

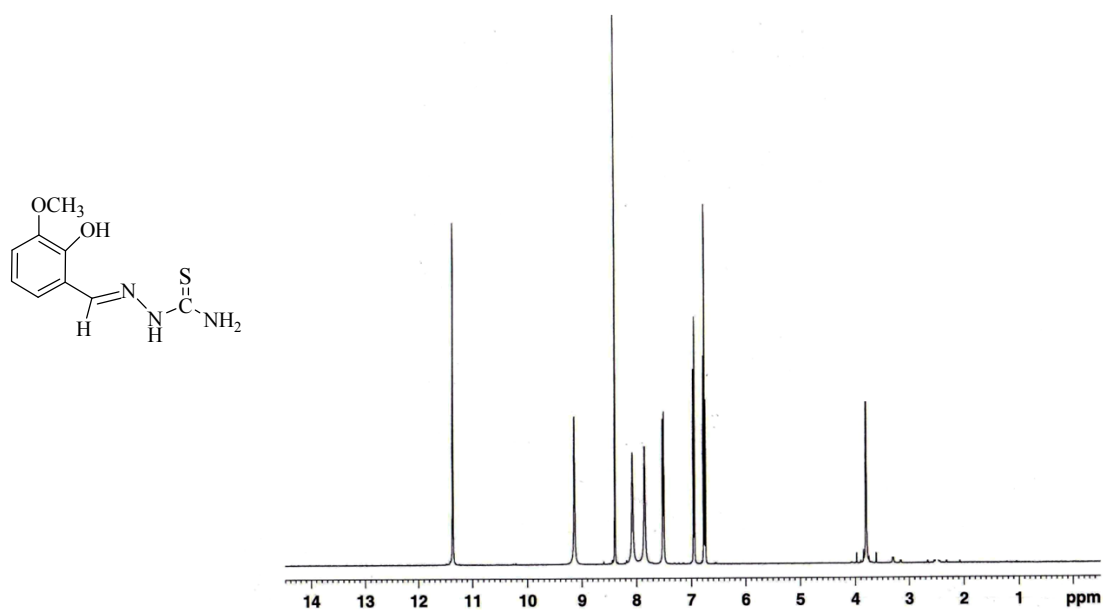


Fig. S1 ^1H -NMR spectrum of (H_2L^1)

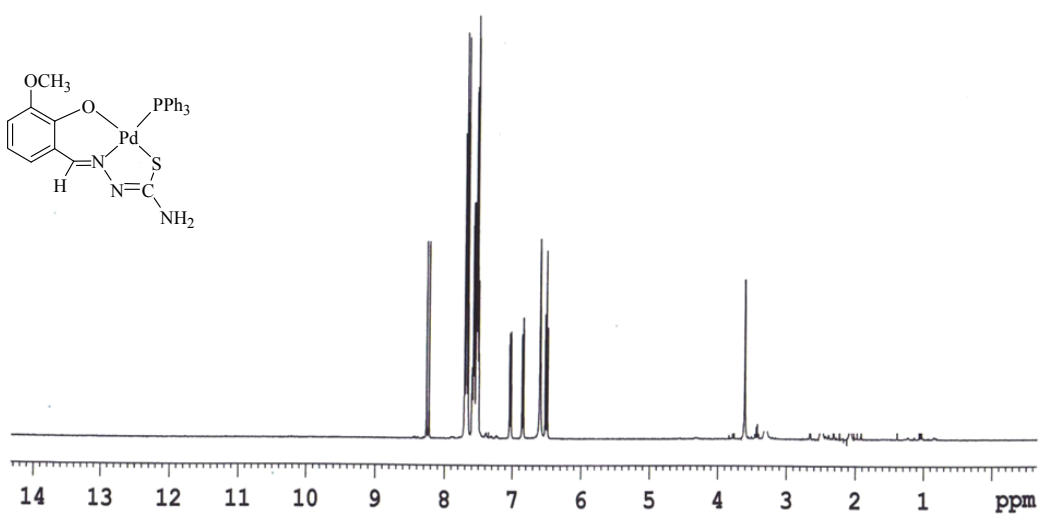


Fig. S2 ^1H -NMR spectrum of $[\text{Pd}(\text{Msal-tsc})(\text{PPh}_3)](1)$

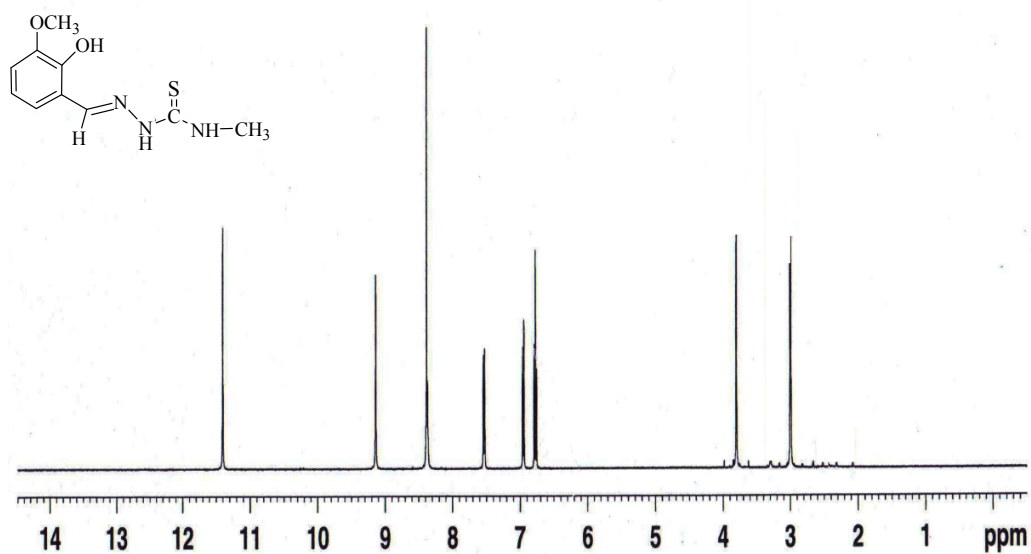


Fig. S3 ¹H-NMR spectrum of (H₂L²)

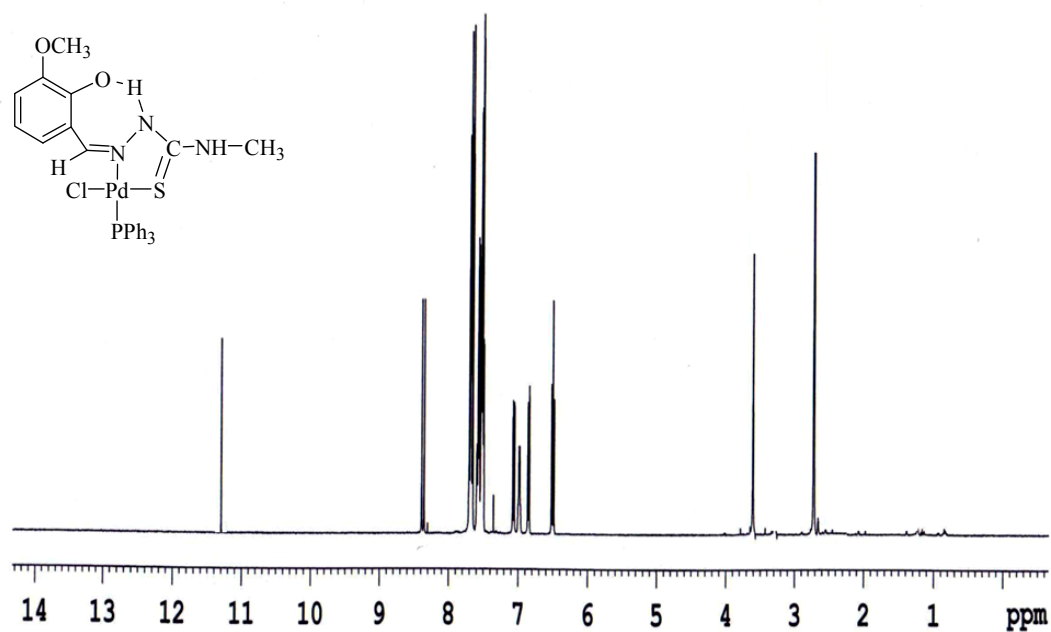


Fig. S4 ¹H-NMR spectrum of [Pd(H-Msal-mtsc)(PPh₃)](2)

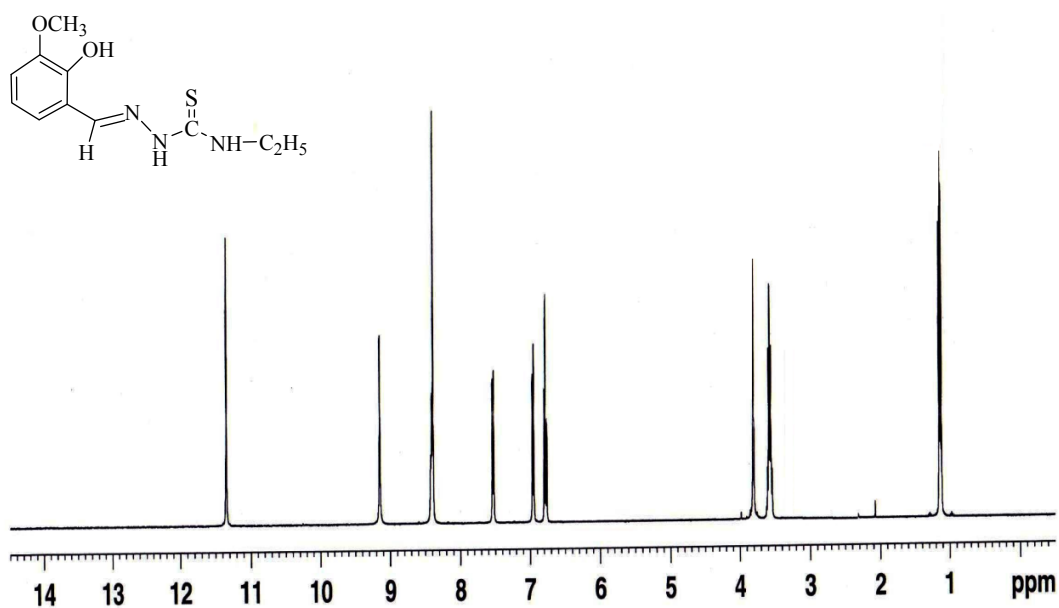


Fig. S5 ¹H-NMR spectrum of (H₂L³)

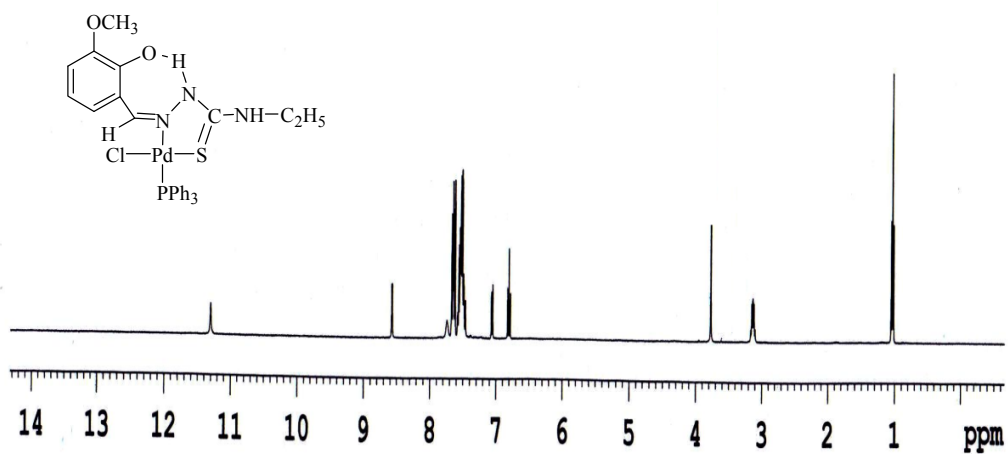


Fig.S6 ¹H-NMR spectrum of [Pd(H-Msal-etsc)(PPh₃)](3)

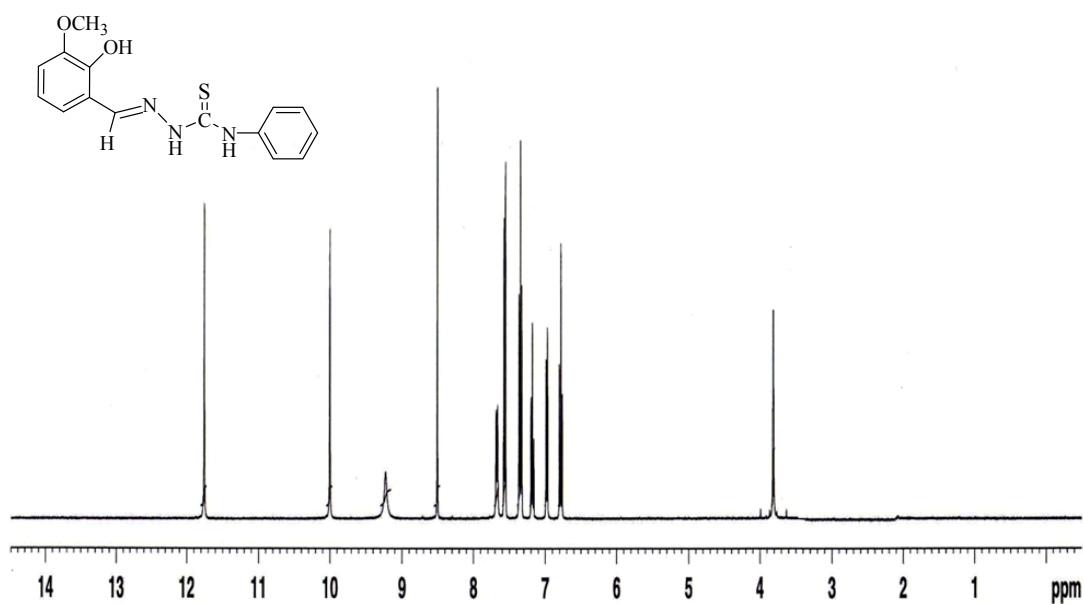


Fig. S7 ^1H -NMR spectrum of (H_2L^4)

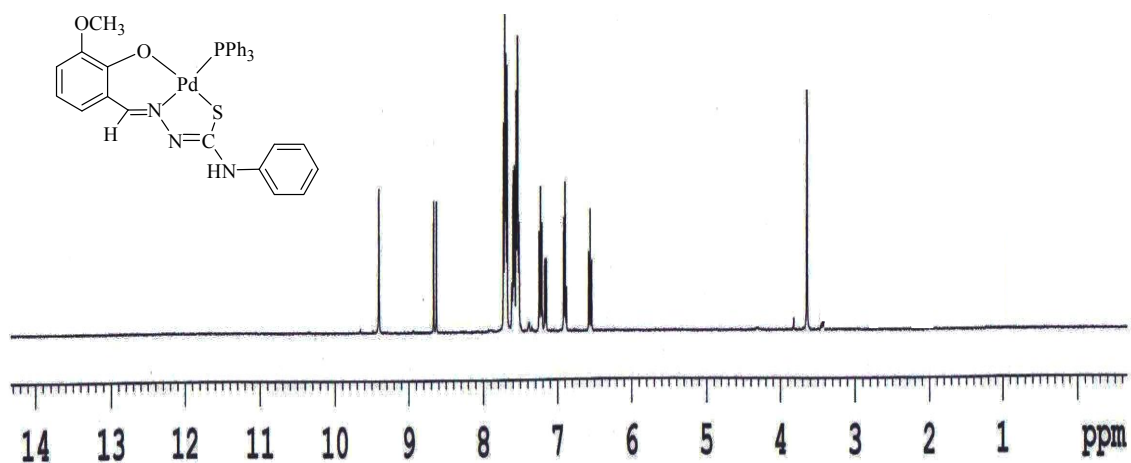


Fig. S8 ^1H -NMR spectrum of $[\text{Pd}(\text{Msal-ptsc})(\text{PPh}_3)](4)$