

Supporting Information

Figure S1. Titration and fitted curve of 1.00 mM 1,5-NAP-[Pd(en)(H₂O)₂](NO₃)₂ with 1 equivalent HNO₃ at 298K, I=0.1 M NaNO₃.

Figure S2. ¹H NMR spectrum of 10 mM 1,5-NAP in D₂O, pD 6.3, 26 °C.

Figure S3. ¹H NMR spectrum of Pd(en)Cl₂-1,5-NAP in D₂O at 1:1 mole ratio, 10 mM total conc., pD 6.3, 26 °C.

Figure S4. ¹H NMR spectrum of Pd(en)Cl₂-1,5-NAP in D₂O at 2:1 mole ratio, 10 mM total conc., pD 6.3, 26 °C.

Figure S5. ¹H NMR spectrum of Pd(en)Cl₂-1,5-NAP in D₂O at 1:2 mole ratio, 10 mM total conc., pD 6.3, 26 °C.

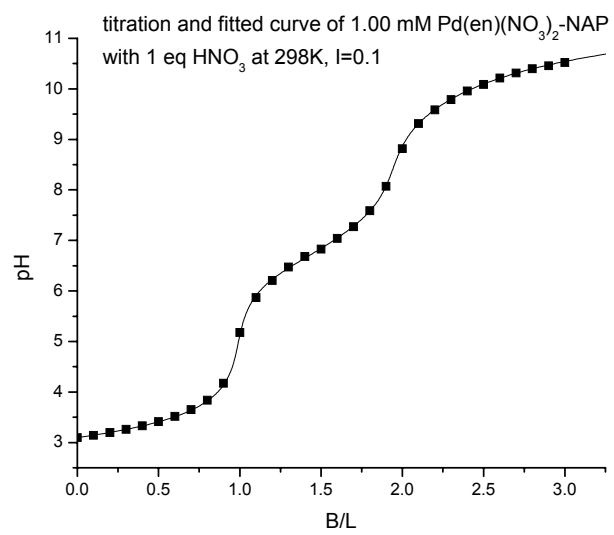


Figure S1

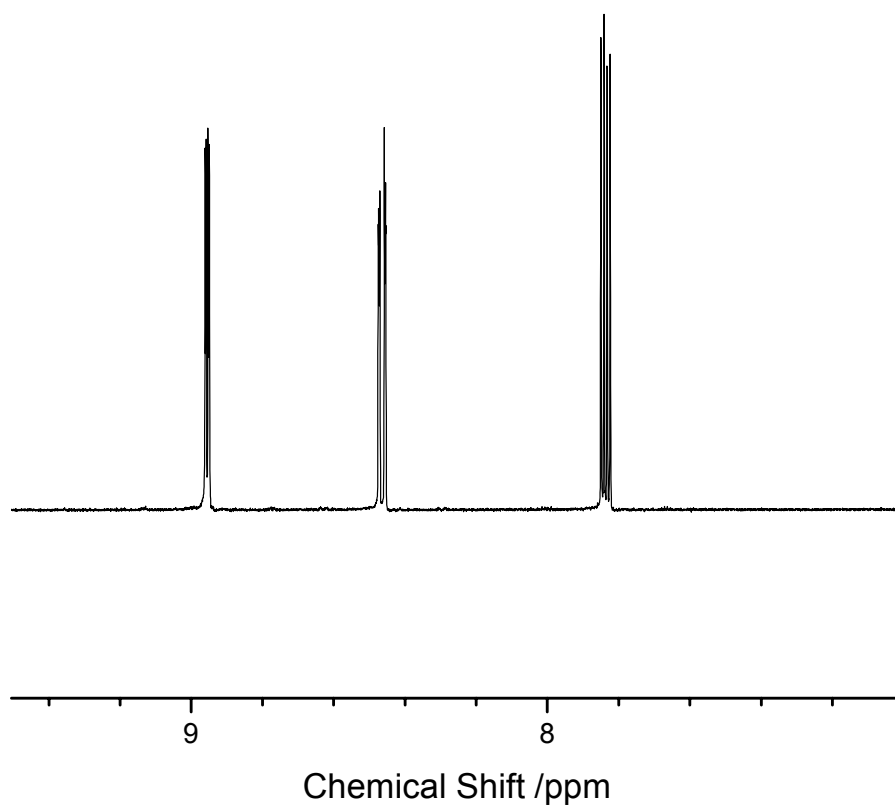


Figure S2. ¹H NMR spectrum of 10 mM 1,5-NAP in D₂O, pD 6.3, 26 °C.

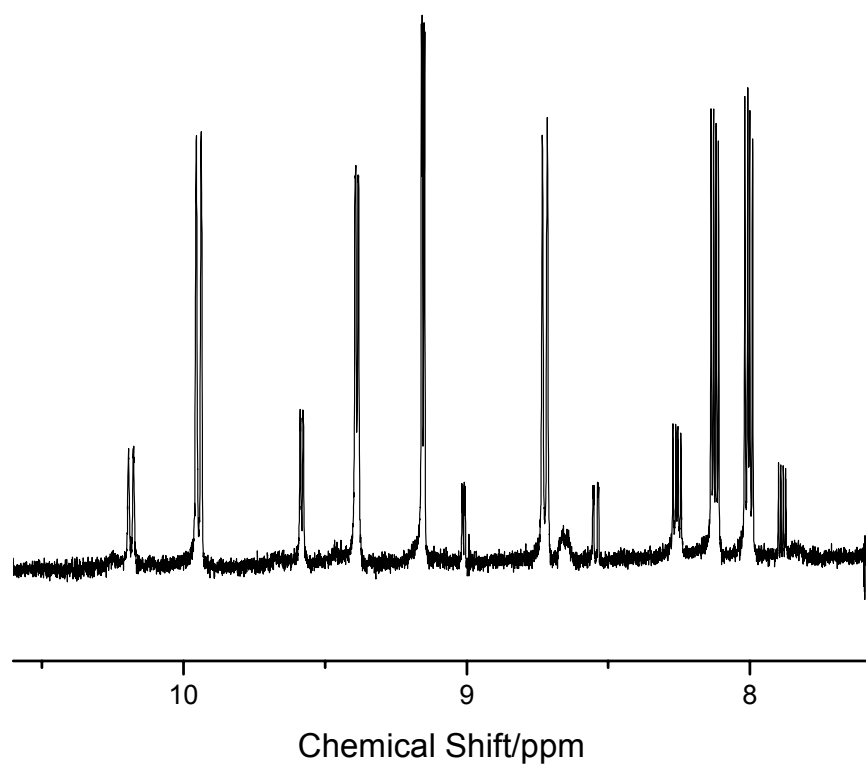


Figure S3. ¹H NMR spectrum of Pd*en)Cl₂-1,5-NAP in D₂O at 1:1 mole ratio, 10 mM total conc., pD 6.3, 26°C

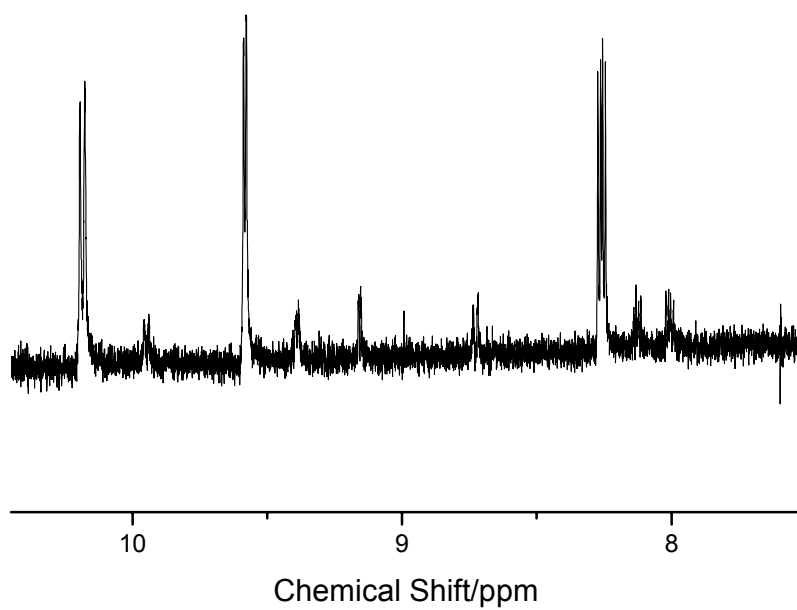


Figure S4. ^1H NMR spectrum of $\text{Pd}(\text{en})\text{Cl}_2\text{-1,5-NAP}$ in D_2O at 9:1 mole ratio, 10 mM total conc., pD 6.3, 26 $^\circ\text{C}$.

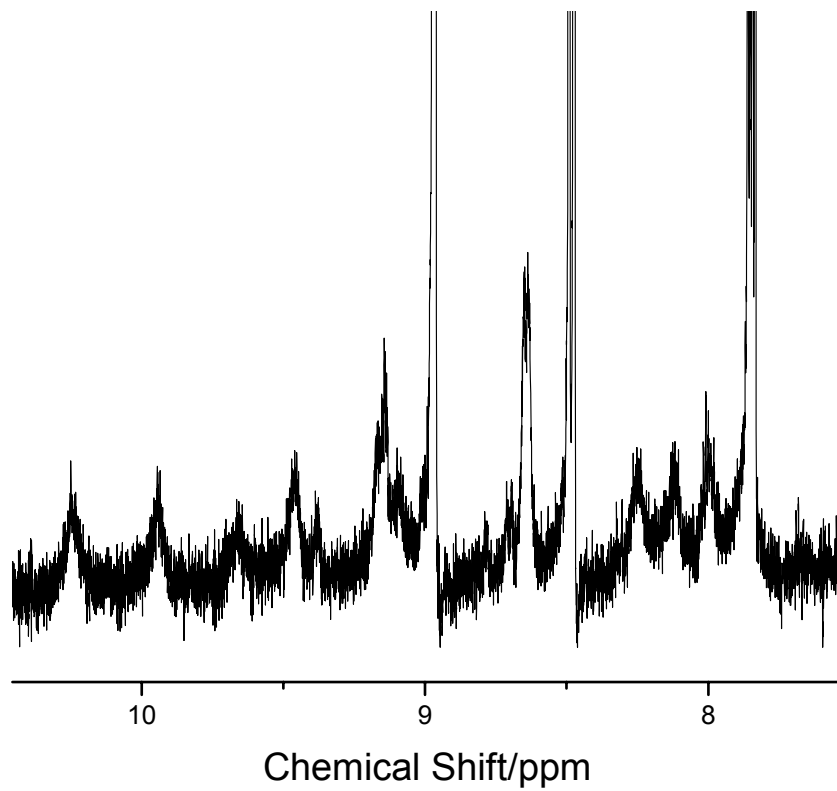


Figure S5. ^1H NMR spectrum of $\text{Pd}(\text{en})\text{Cl}_2$ in D_2O at 1:9 mole ratio, 10 mM total conc., pD 6.3, 26°C ; also contains some 1:1 and substantial free 1,5-NAP.