

Experimental Supplemental Information

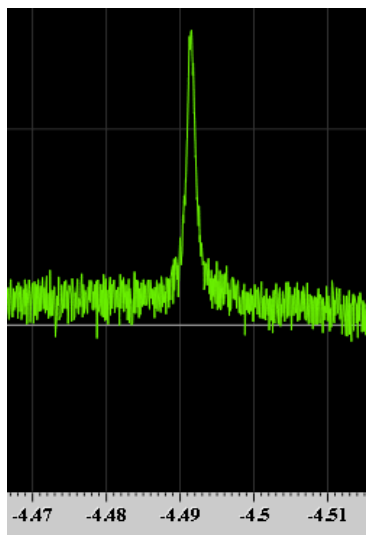
"Thiacrown Pt^{II} Complexes with Group 15 Donor Ligands"

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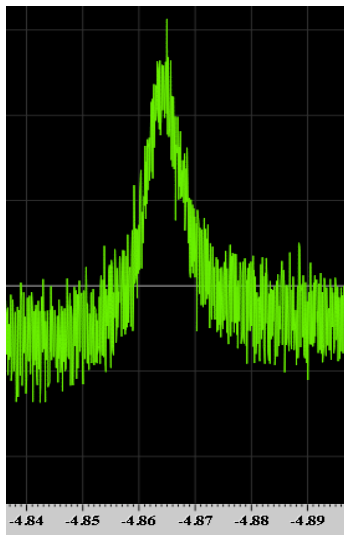
A. NMR Data

1. ¹⁹⁵Pt NMR spectra, measured in CD₃NO₂.

a. [Pt([9]aneS₃)(AsPh₃)₂](PF₆)₂



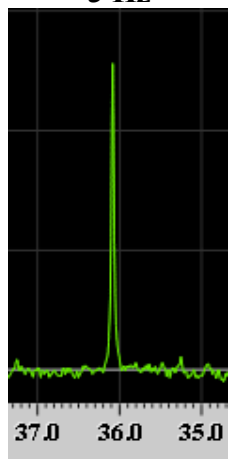
b. [Pt([9]aneS₃)(SbPh₃)₂](PF₆)₂



2. ^{13}C NMR spectra, [9]aneS₃ region, measured in CD₃NO₂. Line width of ^{13}C NMR resonance reported in Hz.

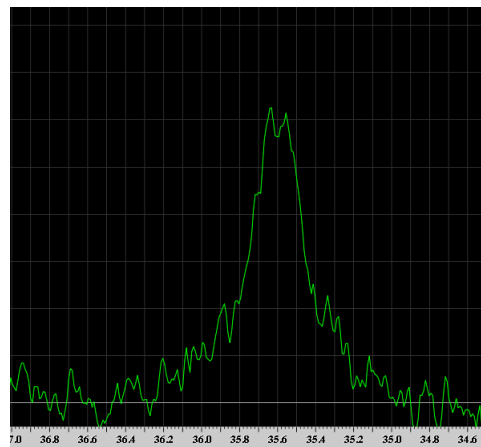
a. [Pt([9]aneS₃)(AsPh₃)₂](PF₆)₂

3 Hz



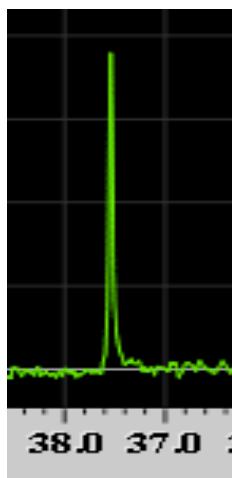
b. [Pt([9]aneS₃)(AsPh₃)Cl](PF₆)

29 Hz



c. [Pt([9]aneS₃)(SbPh₃)₂](PF₆)₂

3 Hz



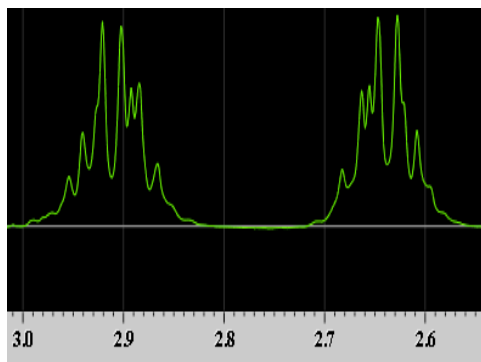
d. [Pt([9]aneS₃)(SbPh₃)Cl](PF₆)

110 Hz



3. ^1H NMR spectra, [9]aneS₃ region only, measured in CD_3NO_2

a. $[\text{Pt}([\text{9]aneS}_3)(\text{AsPh}_3)_2](\text{PF}_6)_2$



b. $[\text{Pt}([\text{9]aneS}_3)(\text{AsPh}_3)\text{Cl}](\text{PF}_6)$

