

Supporting Information

Gold(I) complexes of bisphosphines with bis(azol-1yl)methane backbone: Structure of a rare dinuclear gold(I) complex [(Au₂Cl){CH₂(1,2- C₃H₂N₂PPh₂)₃}]Cl

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NMR spectra of compounds 3–9

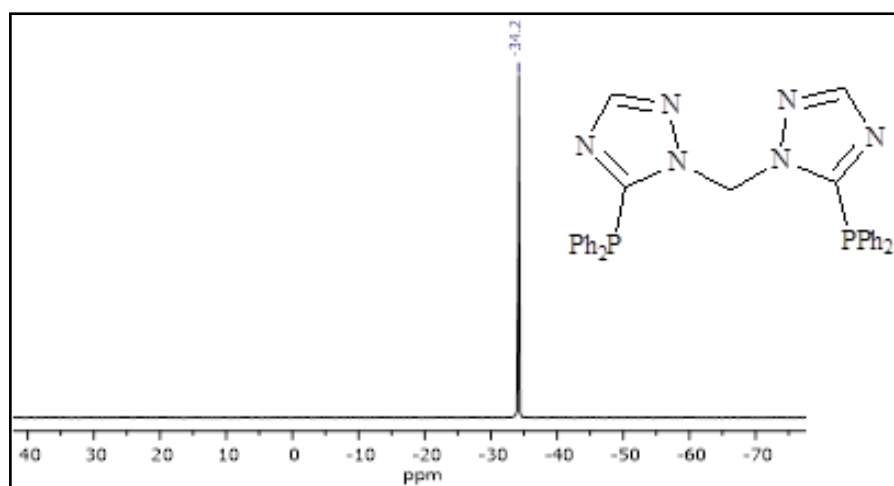


Figure S1. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **3**

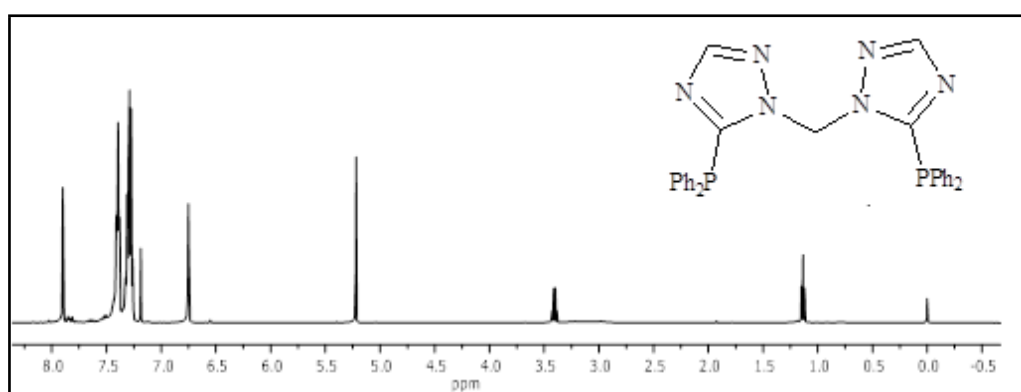


Figure S2. ^1H NMR spectrum of **3**

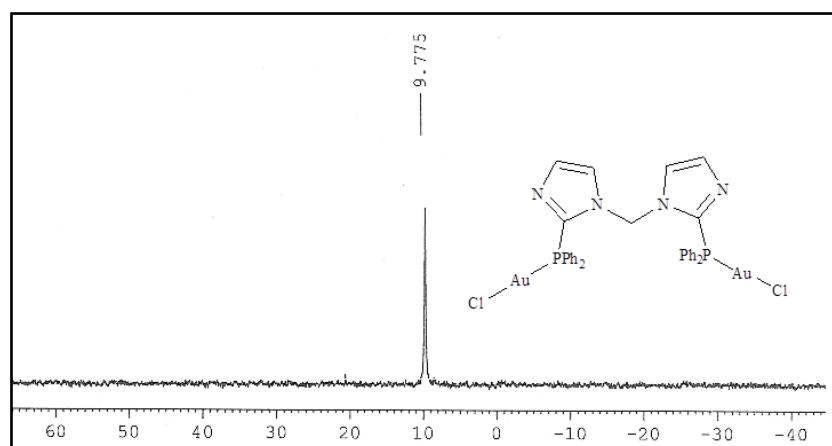


Figure S3. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **4**

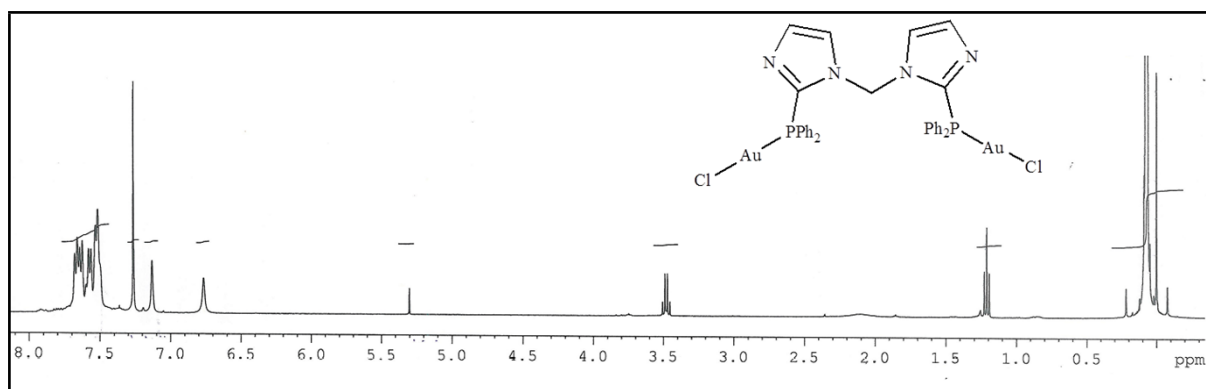


Figure S4. ^1H NMR spectrum of **4**

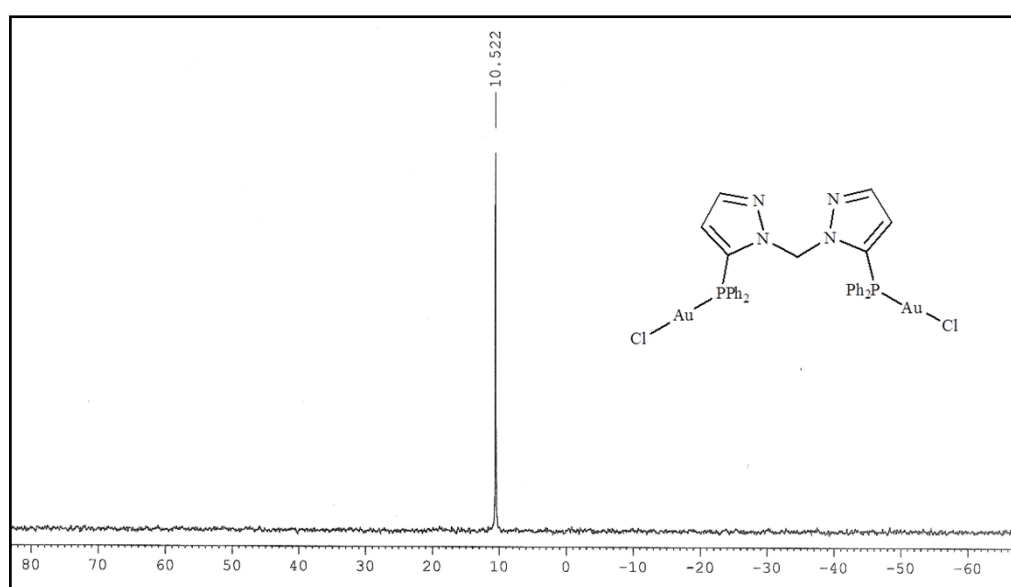


Figure S5. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **5**

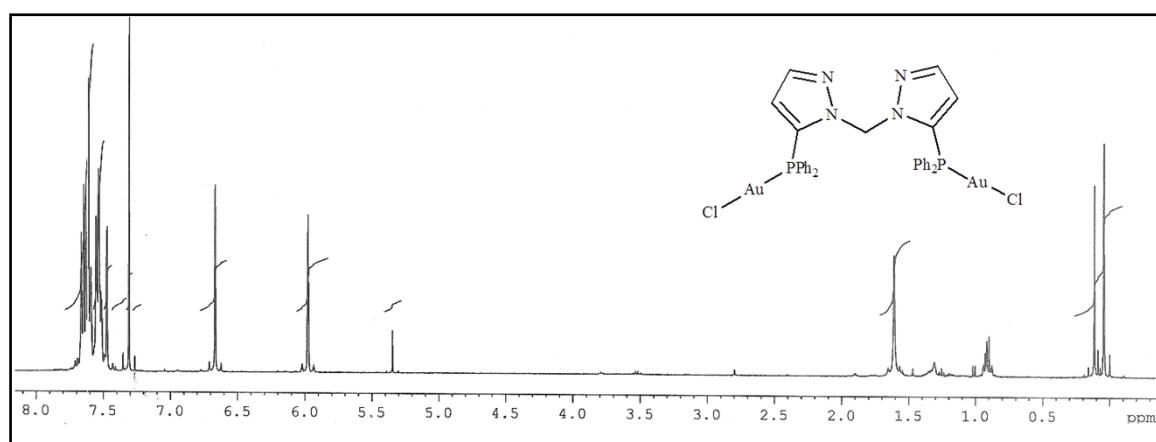


Figure S6. ^1H NMR spectrum of **5**

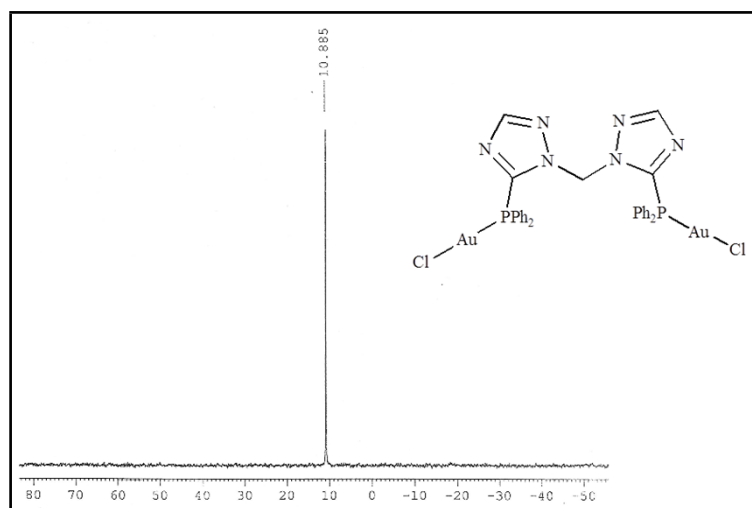


Figure S7. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **6**

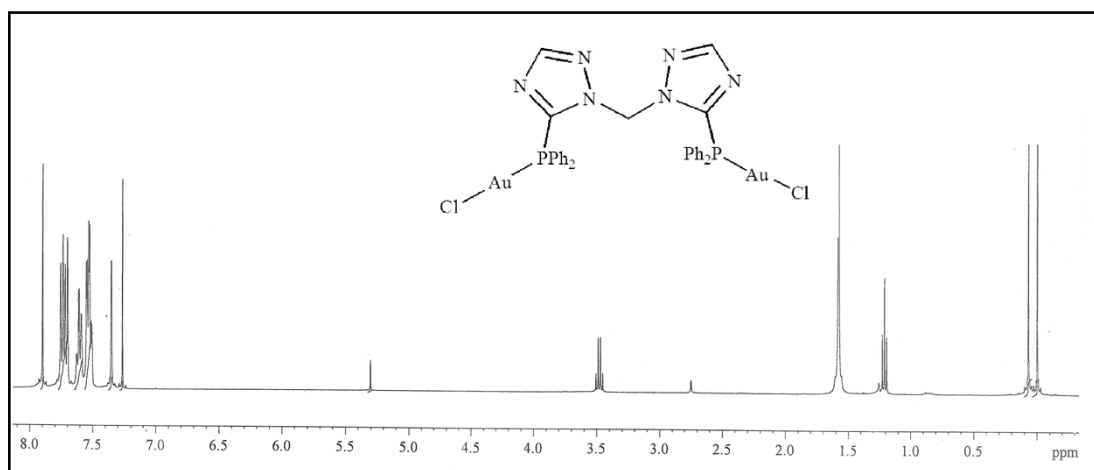


Figure S8. ^1H NMR spectrum of **6**

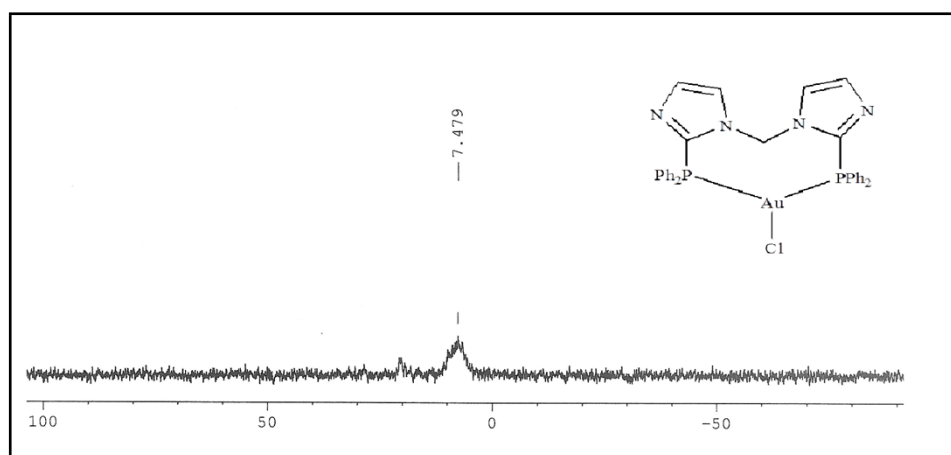


Figure S9. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **7**

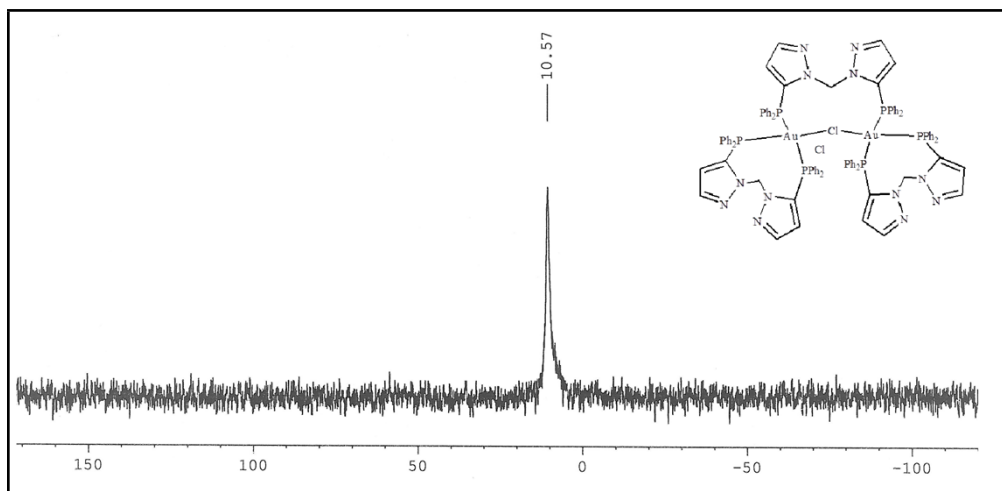


Figure S10. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **8**

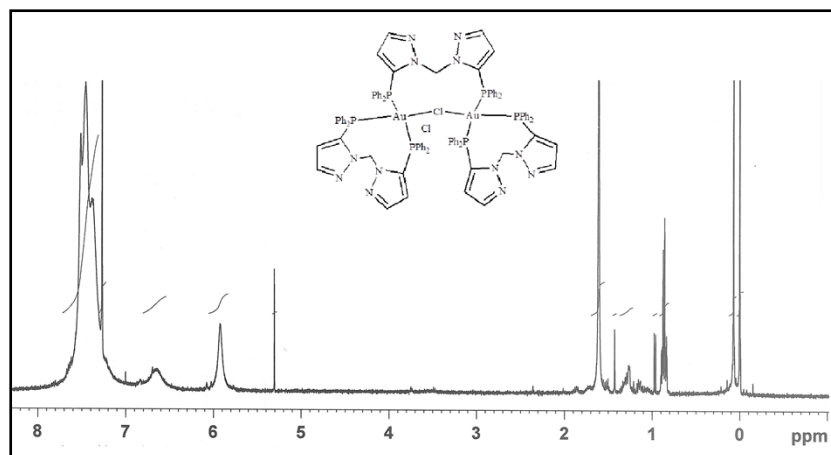


Figure S11. ^1H NMR spectrum of **8**

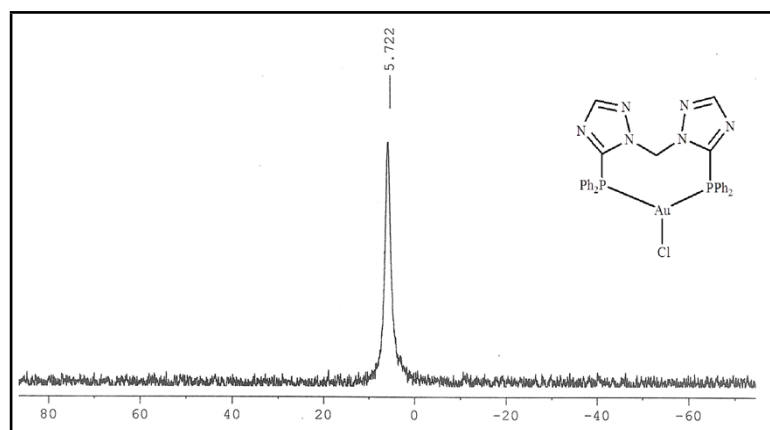


Figure S12. $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of **9**

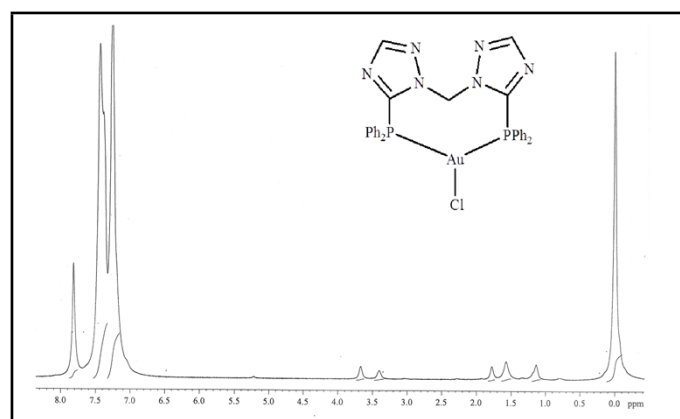


Figure S12. ^1H NMR spectrum of **9**