

Supplementary Information

Synthesis, characterization and cytotoxic activity of tioconazole coordination compounds with nickel(II), palladium(II) and platinum(II)

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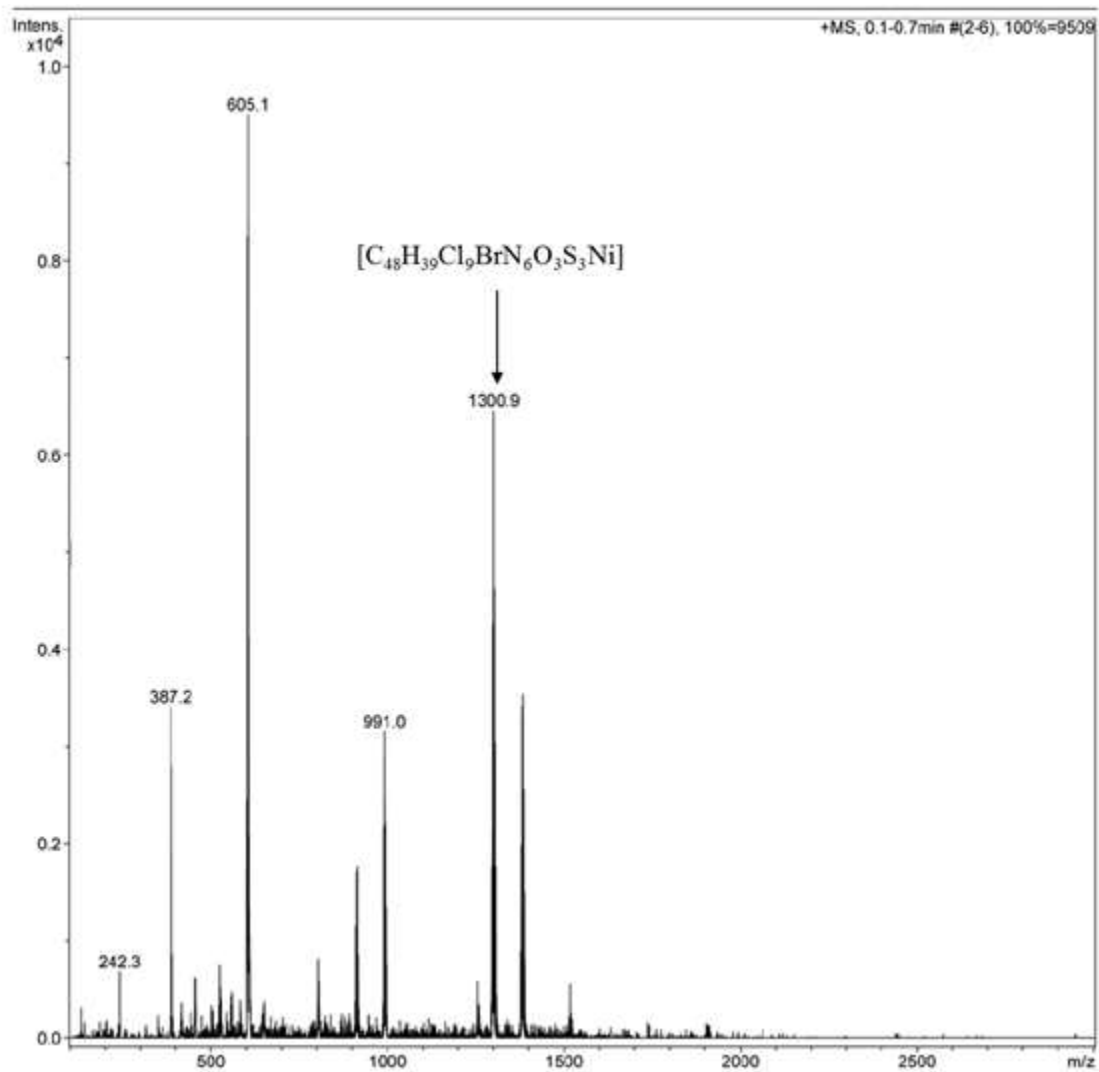


Figure S1. MS-ESI⁺ spectrum of [Ni(tcnz)₃Br₂(H₂O)] **1**.

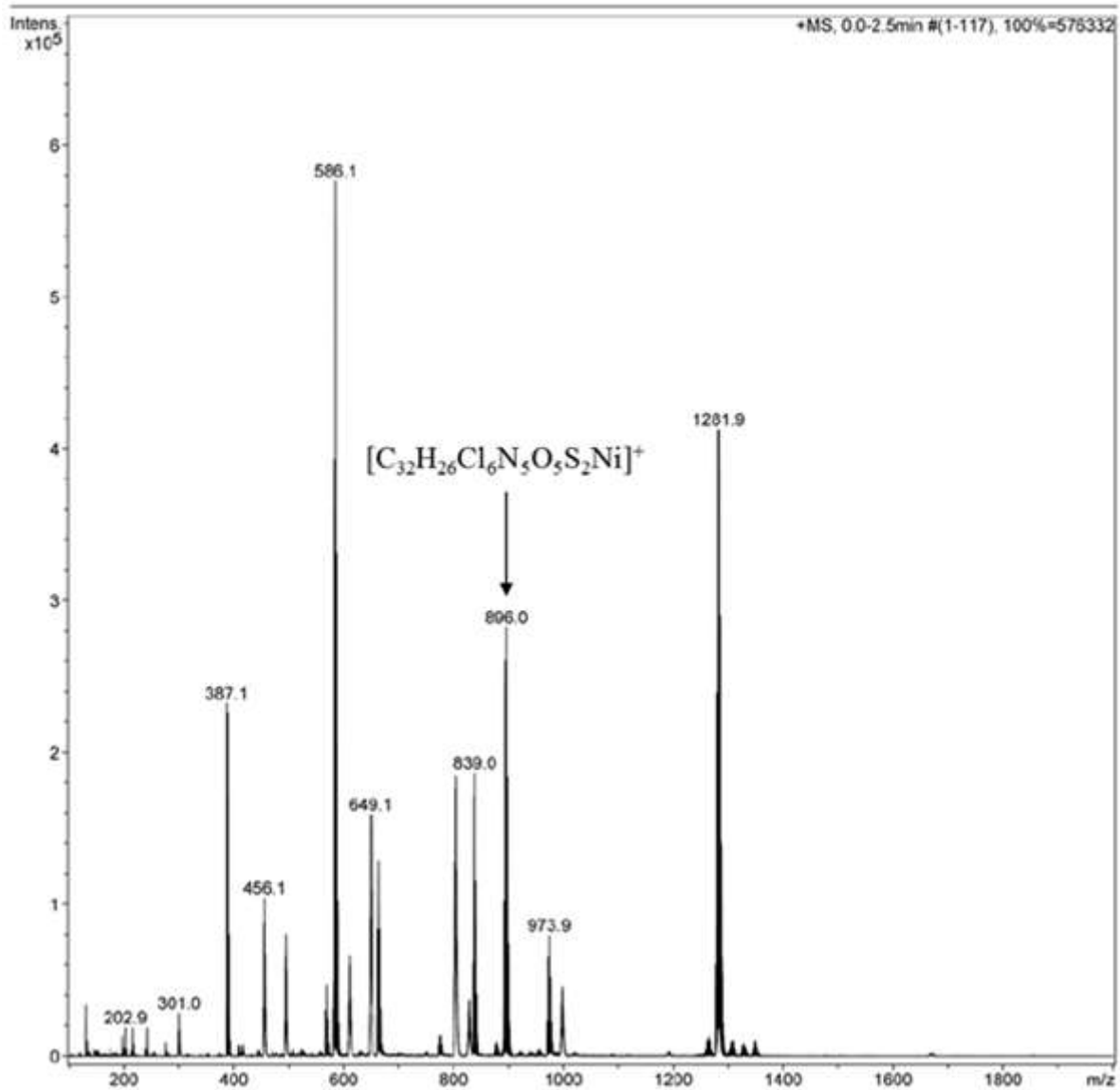


Figure S2. MS-ESI⁺ spectrum of $[Ni(tcnz)_2(NO_3)_2] \cdot H_2O$ **2**.

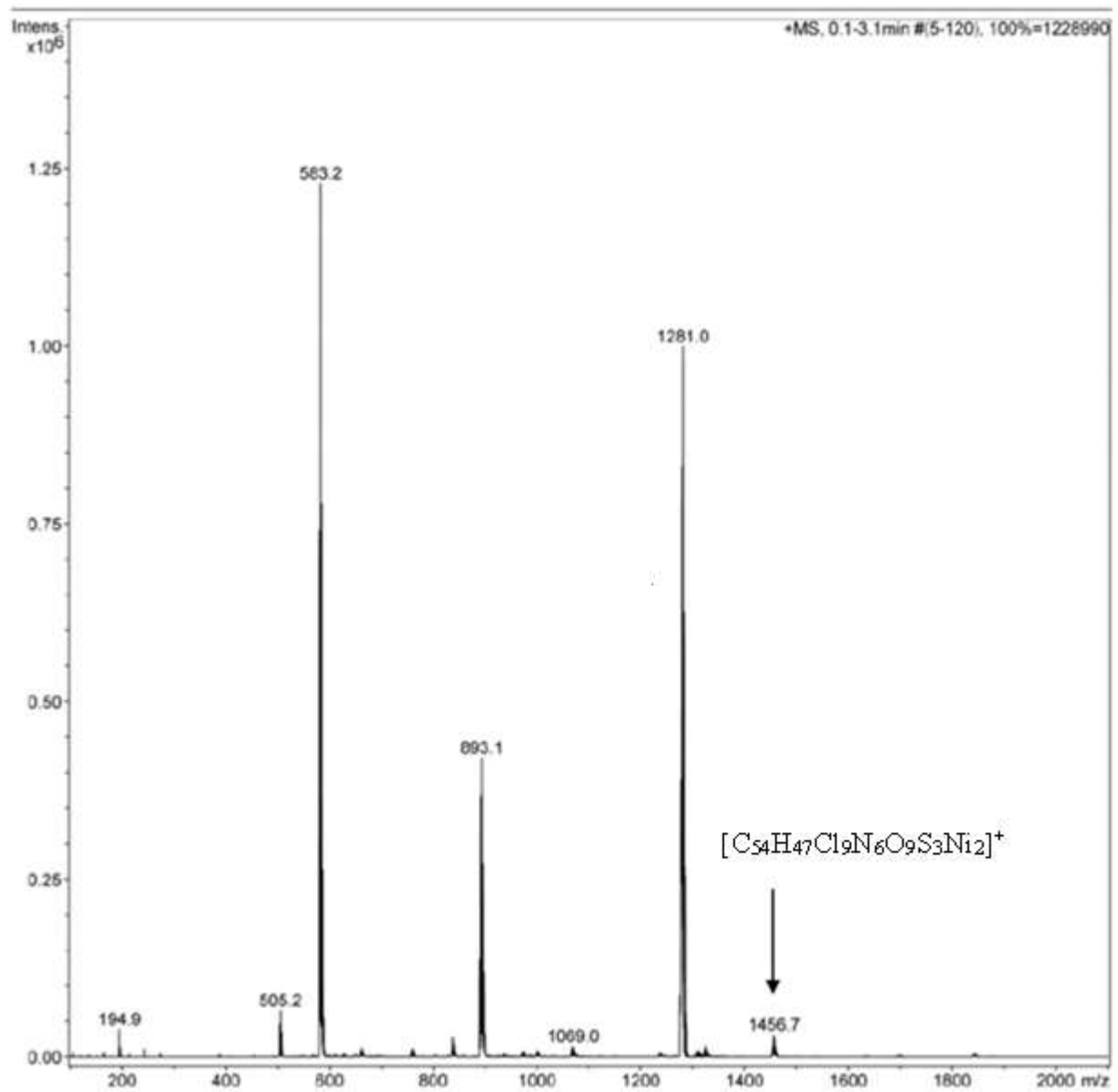


Figure S3. MS-ESI⁺ spectrum [Ni(tcnz)₂(OAc)₂]₂·3H₂O **3**.

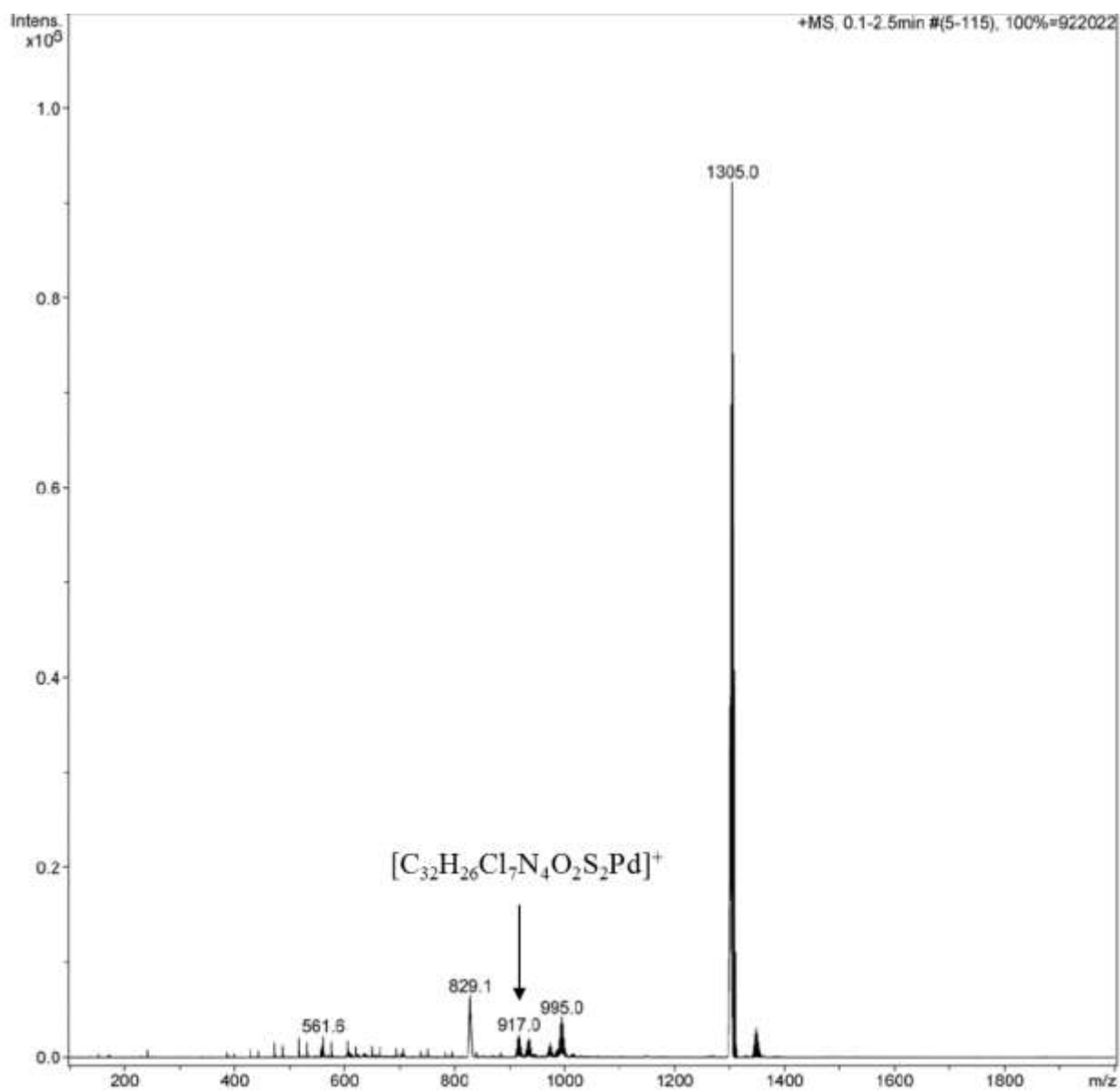


Figure S4. MS-ESI⁺ spectrum of [Pd(tcnz)₂Cl₂] **6**.

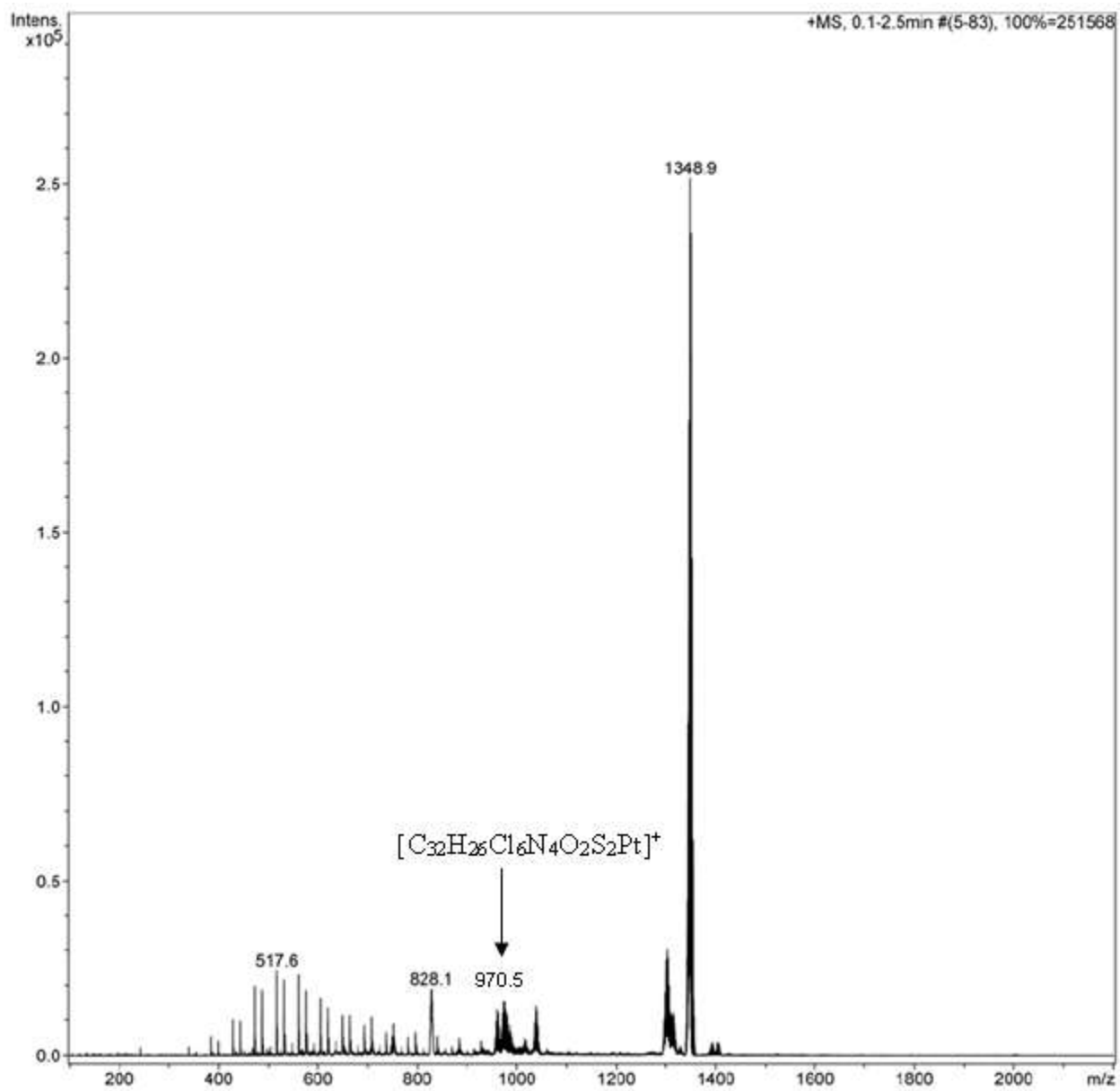


Figure S5. MS-ESI⁺ spectrum of [Pt(tcnz)₂Cl₂] \cdot 2H₂O **7**.

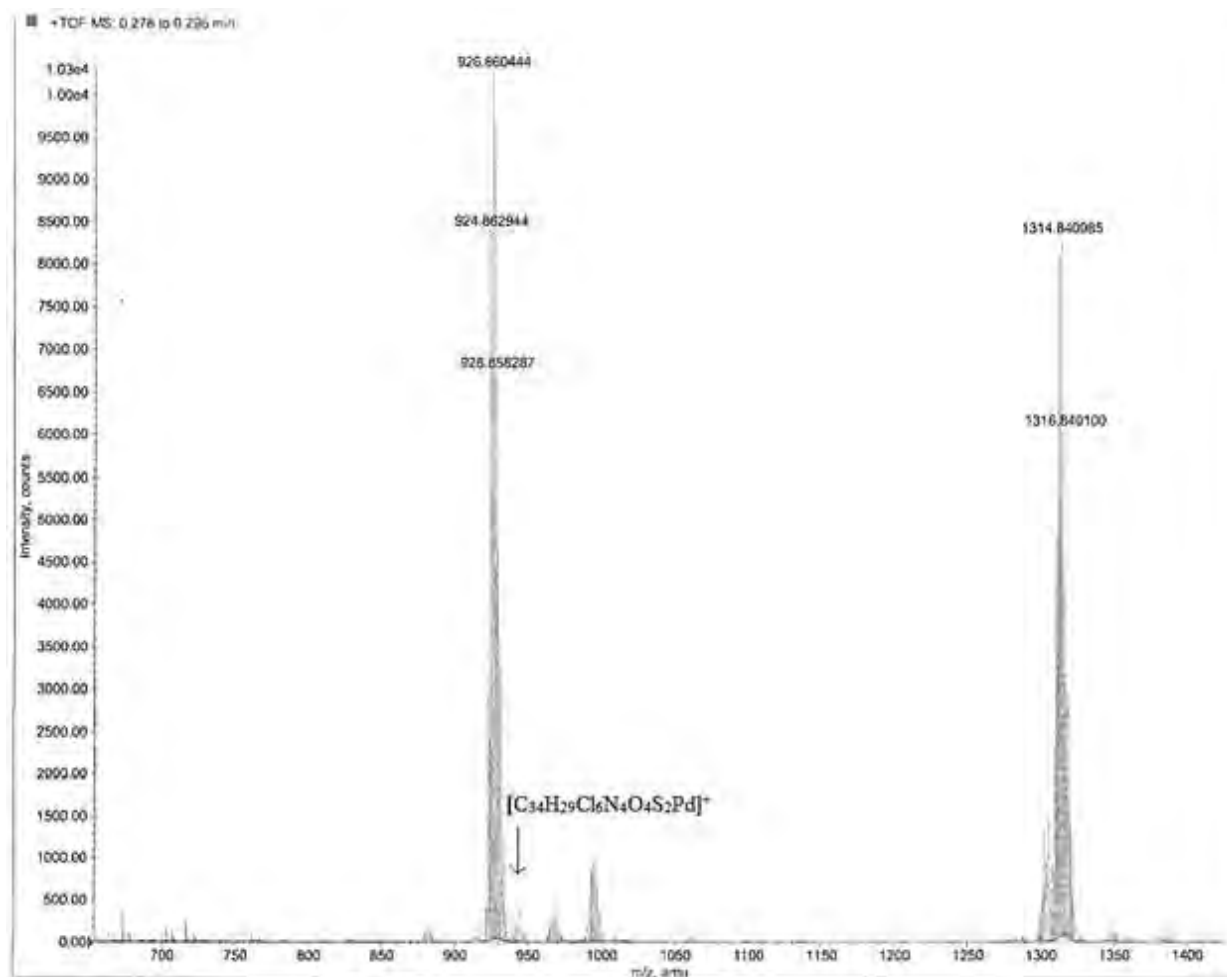


Figure S6. MS-TOF⁺ spectrum of $[Pd(tcnz)_2(OAc)_2]$ **8**.

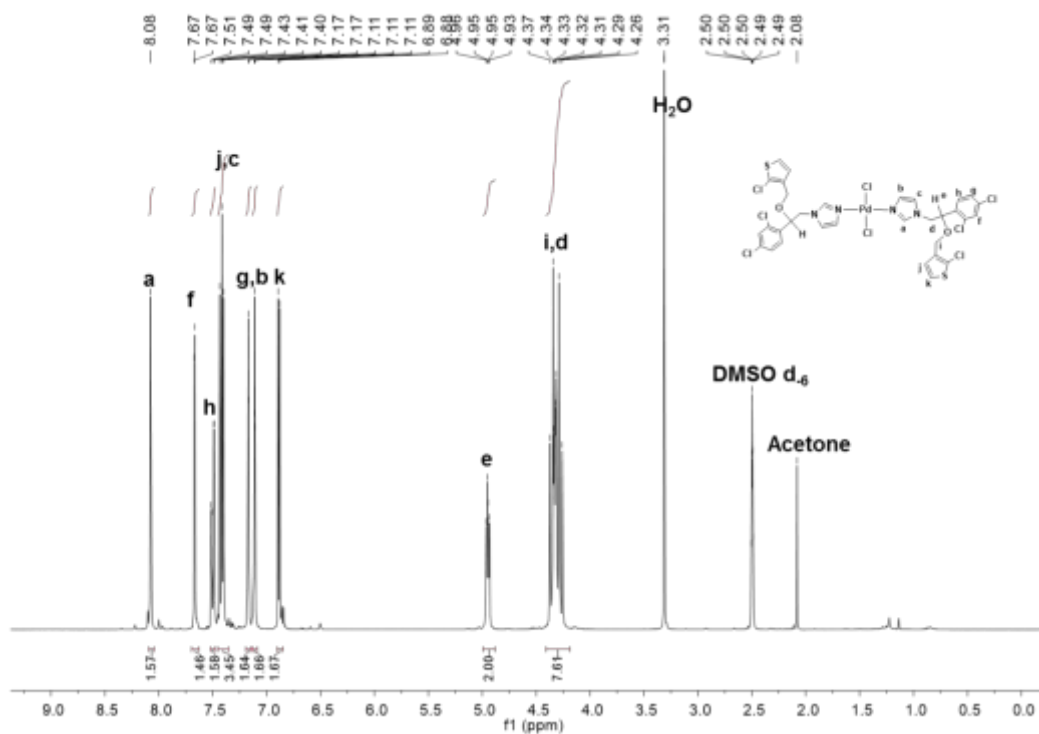


Figure S7. ¹H NMR spectrum of [Pd(tcnz)₂Cl₂] **6** in DMSO-d₆.

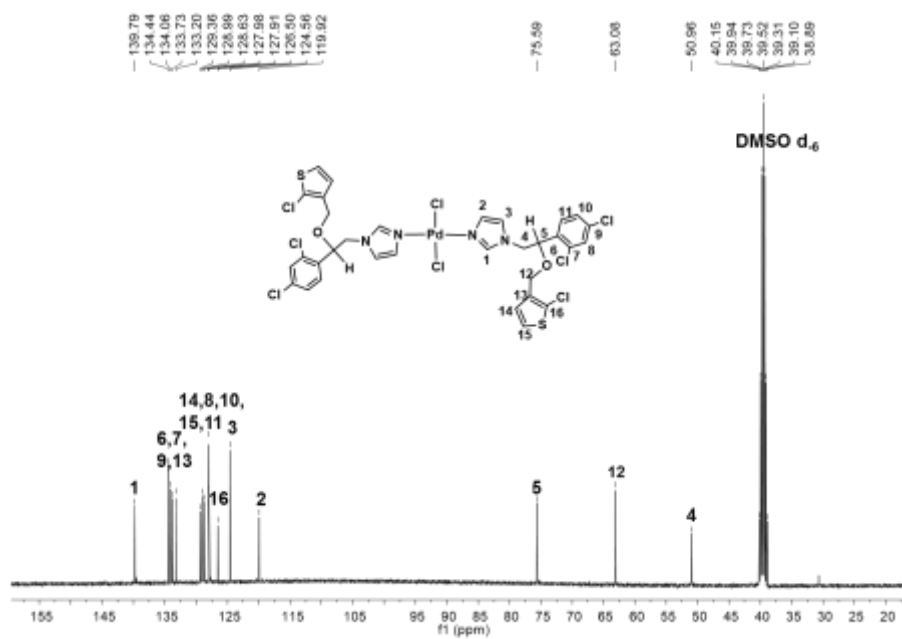


Figure S8. ¹³C {¹H} NMR spectrum of [Pd(tcnz)₂Cl₂] **6** in DMSO-d₆.

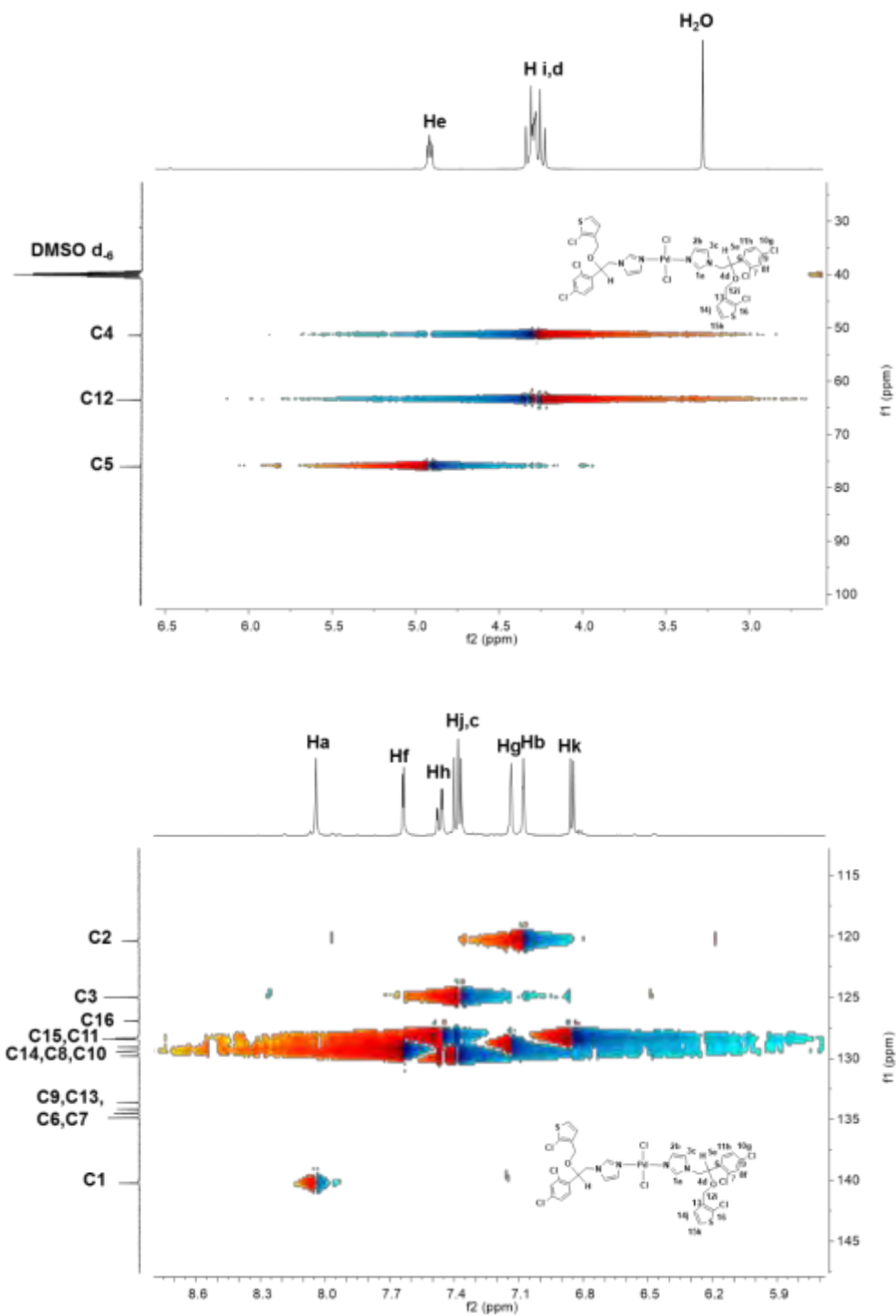


Figure S9. HSQC NMR spectra of [Pd(tcnz)₂Cl₂] **6** in DMSO-d₆.

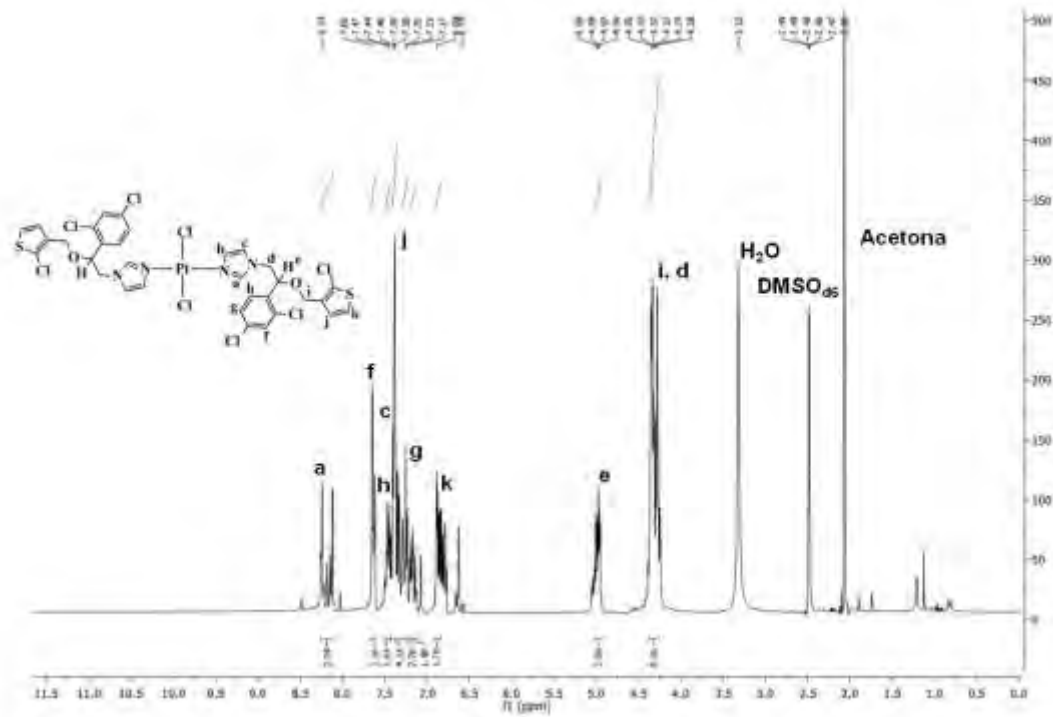


Figure S10. ^1H NMR spectrum of $[\text{Pt}(\text{tcnz})_2\text{Cl}_2]$ 7 in CDCl_3 .

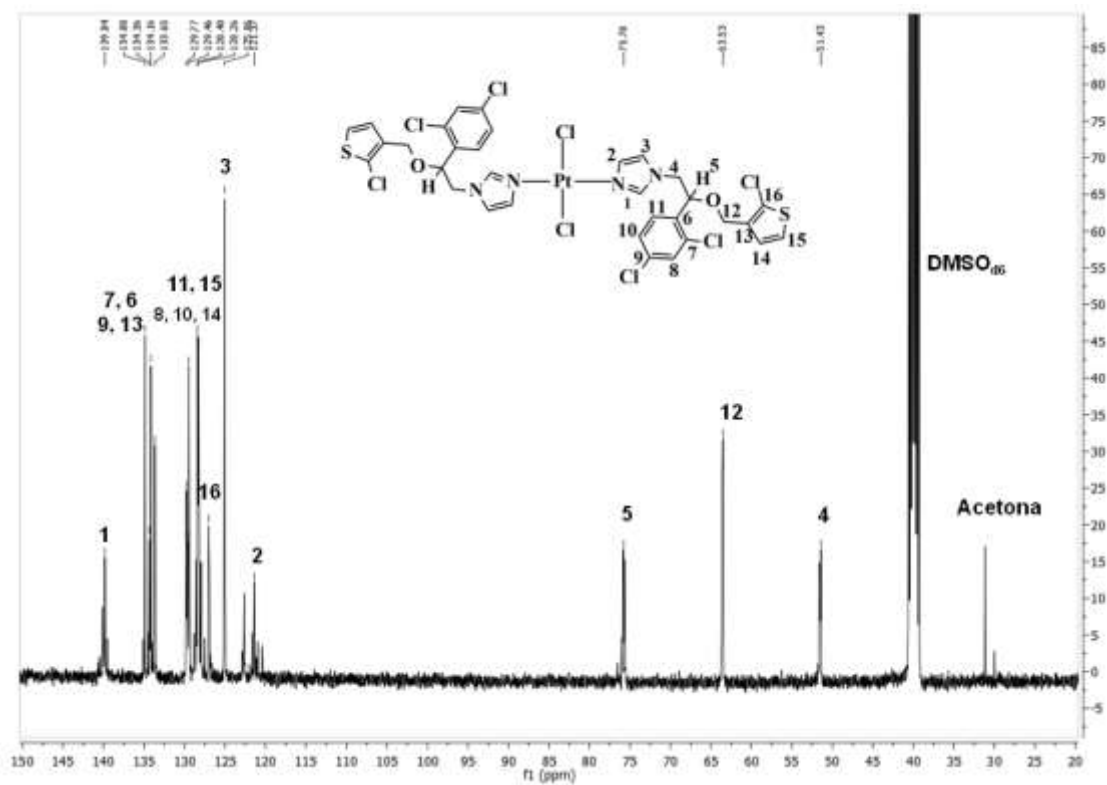


Figure S11. ^{13}C $\{^1\text{H}\}$ NMR spectrum of $[\text{Pt}(\text{tcnz})_2\text{Cl}_2]$ 7 in CDCl_3 .

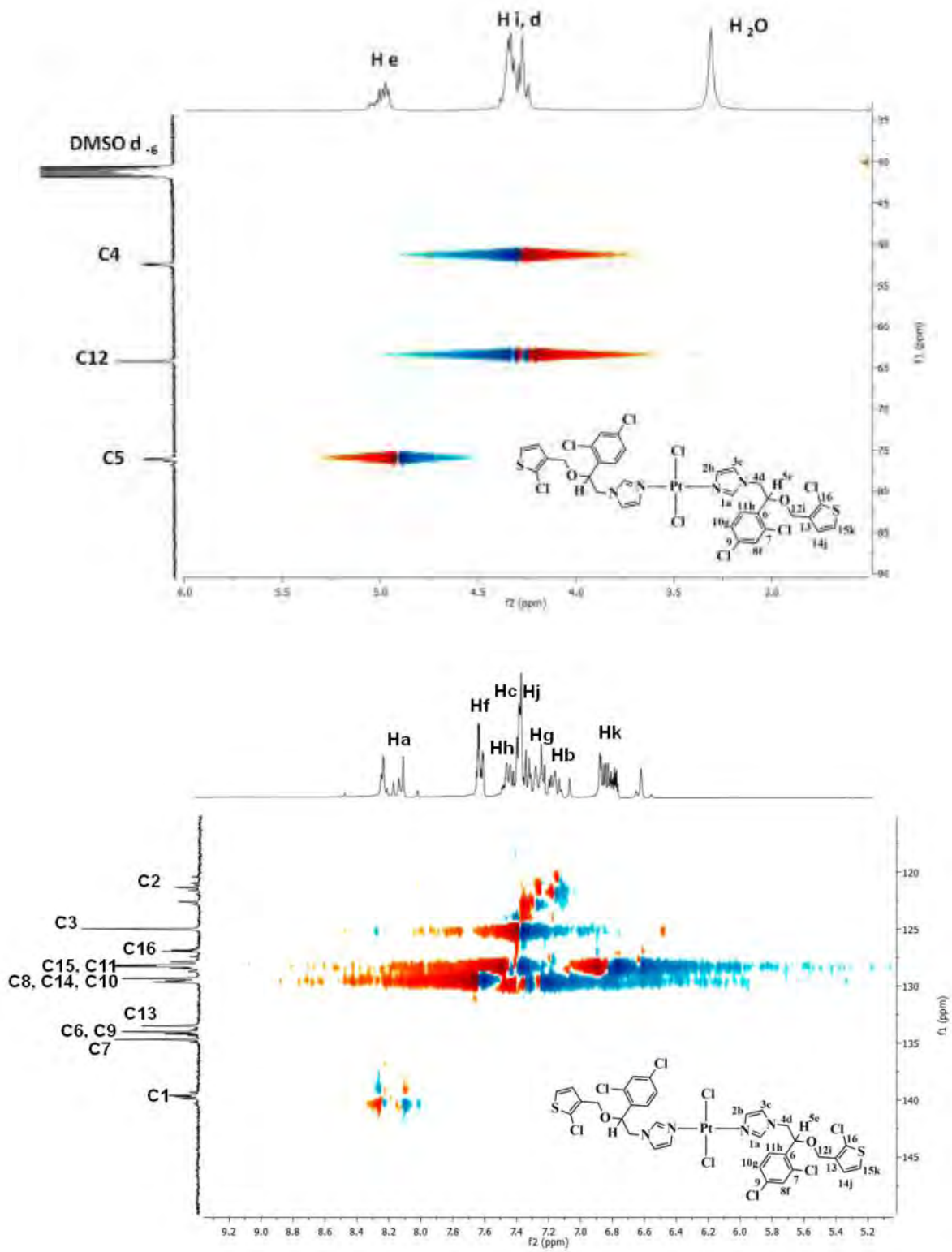


Figure S12. HSQC NMR spectra of [Pt(tcnz)₂Cl₂] **7** in CDCl₃.

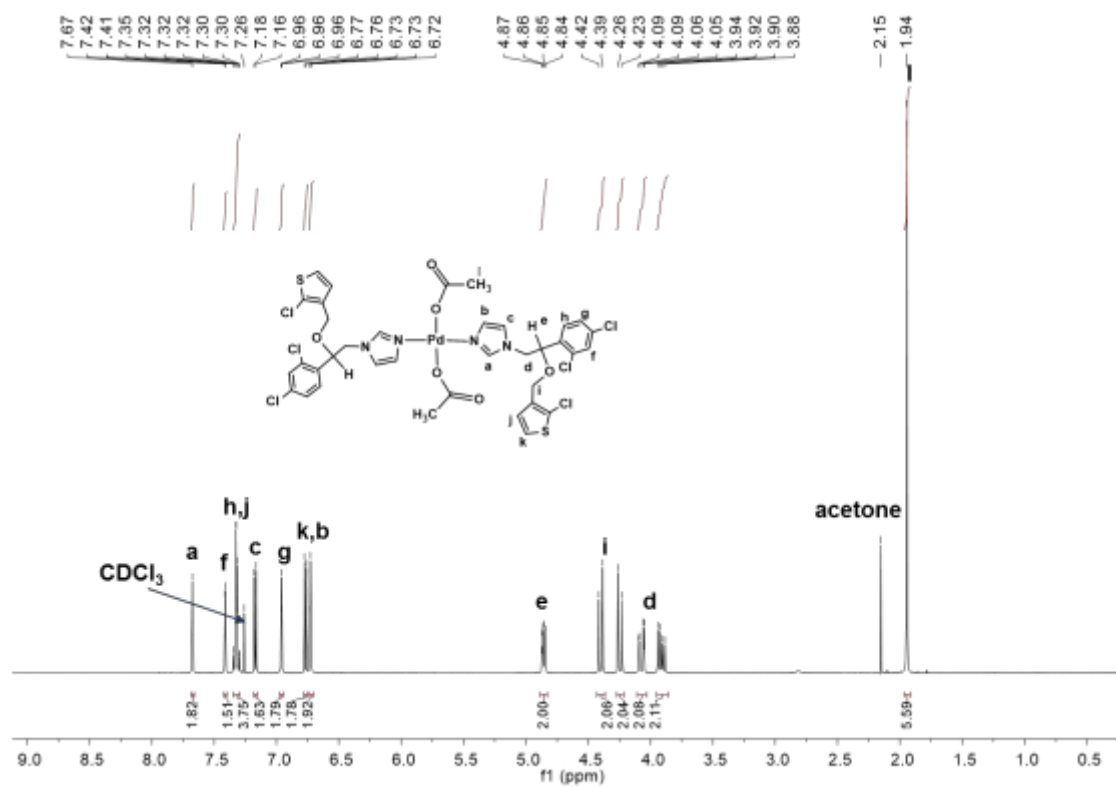


Figure S13. ^1H NMR spectrum of $[\text{Pd}(\text{tcnz})_2(\text{OAc})_2]$ **8** in CDCl_3 .

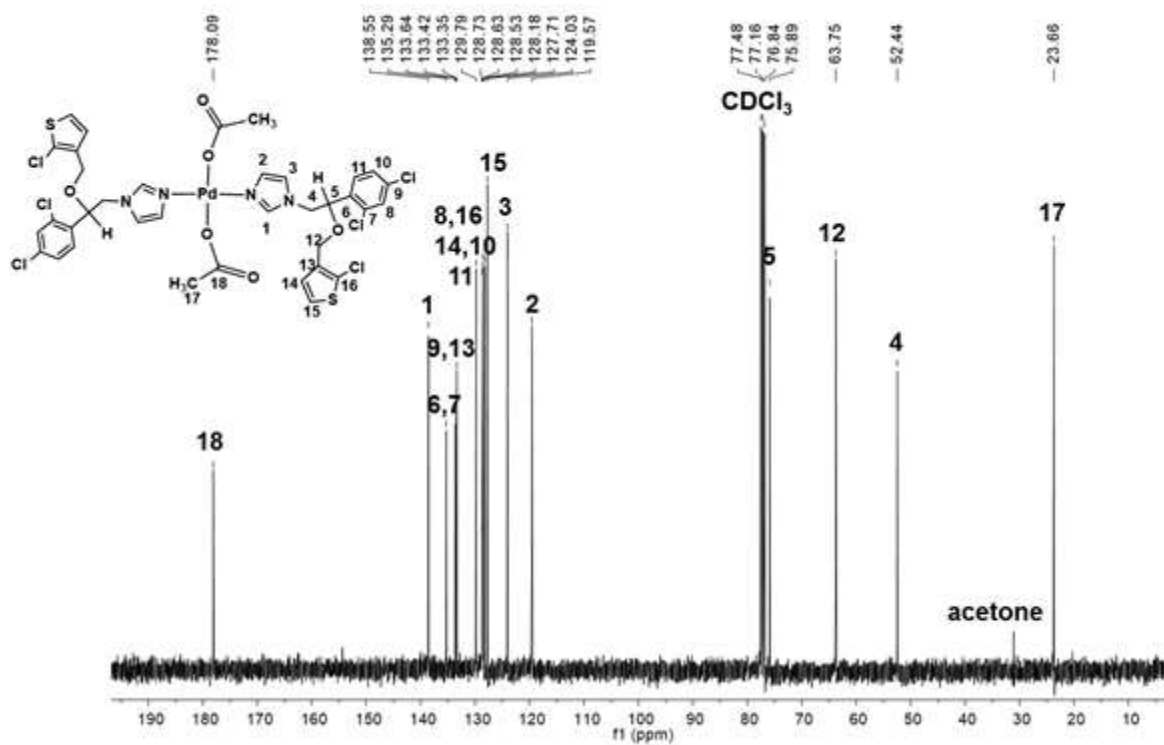


Figure S14. ^{13}C $\{^1\text{H}\}$ NMR spectrum of $[\text{Pd}(\text{tcnz})_2(\text{OAc})_2]$ **8** in CDCl_3 .

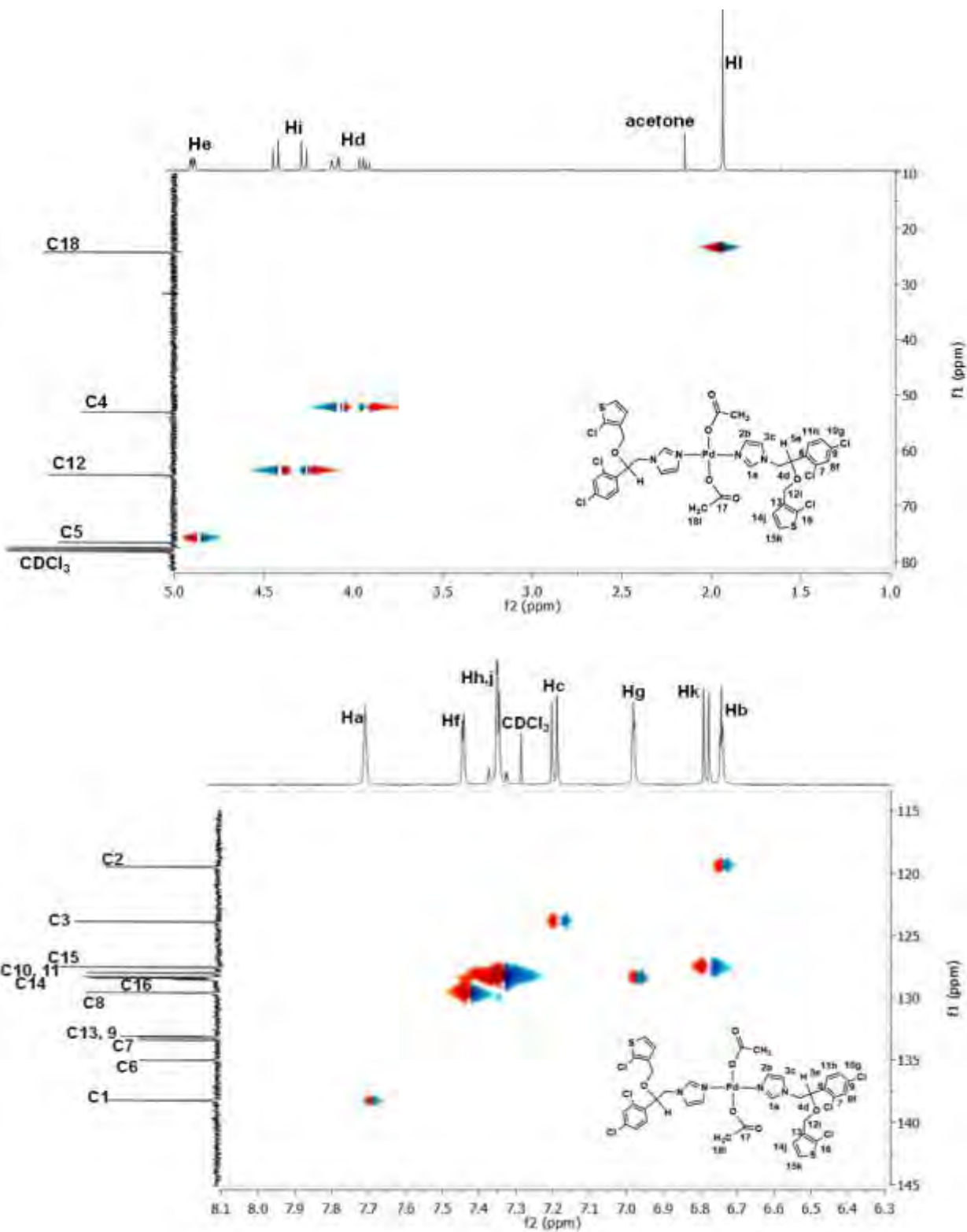


Figure S15. HSQC NMR spectra of $[Pd(tcnz)_2(OAc)_2]$ **8** in $CDCl_3$.

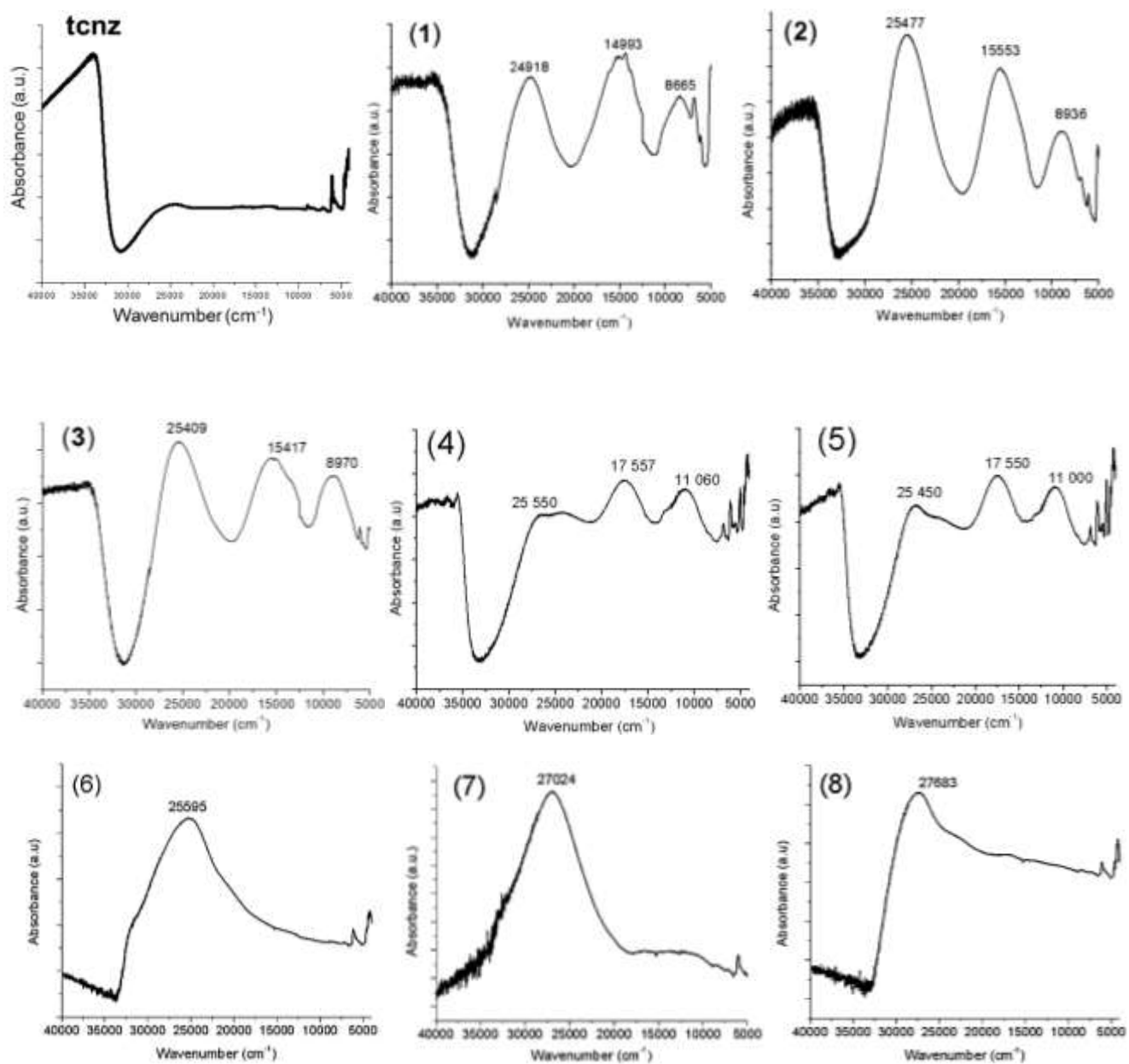


Figure S16. Solid state UV-Vis-NIR $\nu(\text{cm}^{-1})$ of tioconazole compounds of Ni^{II} , Pd^{II} and Pt^{II} .