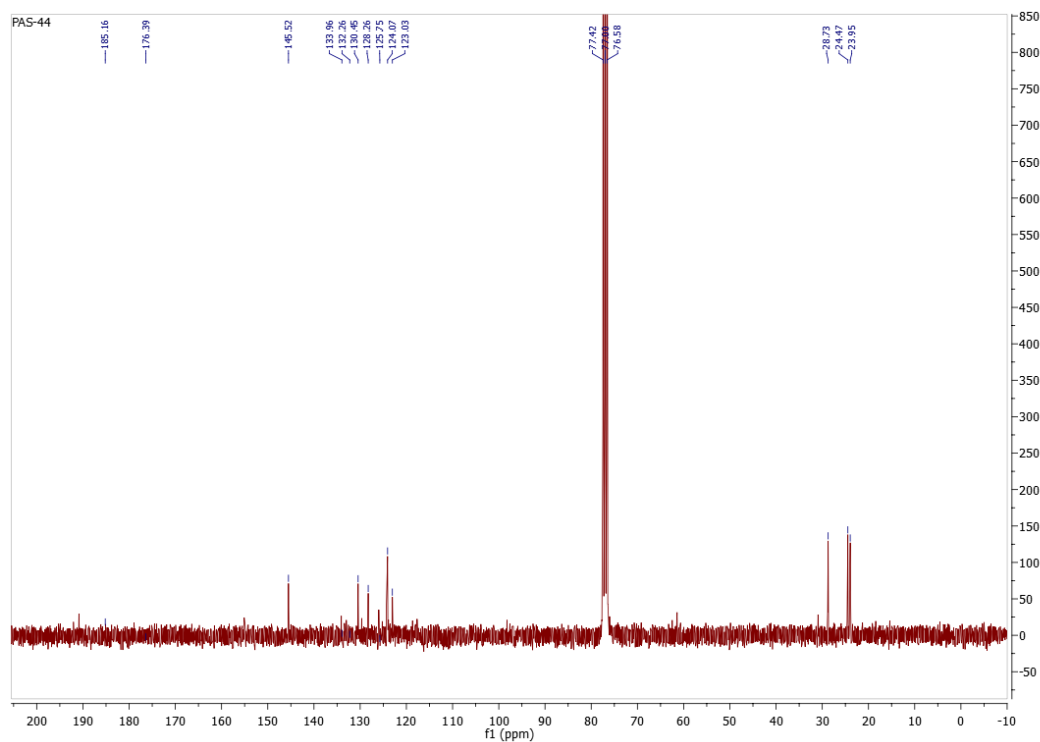


Figure S14. $^{13}C\{^1H\}$ NMR spectrum of $[Au(Lc)(IPr)]$ (R = Cl) (**7**) in $CDCl_3$

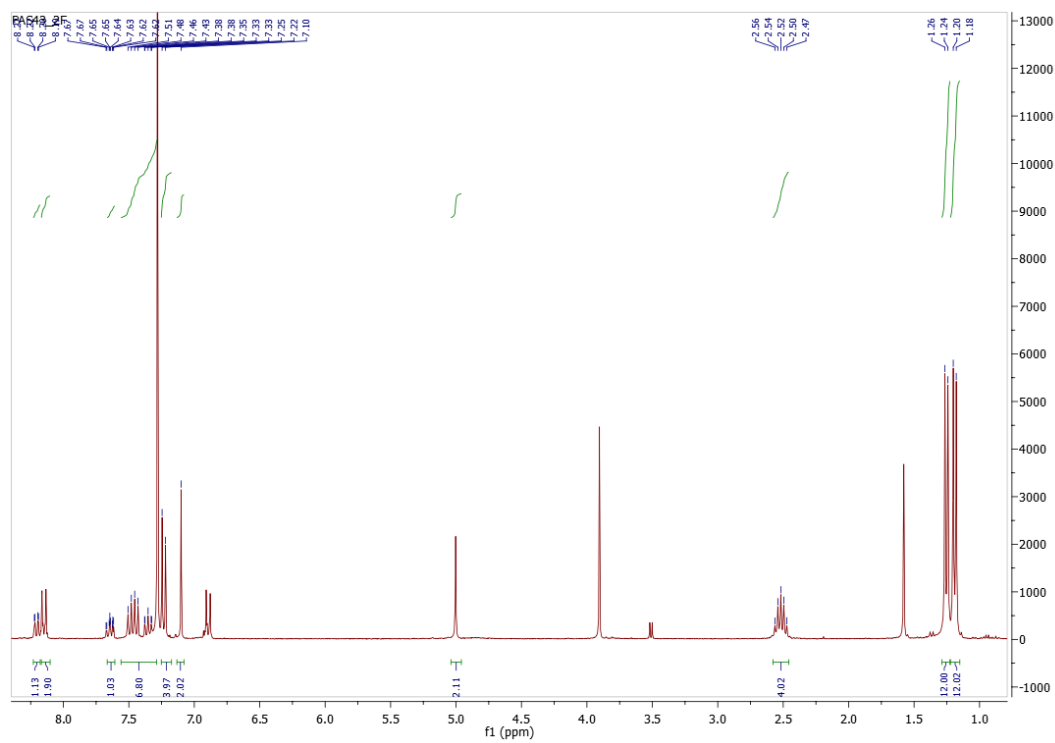


Figure S15. 1H NMR spectrum of $[Au(Ld)(IPr)]$ (R = OMe) (**8**) in $CDCl_3$

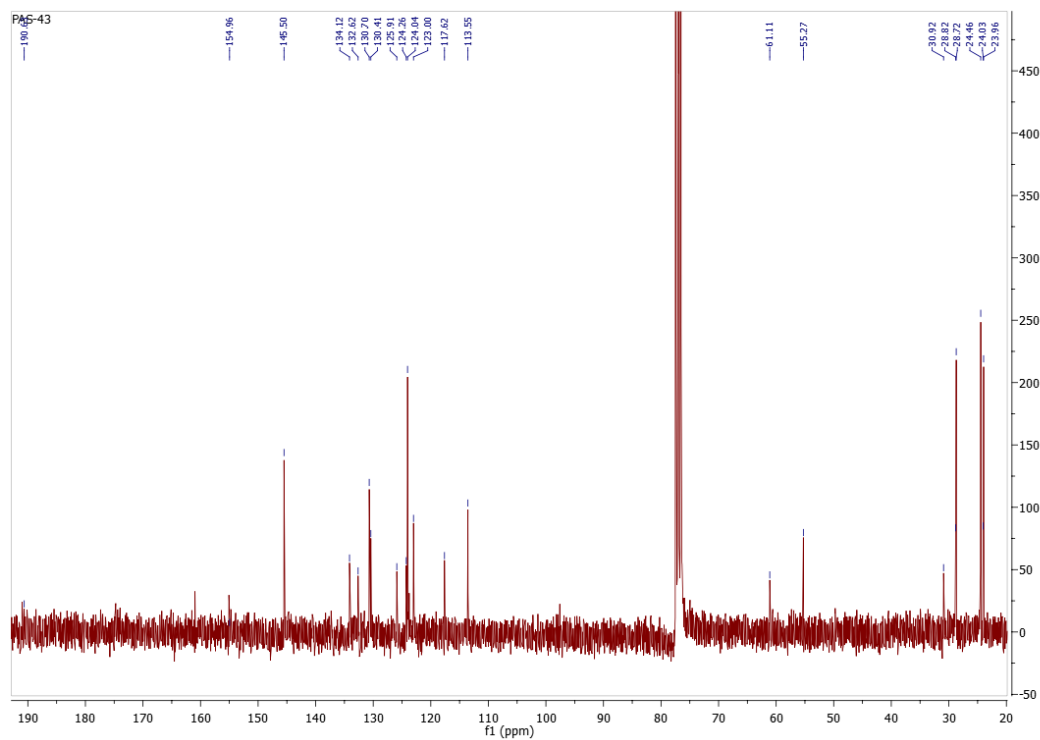


Figure S16. $^{13}C\{^1H\}$ NMR spectrum of $[Au(Ld)(IPr)]$ (R = OMe) (**8**) in $CDCl_3$

Figure S17. UV-Vis spectra of gold complexes recorded at different times for 24 h to test their stability under physiological conditions. [complex] = $3 \cdot 10^{-5}$ M diluted in PBS at 37 °C.

