Electronic Supplementary Information for Dalton Transactions

Supporting Information

N-heterocyclic carbene tethered amido complexes of palladium and platinum

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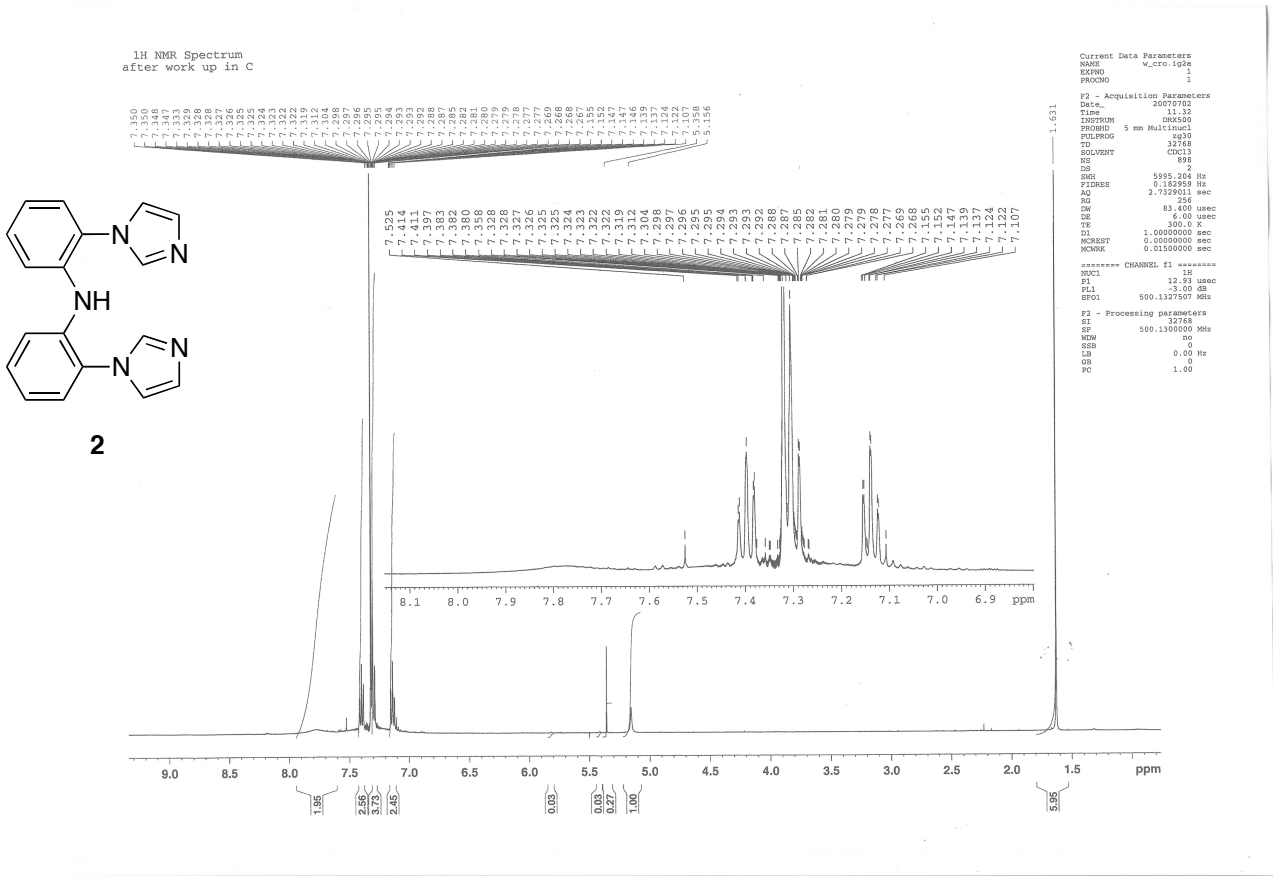
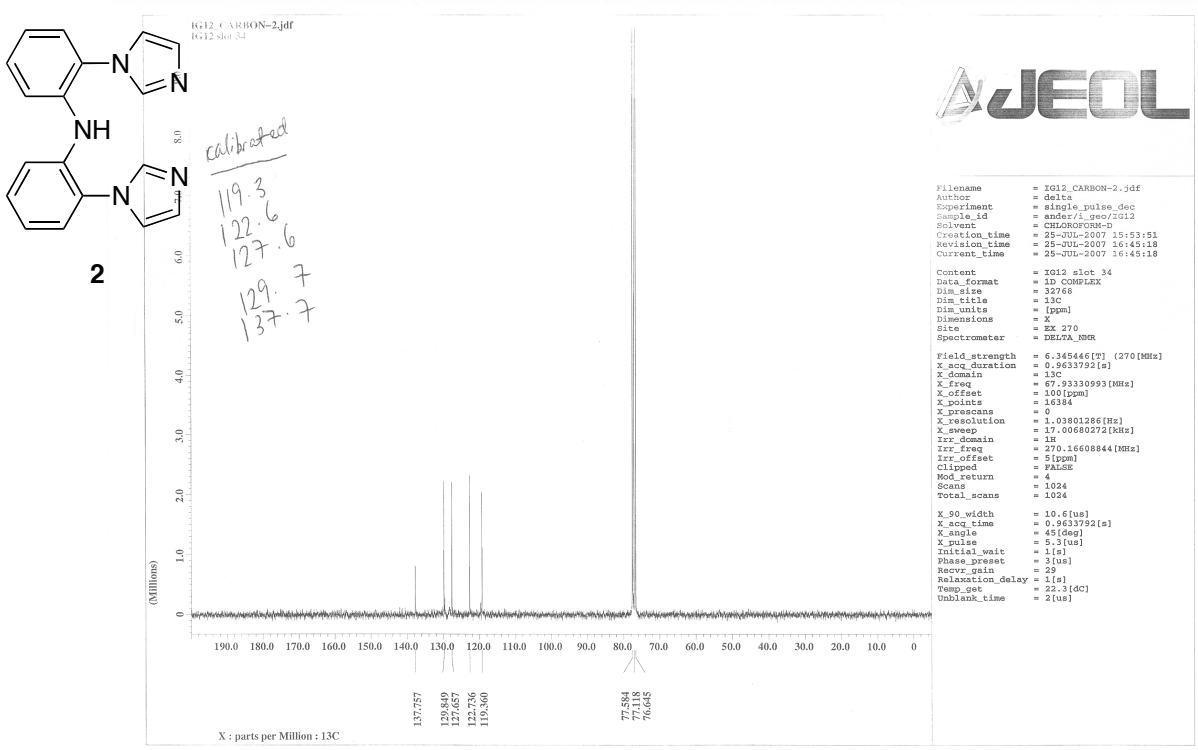
Contents

2 ^{1}H NMR (500 MHz, CD_2Cl_2)



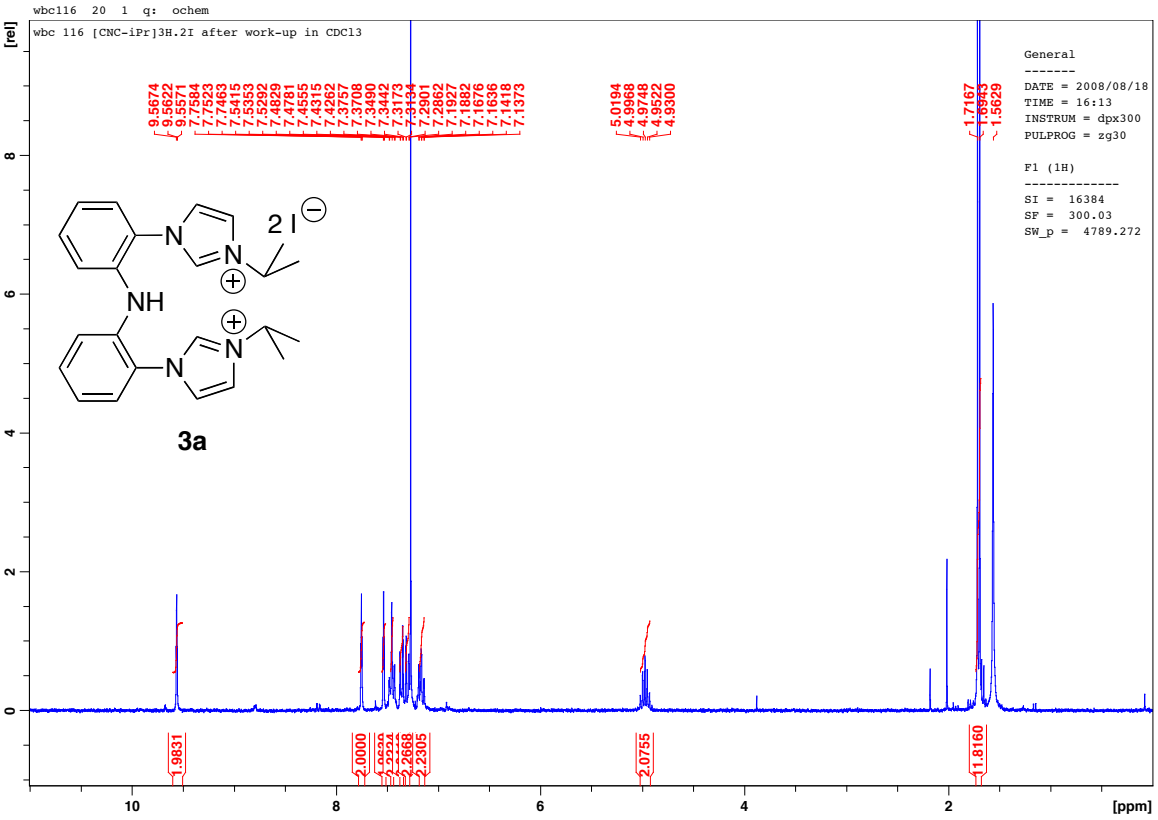
2

2 ^{13}C NMR (67.9 MHz, $CDCl_3$)

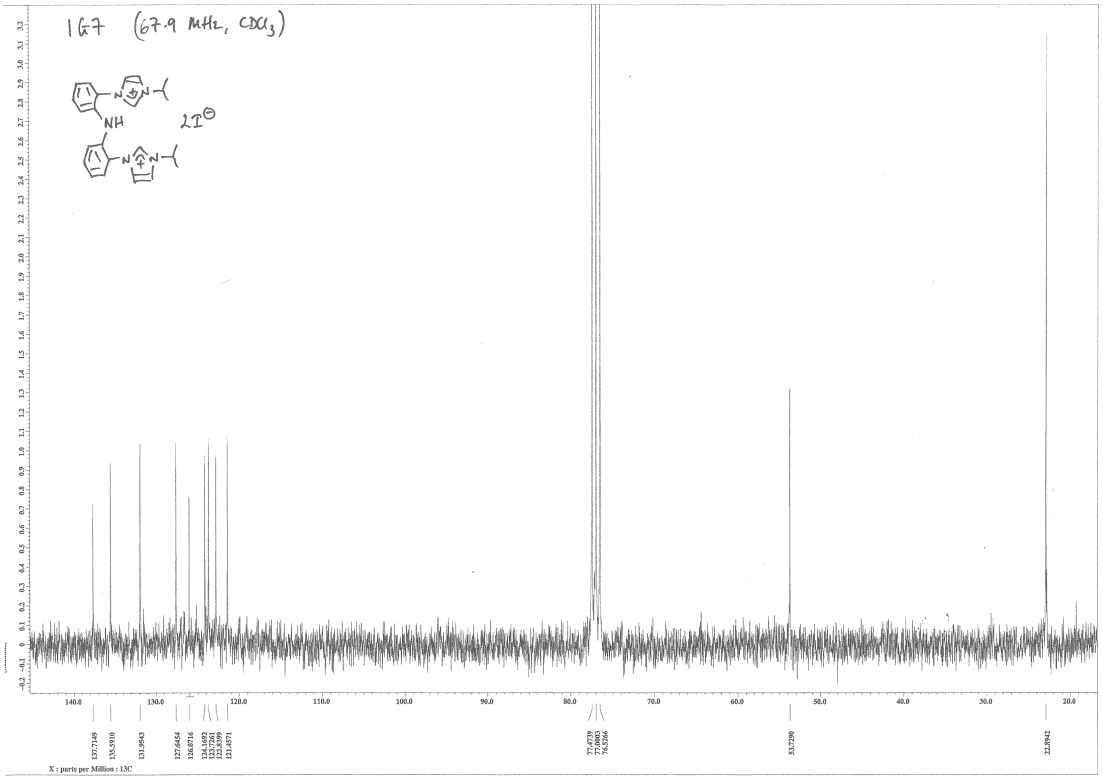


2

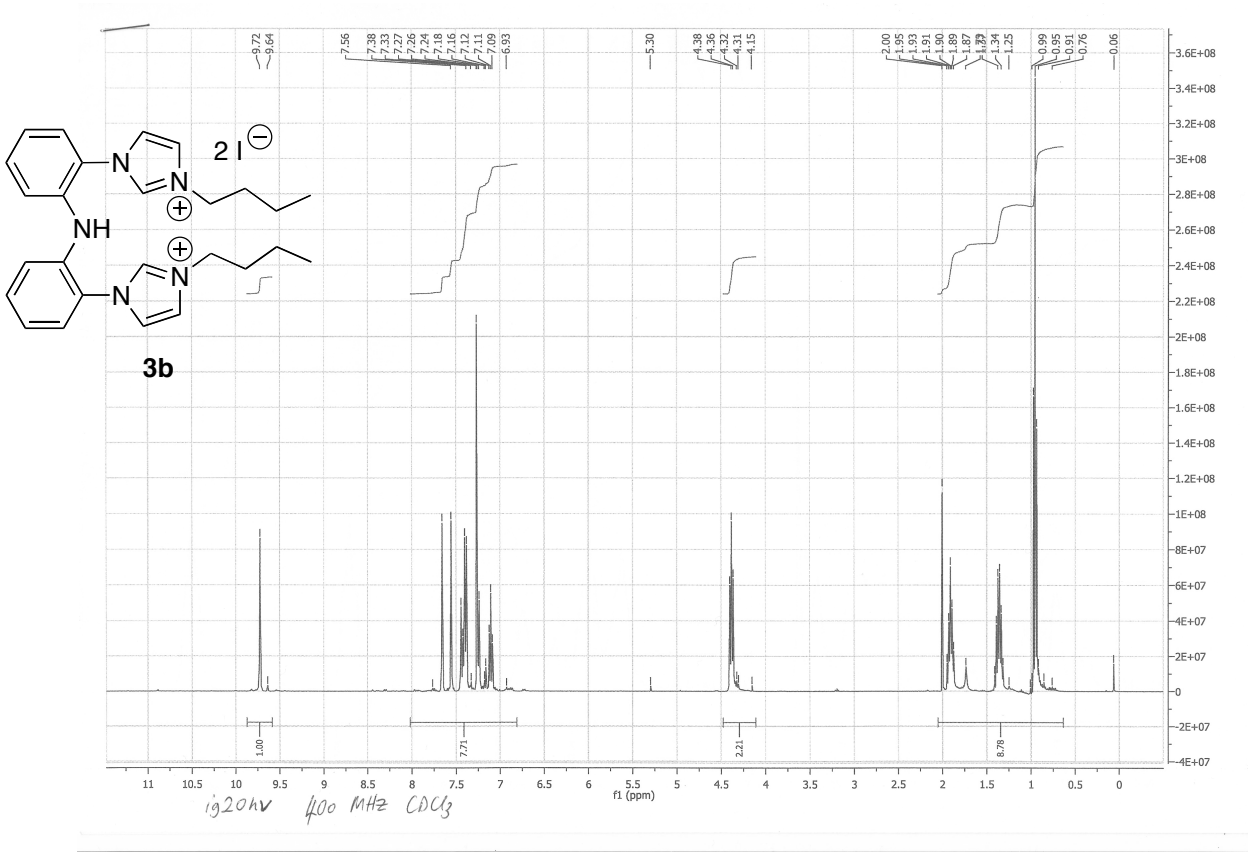
3a ^{1}H NMR (400 MHz, $CDCl_3$)



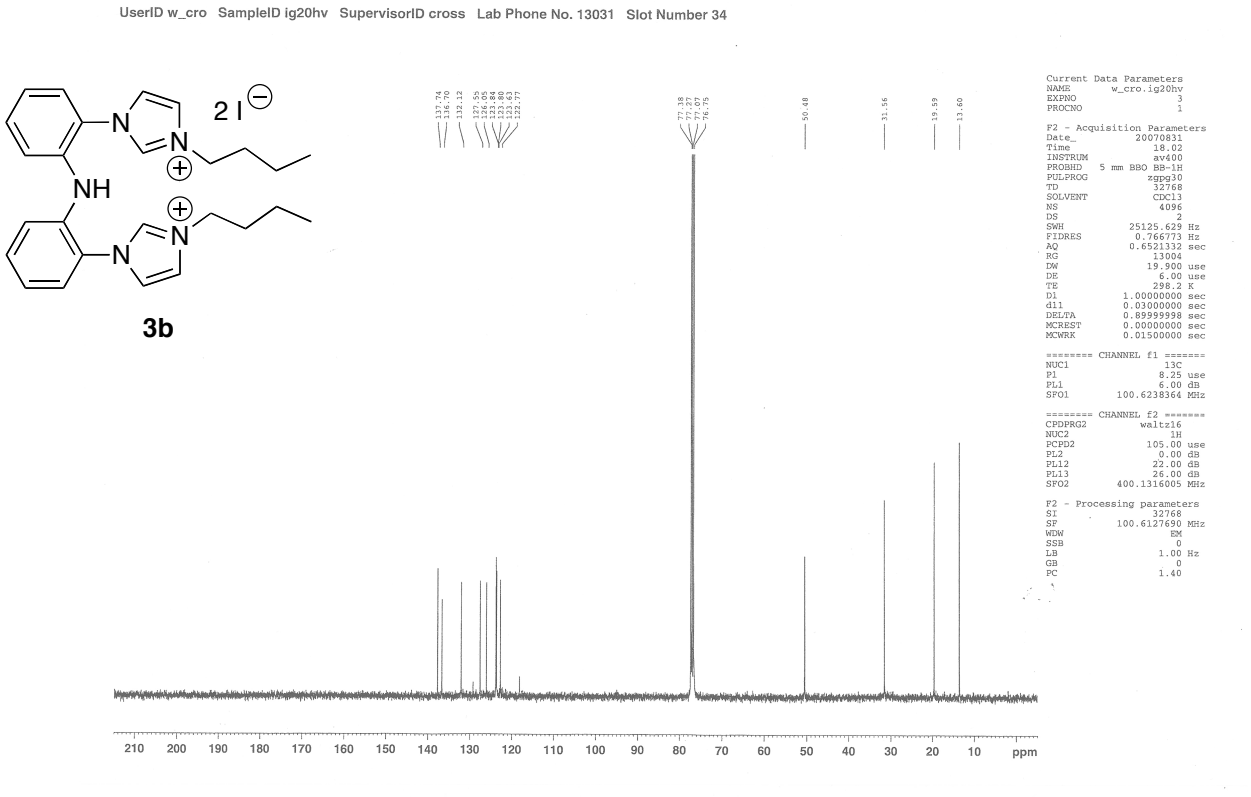
3a ^{13}C NMR (67.9 MHz, $CDCl_3$)



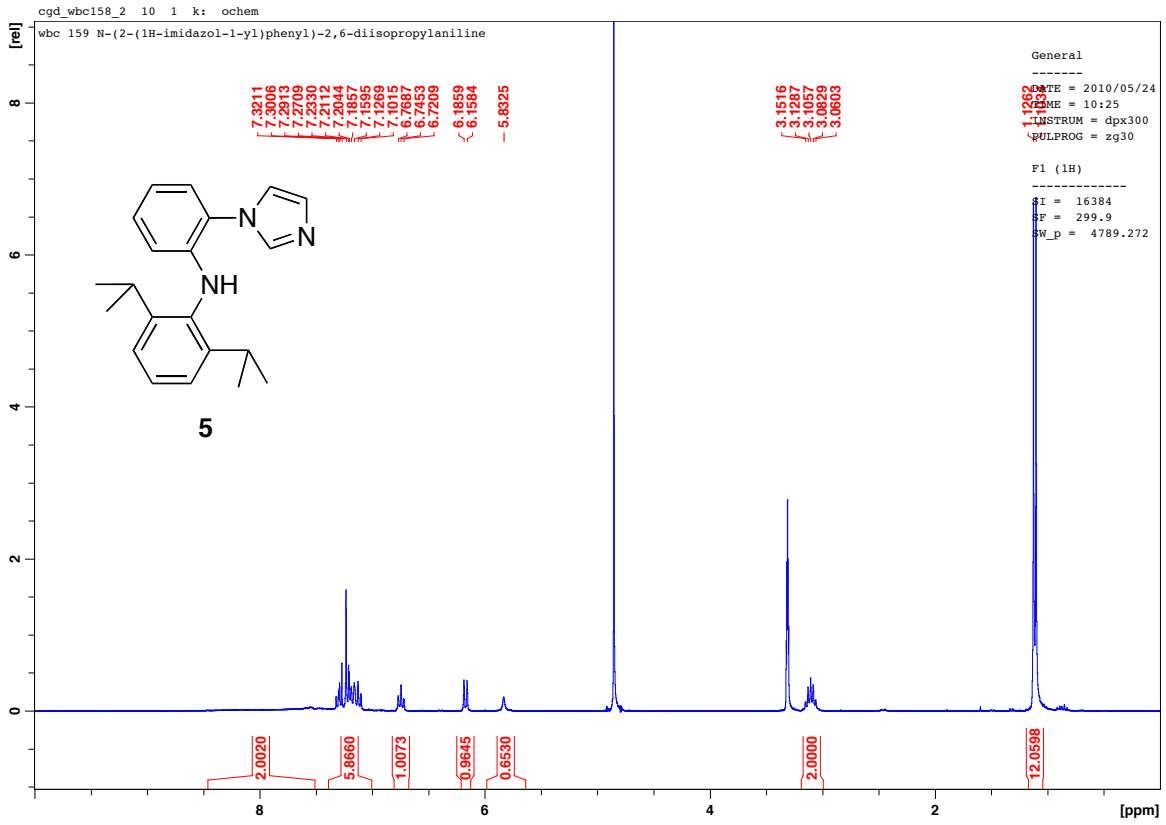
3b ^{1}H NMR (400 MHz, $CDCl_3$)



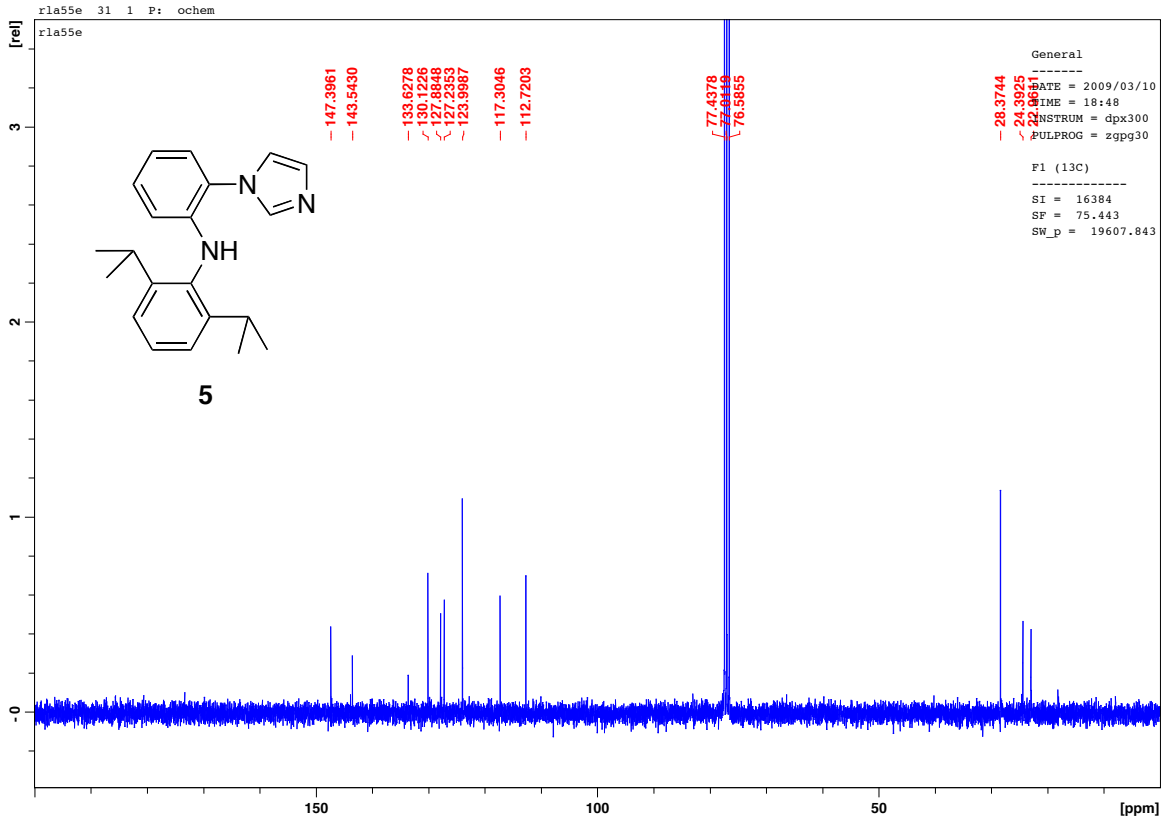
3b ^{13}C NMR (100 MHz, $CDCl_3$)



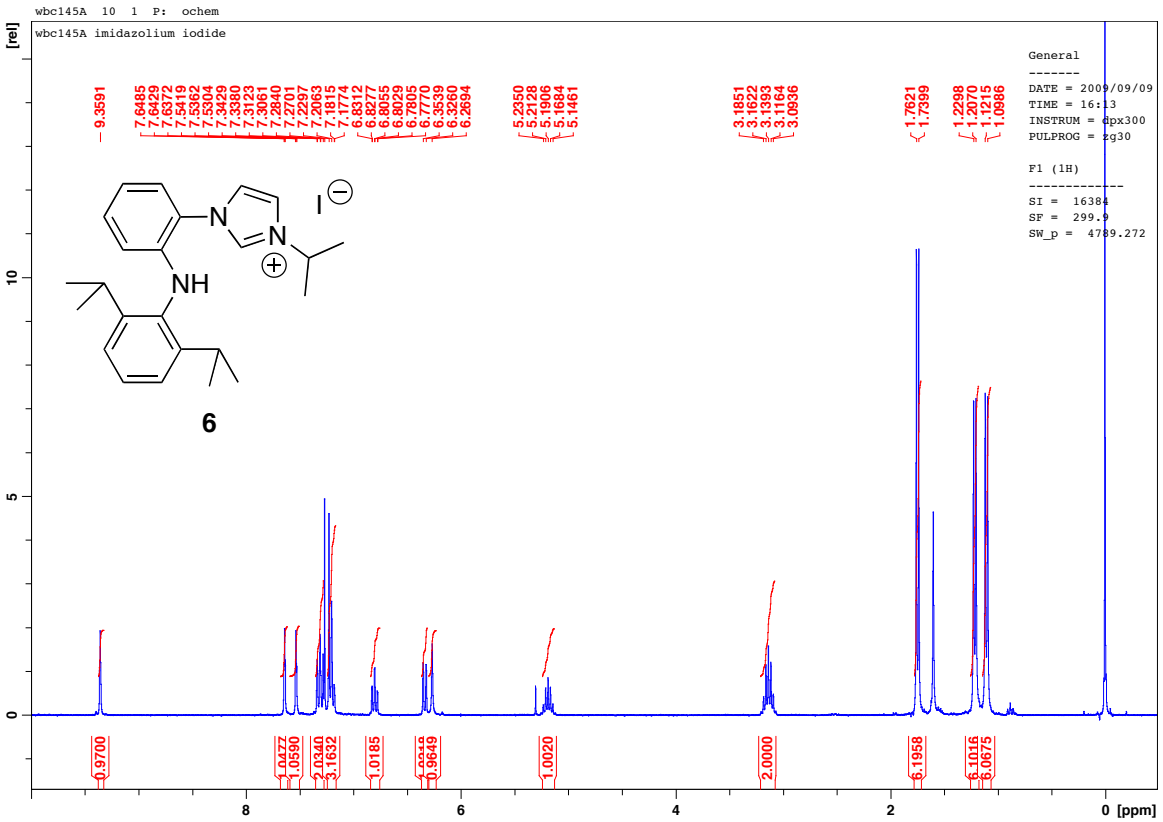
5 ^{1}H NMR (300 MHz, *d*$_4$-MeOH)



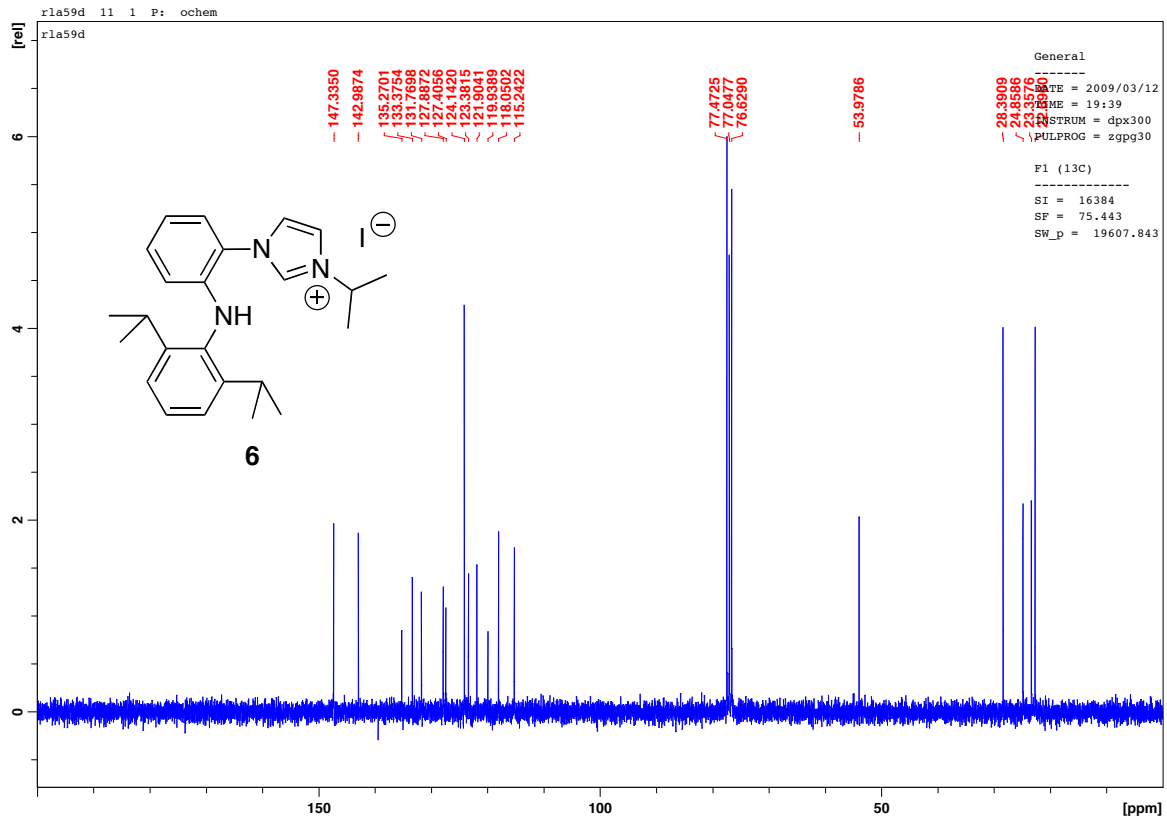
5 ^{13}C NMR (75 MHz, $CDCl_3$)



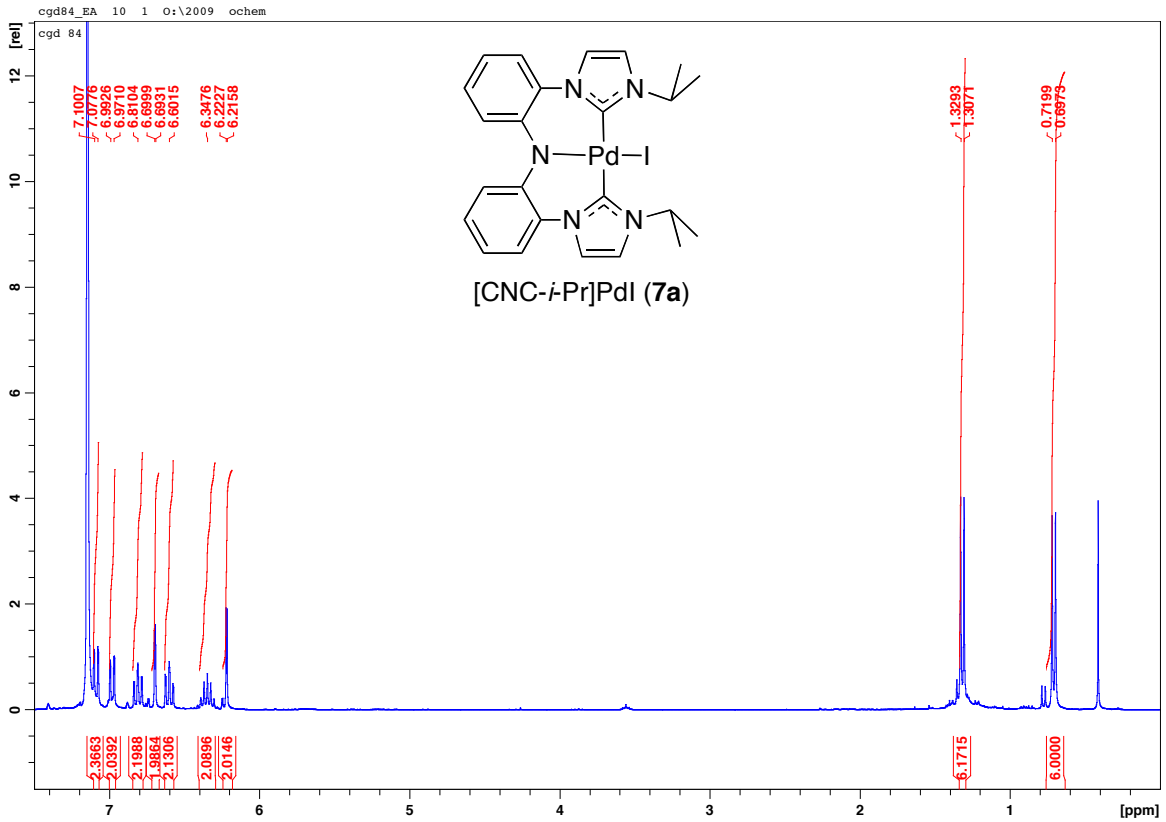
6 ^{1}H NMR (300 MHz, $CDCl_3$)



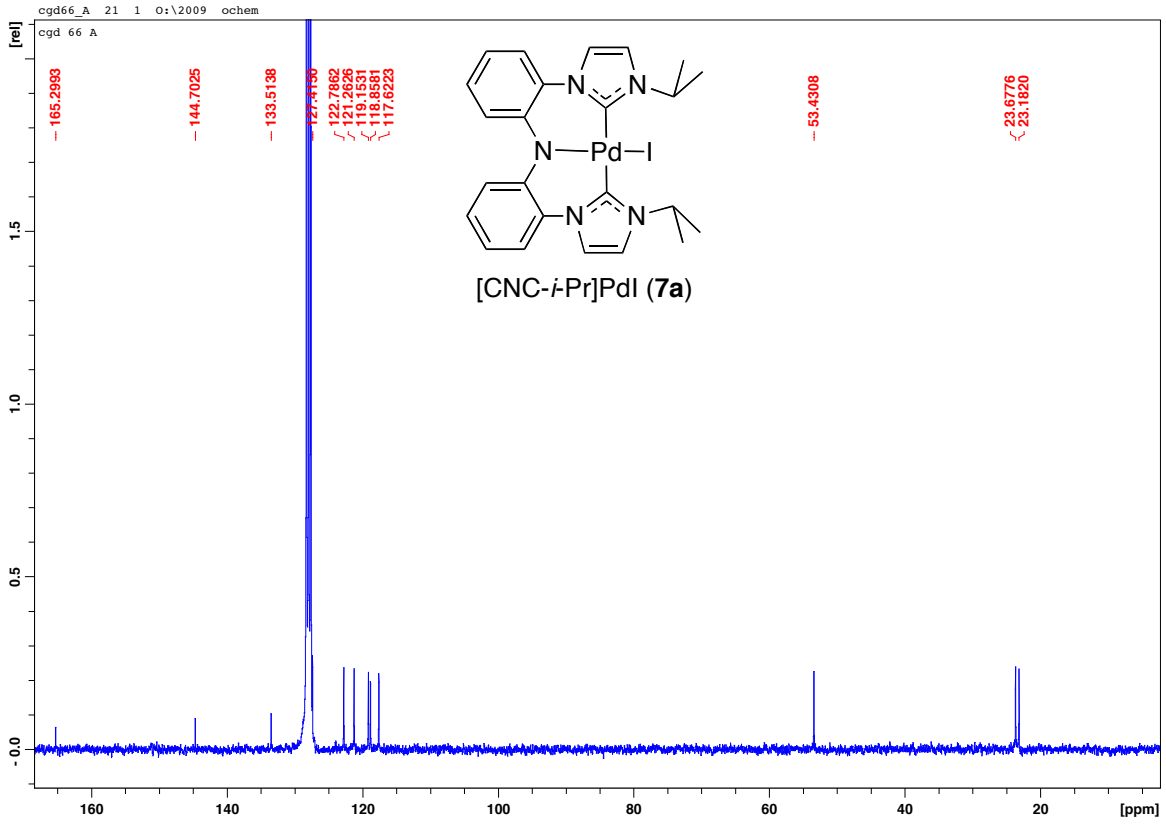
6 ^{13}C NMR (75 MHz, $CDCl_3$)



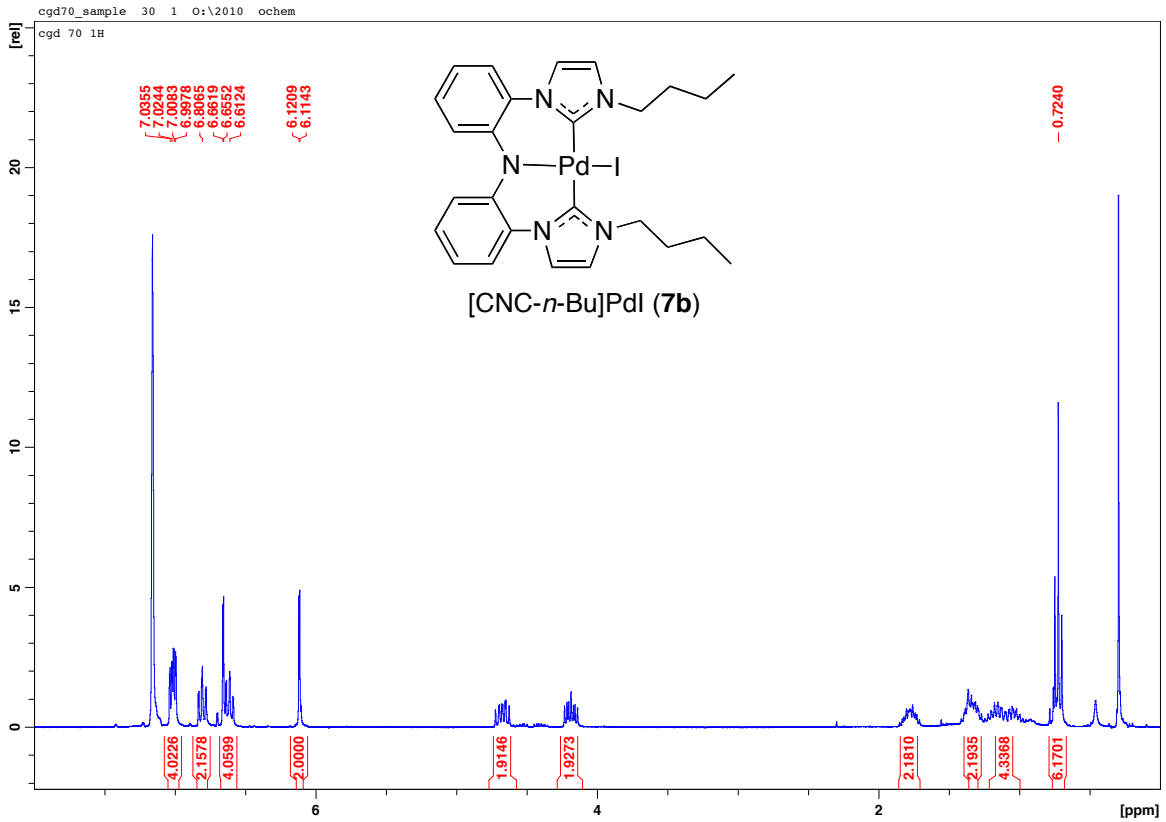
7a ^{1}H NMR (300 MHz, C_6D_6)



7a ^{13}C NMR (75 MHz, C_6D_6)

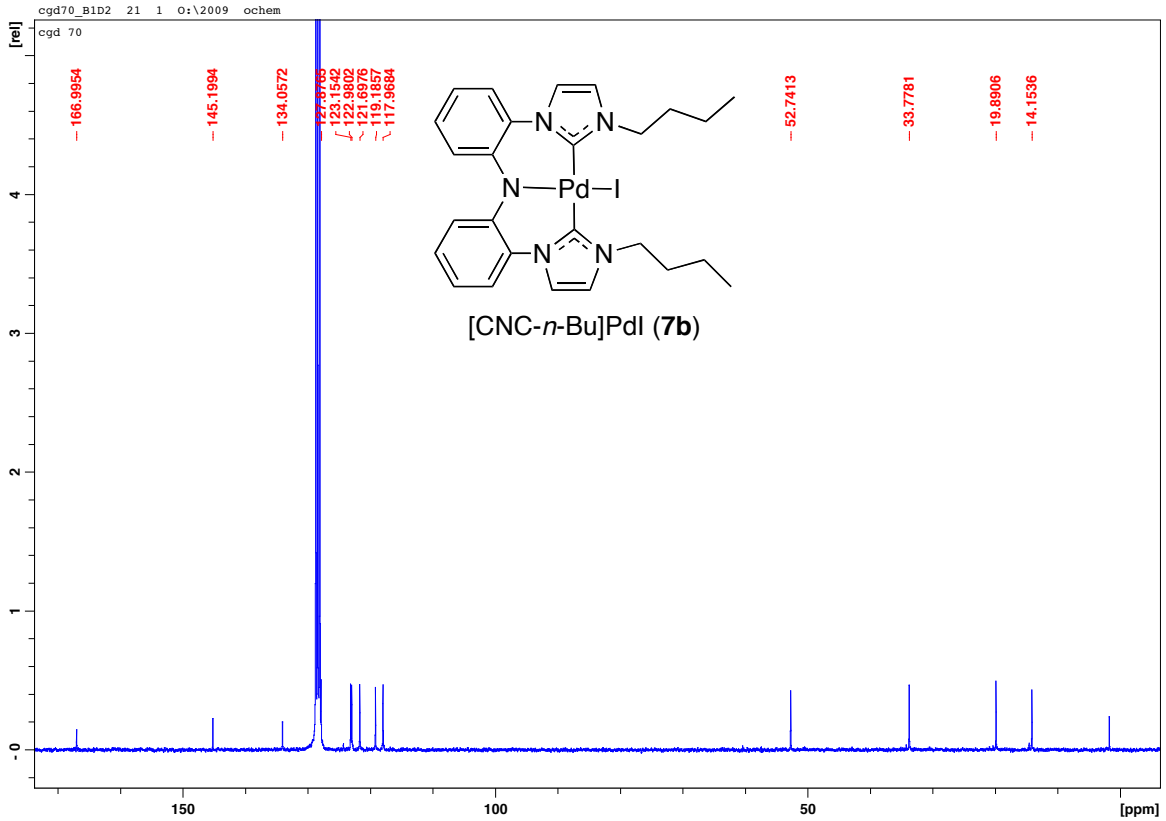


7b ^{1}H NMR (300 MHz, C_6D_6)



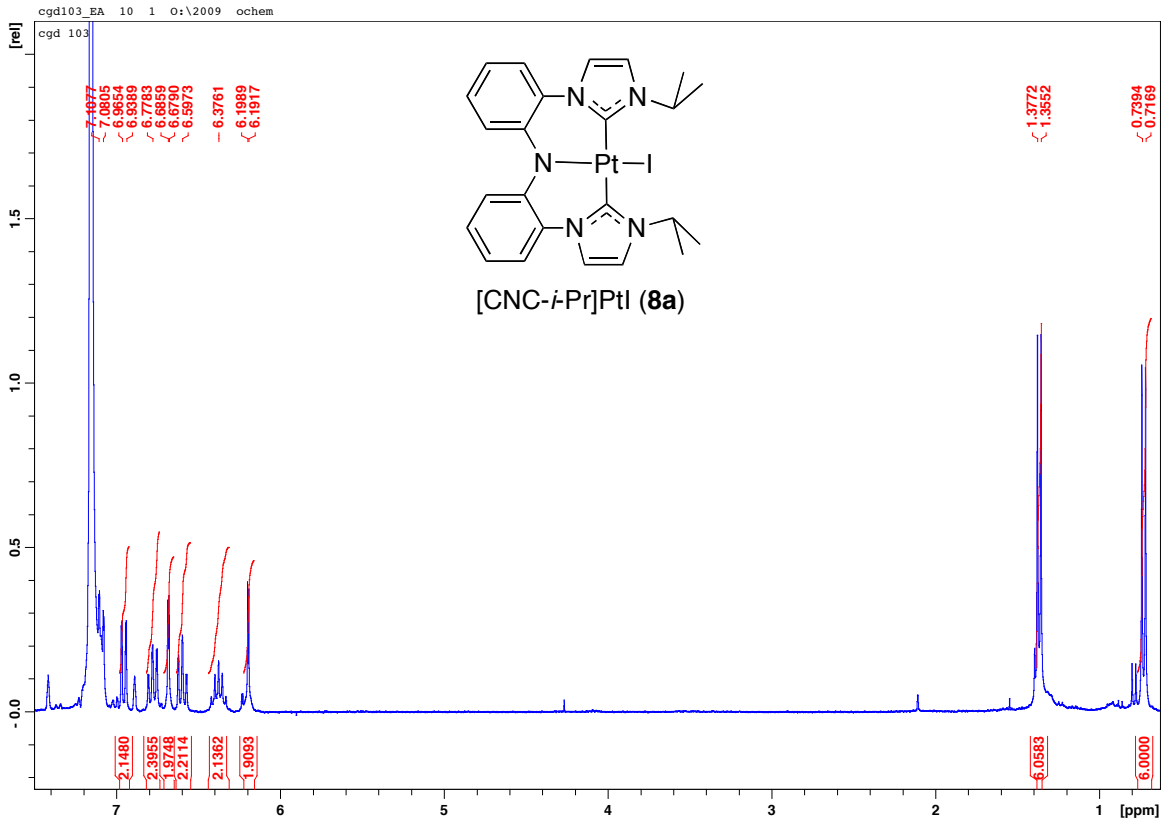
[CNC-*n*-Bu]PdI (**7b**)

7b ^{13}C NMR (75 MHz, C_6D_6)

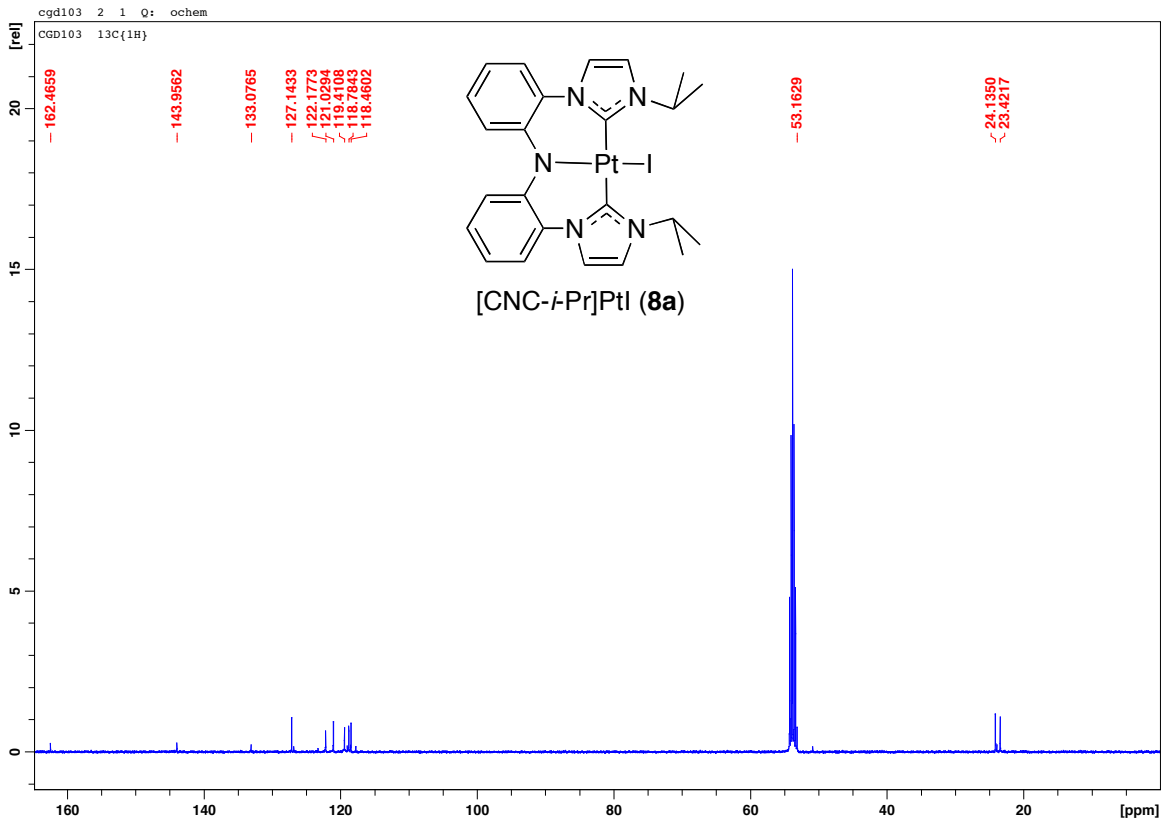


[CNC-*n*-Bu]PdI (**7b**)

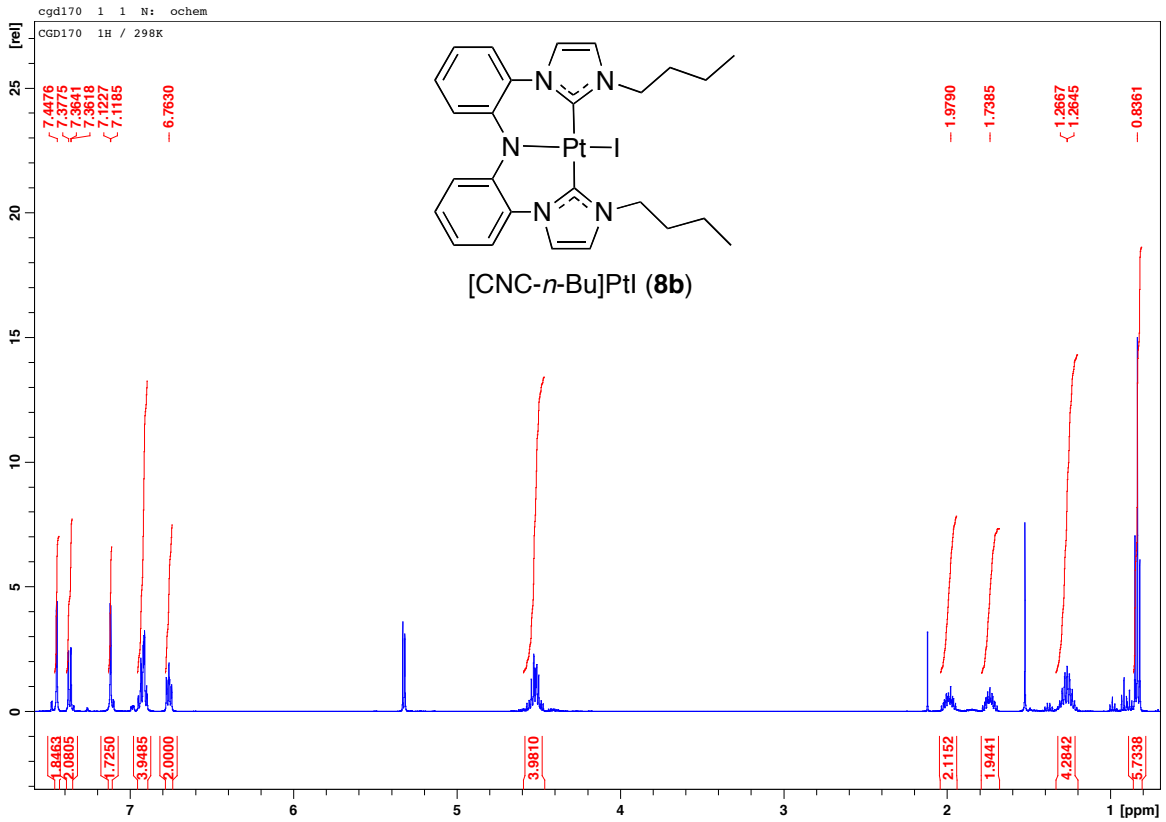
8a ^{1}H NMR (300 MHz, C_6D_6)



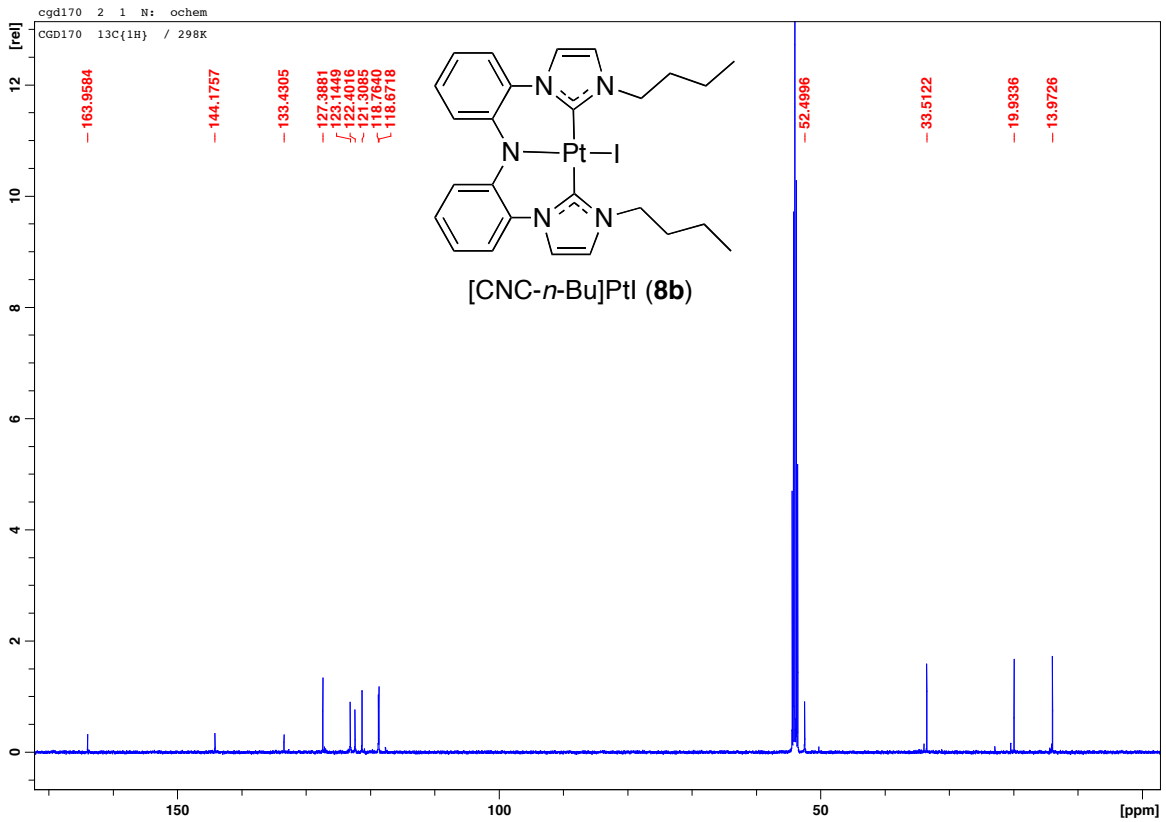
8a ^{13}C NMR (125 MHz, CD_2Cl_2)



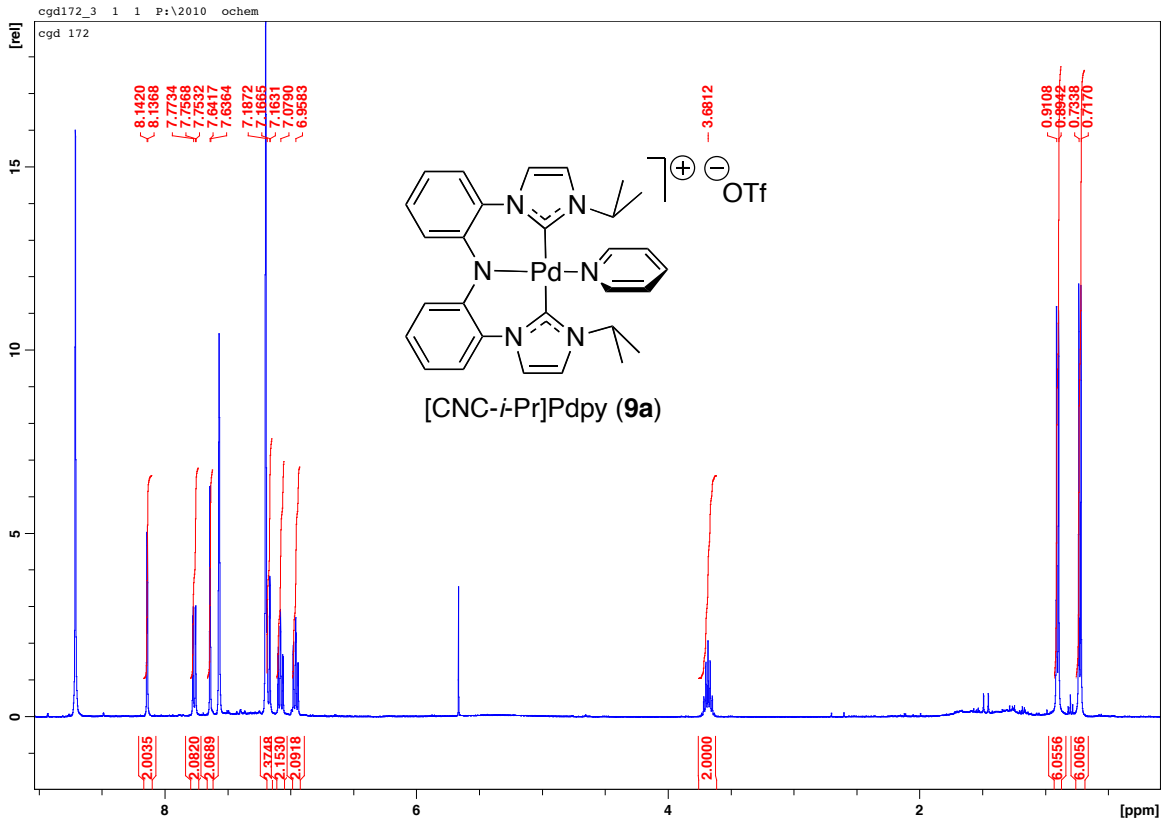
8b ^{1}H NMR (500 MHz, CD_2Cl_2)



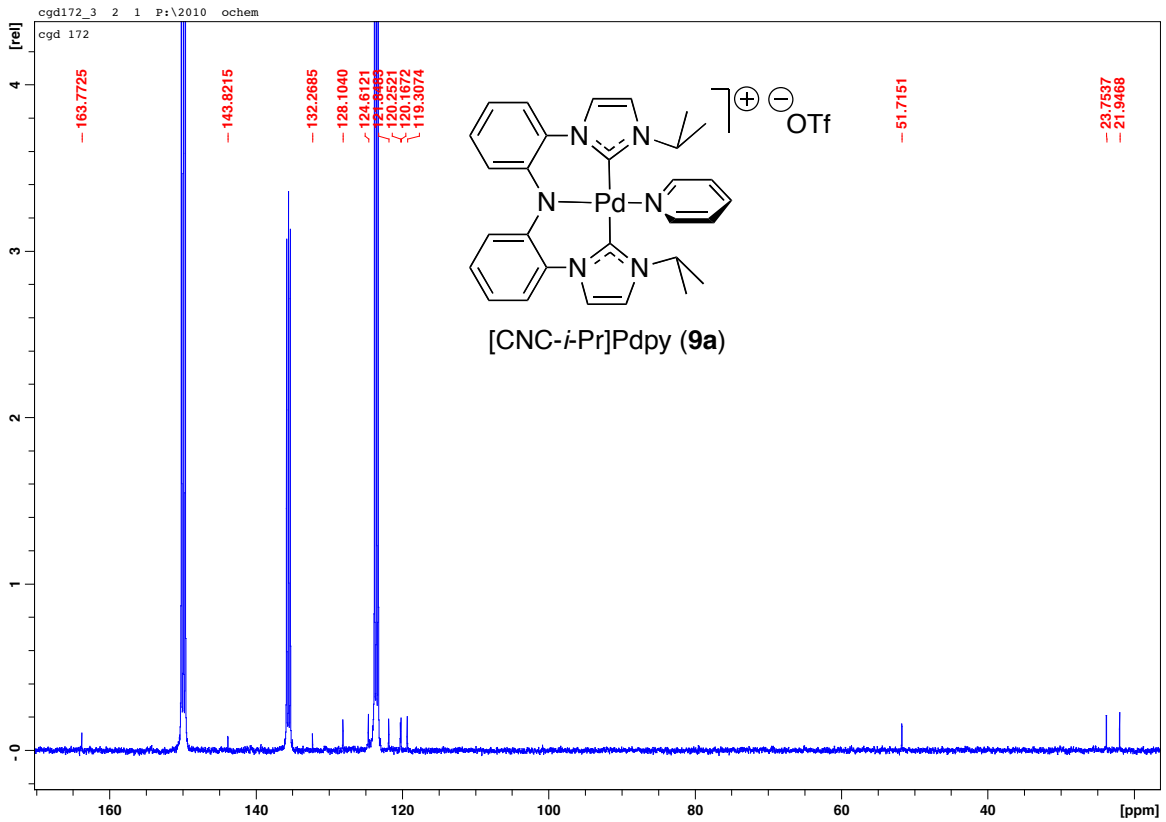
8b ^{13}C NMR (125 MHz, CD_2Cl_2)



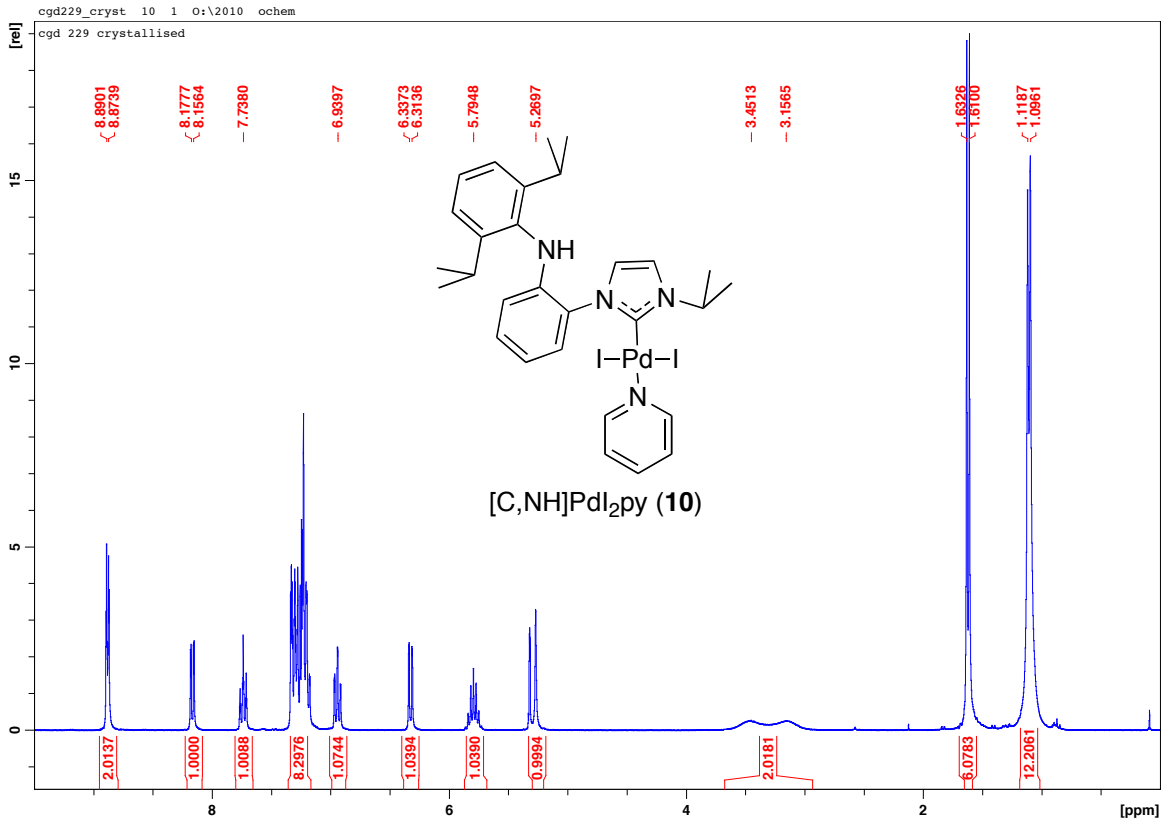
9a ^{1}H NMR (400 MHz, d_5-pyridine)



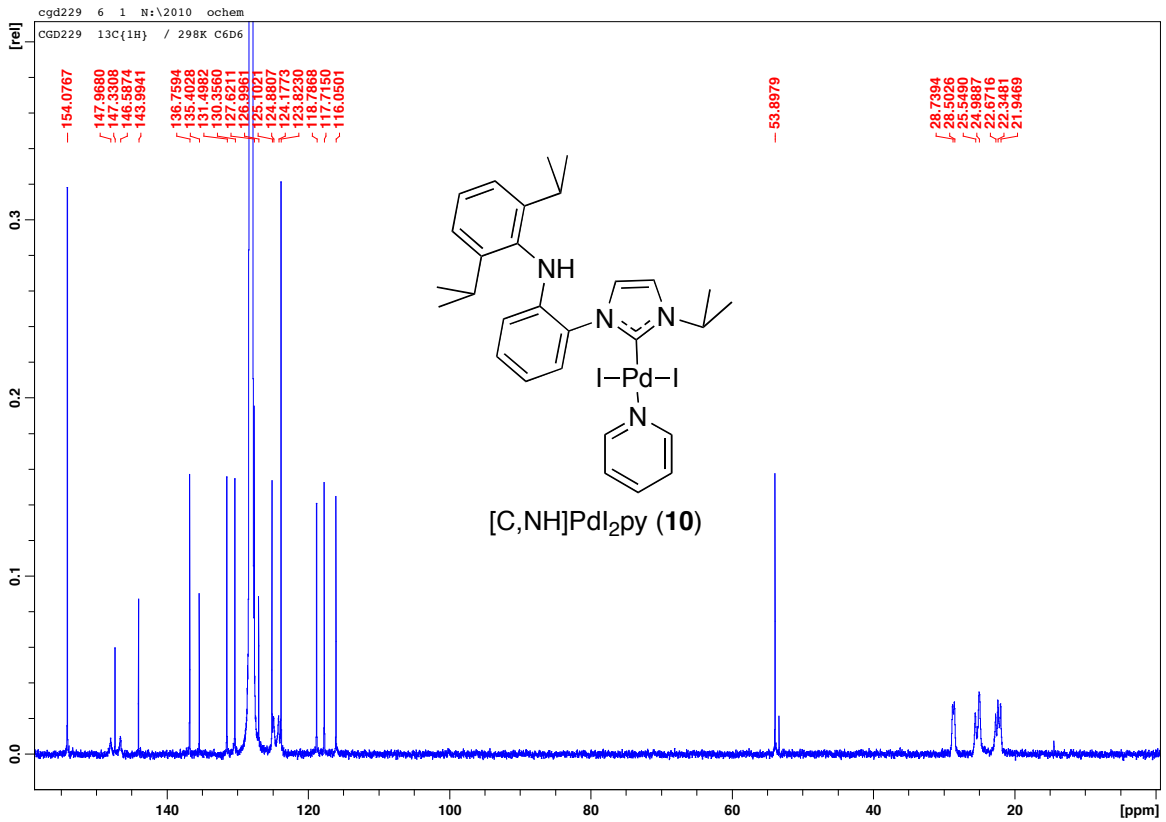
9a ^{13}C NMR (125 MHz, d_5-pyridine)



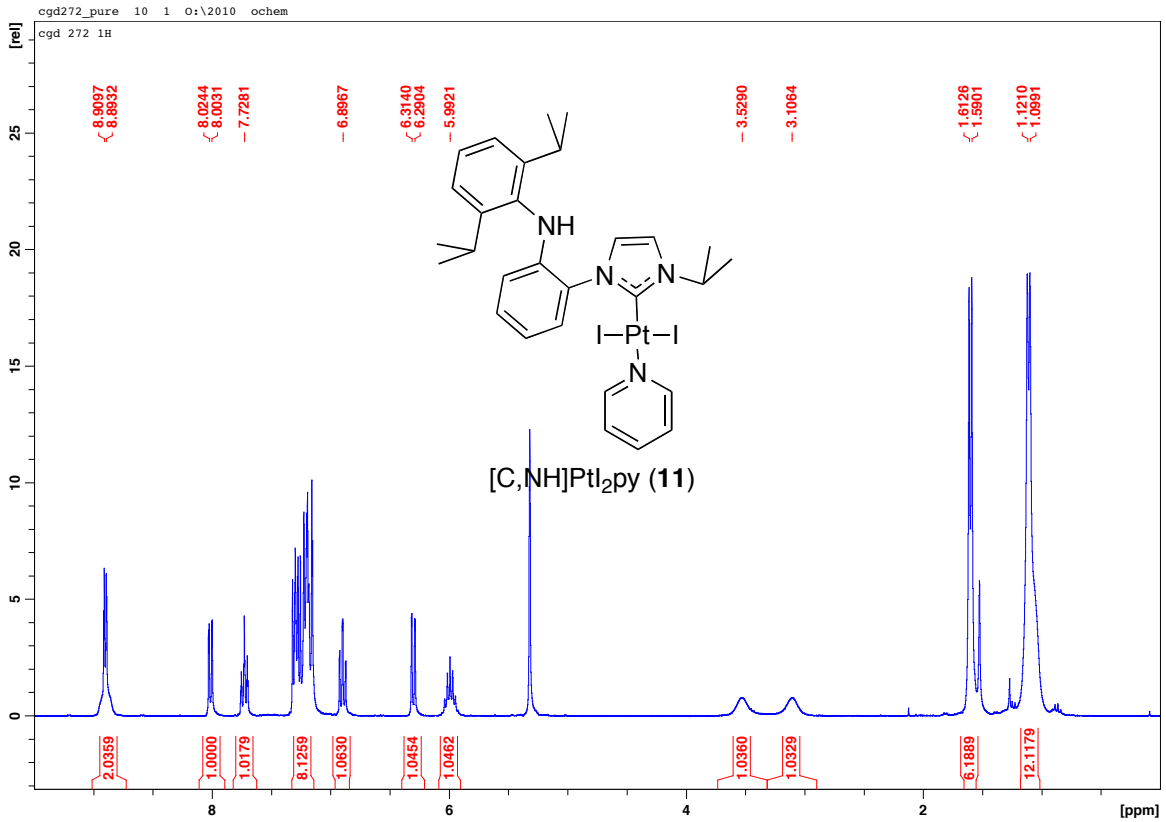
10 ^{1}H NMR (300 MHz, CD_2Cl_2)



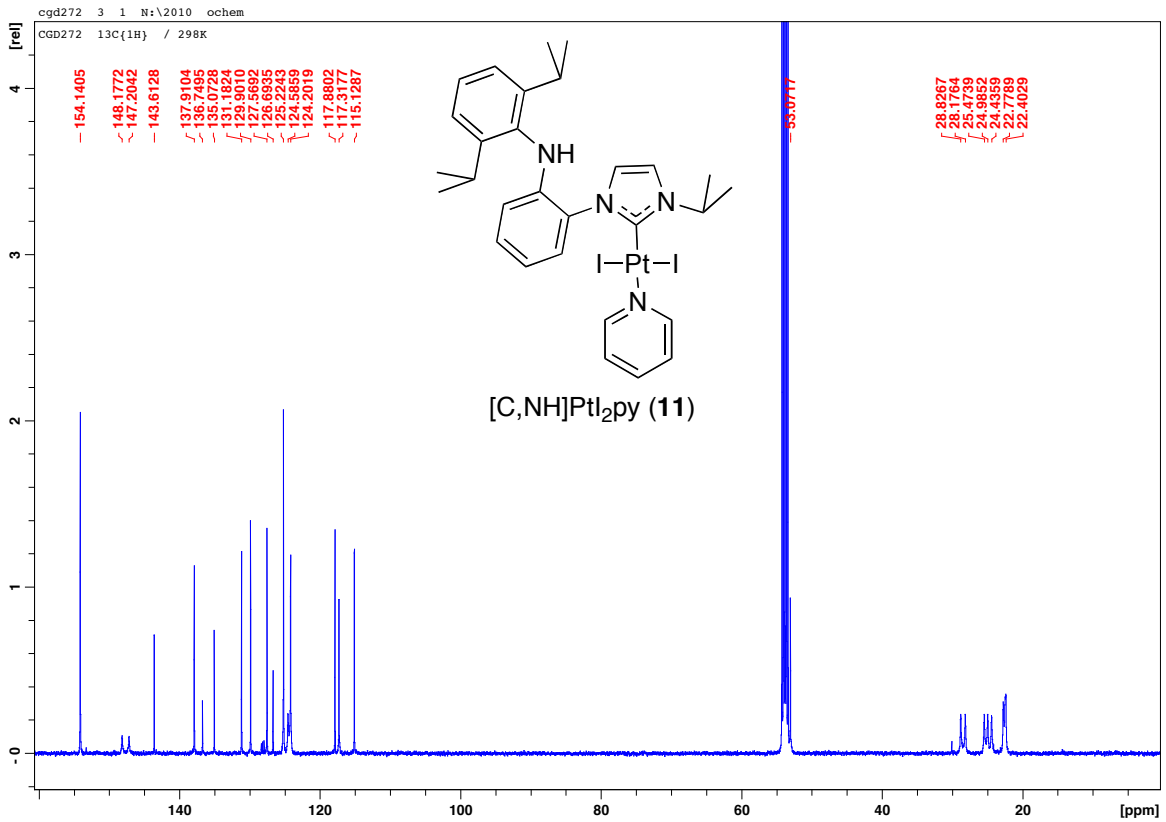
10 ^{13}C NMR (125.8 MHz, C_6D_6)



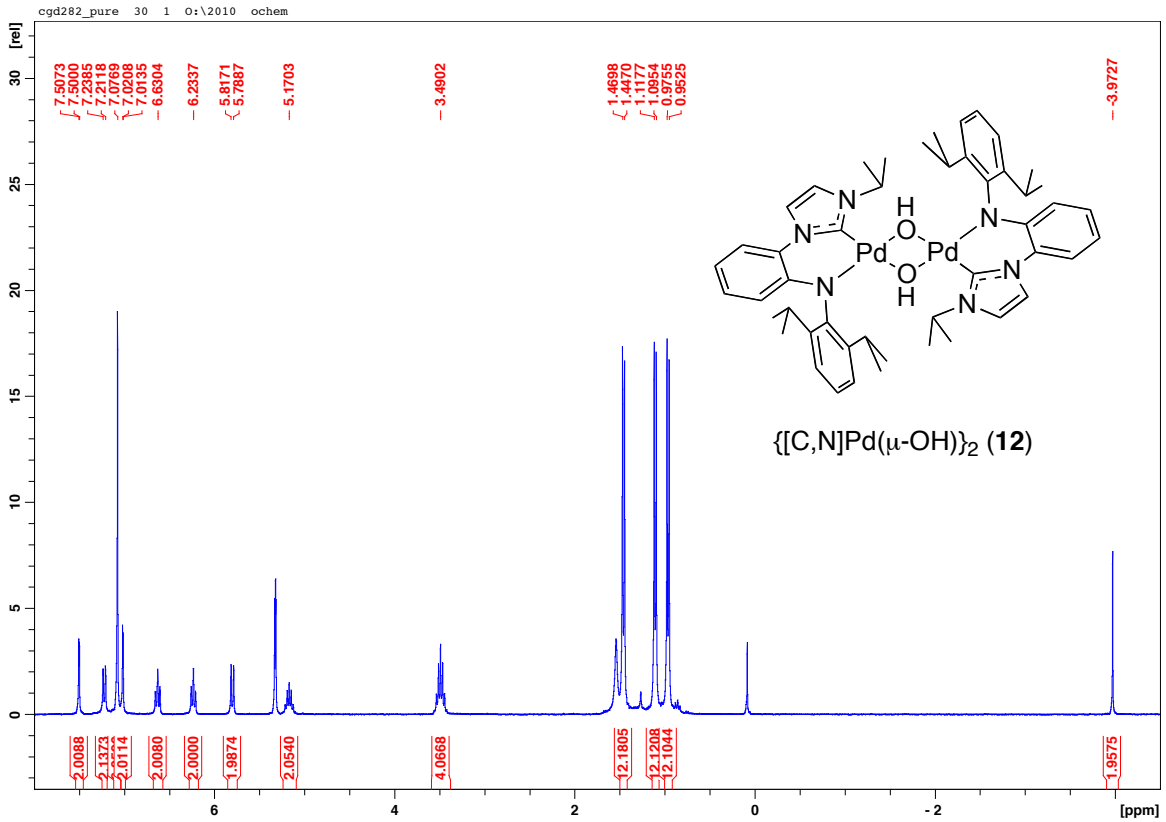
11 ^{1}H NMR (300 MHz, CD_2Cl_2)



11 ^{13}C NMR (125.8 MHz, CD_2Cl_2)



12 ^{1}H NMR (300 MHz, CD_2Cl_2)



12 ^{13}C NMR (75 MHz, C_6D_6)