

Supporting Information

for

Half-sandwich nickel(II) complexes bearing 1,3-di(cycloalkyl)imidazol-2-ylidene ligands

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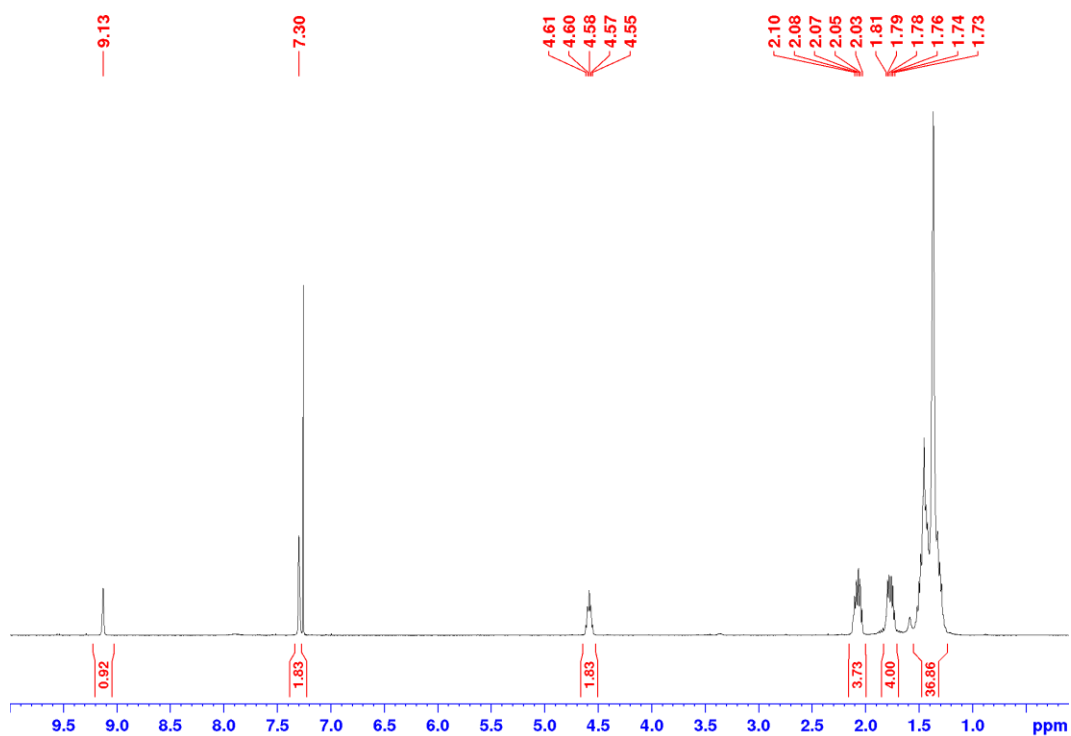
* Corresponding author

NMR spectra for compounds and complexes

NMR Spectra

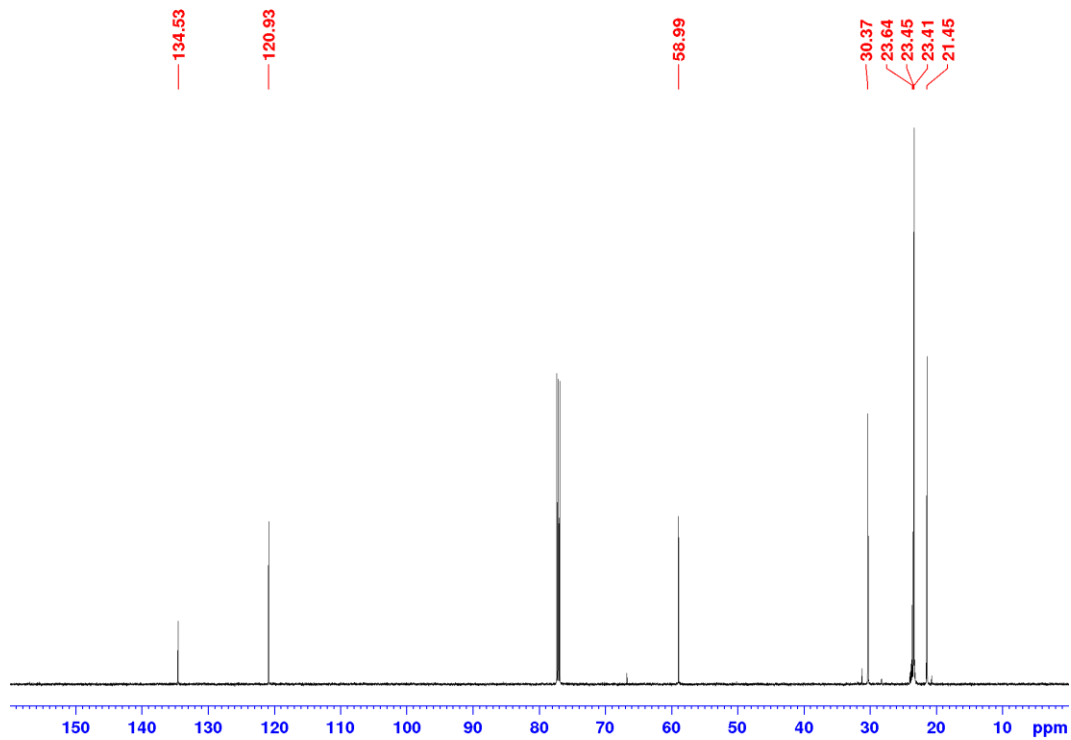
IDD-HBF₄

¹H NMR (400 MHz, CDCl₃)



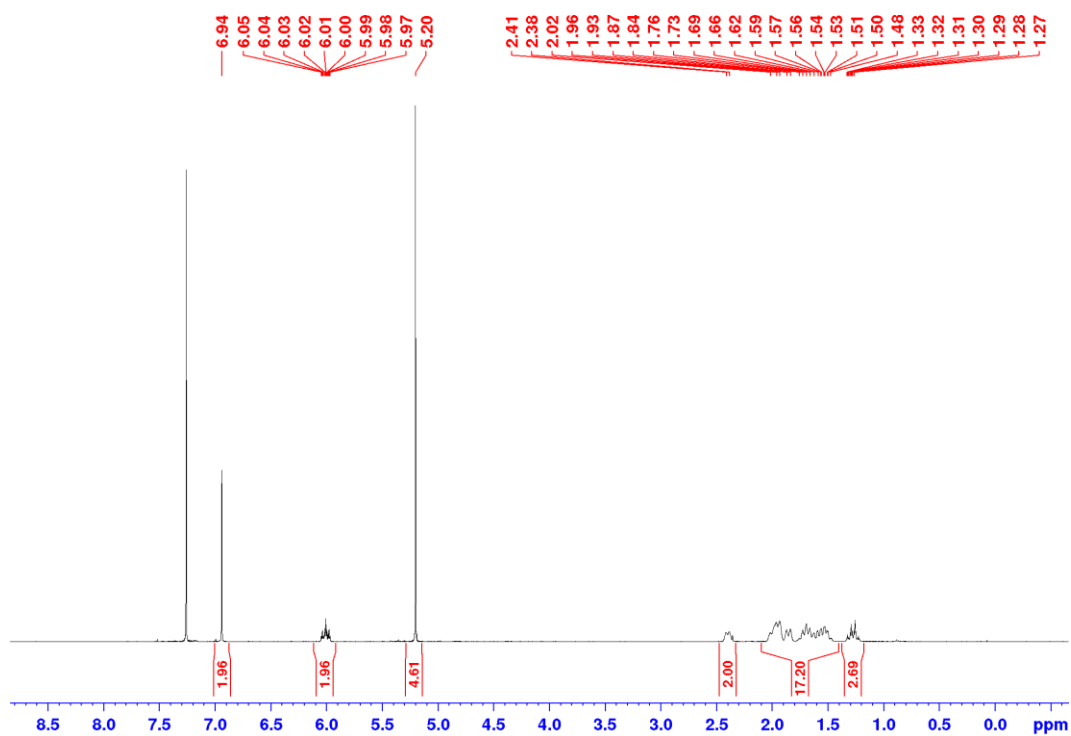
IDD-HBF₄

¹³C{¹H} NMR (151 MHz, CDCl₃)



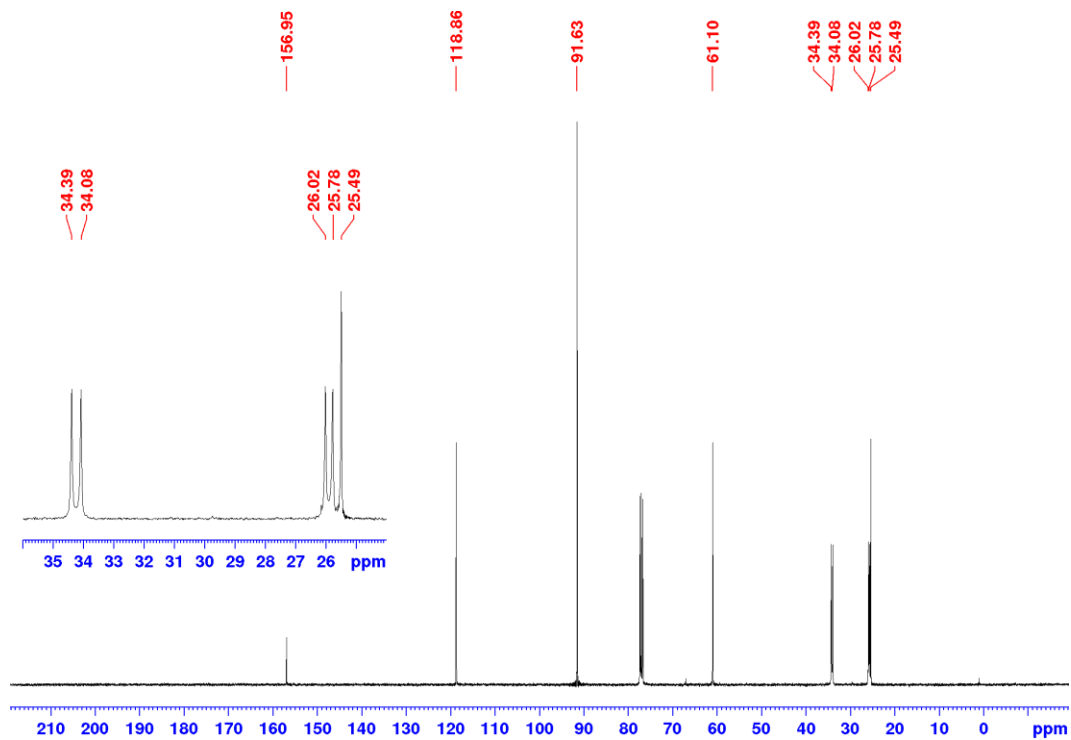
[NiCl(Cp)(ICy)]

^1H NMR (400 MHz, CDCl_3)



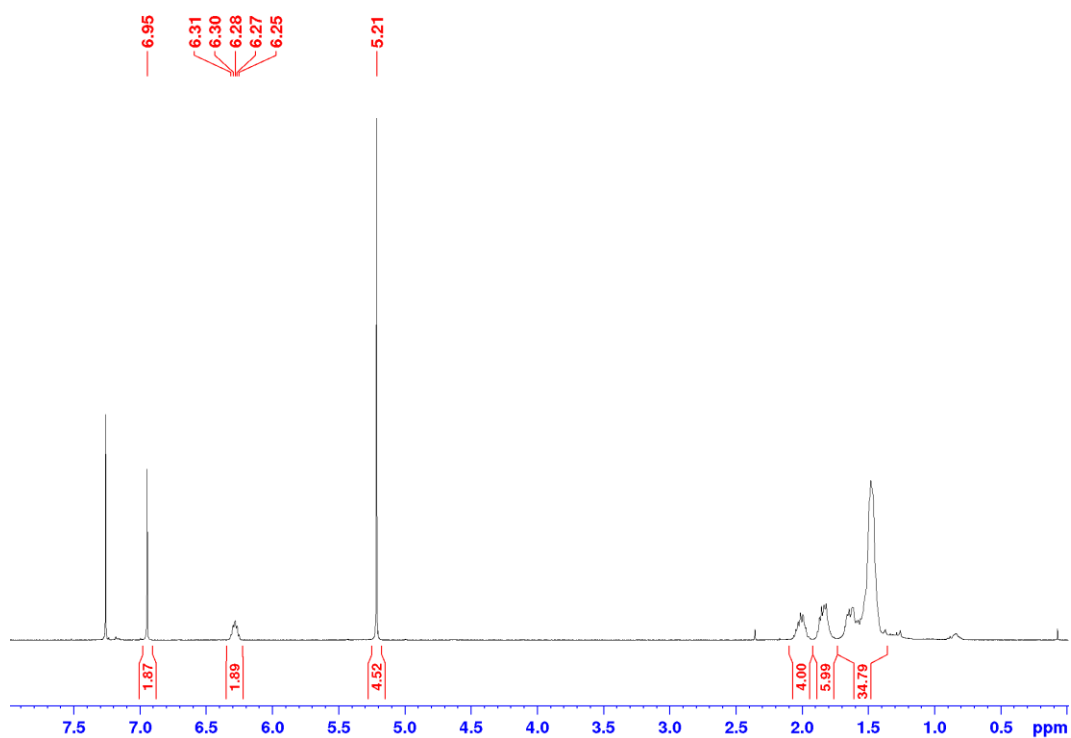
[NiCl(Cp)(ICy)]

$^{13}\text{C}\{^1\text{H}\}$ NMR (101 MHz, CDCl_3)



[NiCl(Cp)(IDD)]

^1H NMR (400 MHz, CDCl_3)



[NiCl(Cp)(IDD)]

$^{13}\text{C}\{^1\text{H}\}$ NMR (151 MHz, CDCl_3)

