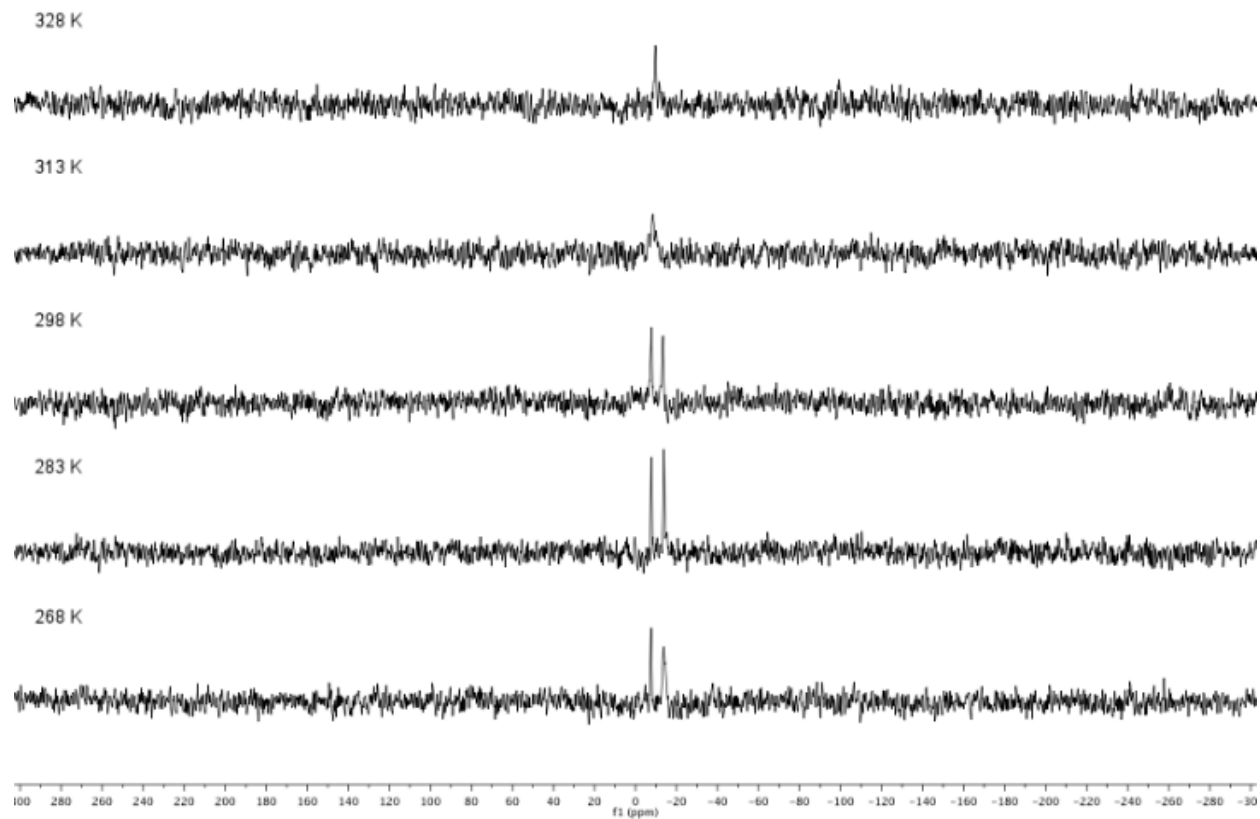


## Supplementary Information

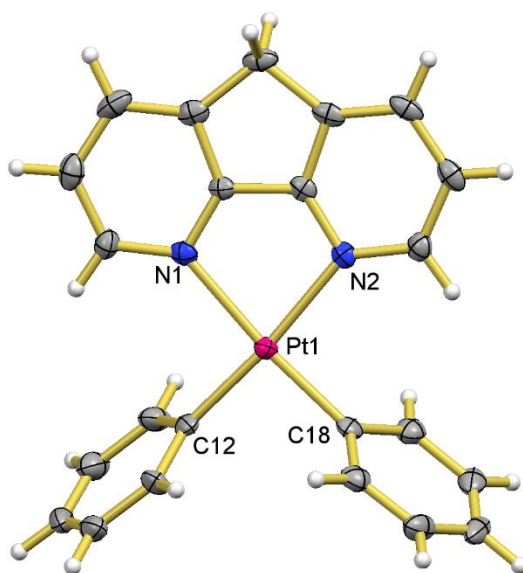
# Selective One-Pot Syntheses of Pt<sup>II</sup>-Cu<sup>I</sup> Heterobimetallic Complexes of 4,5-Diazafluorenone Derivatives

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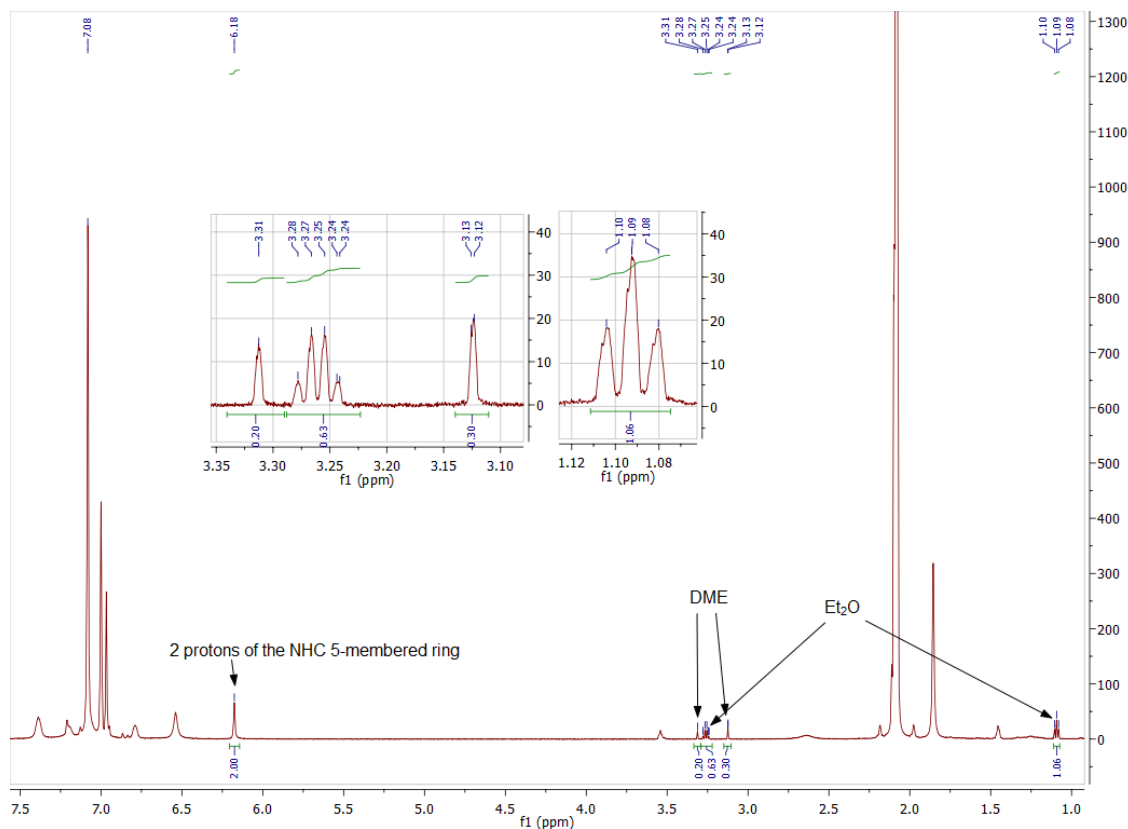
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**Figure 1S.** Variable temperature  $^{31}\text{P}$  NMR spectra of **1b**.



**Figure 2S.** Molecular structure of  $[\text{PtPh}_2(\text{LH})]$ . Thermal ellipsoids are drawn at 50% probability.



**Figure 3S.** The  $^1\text{H}$  NMR spectrum of the EA sample of **1b** in toluene- $d_8$  at  $40^\circ\text{C}$ , showing the residual solvents in the EA sample after 12 hours of drying under vacuum.