

Electronic Supplementary Information for Dalton Transactions

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**Supplementary Information for:**

**Mono-Anionic Acetophenone Imine Ligands: Synthesis, Ortho-Lithiation and First Examples of Group V Metal Complexes**

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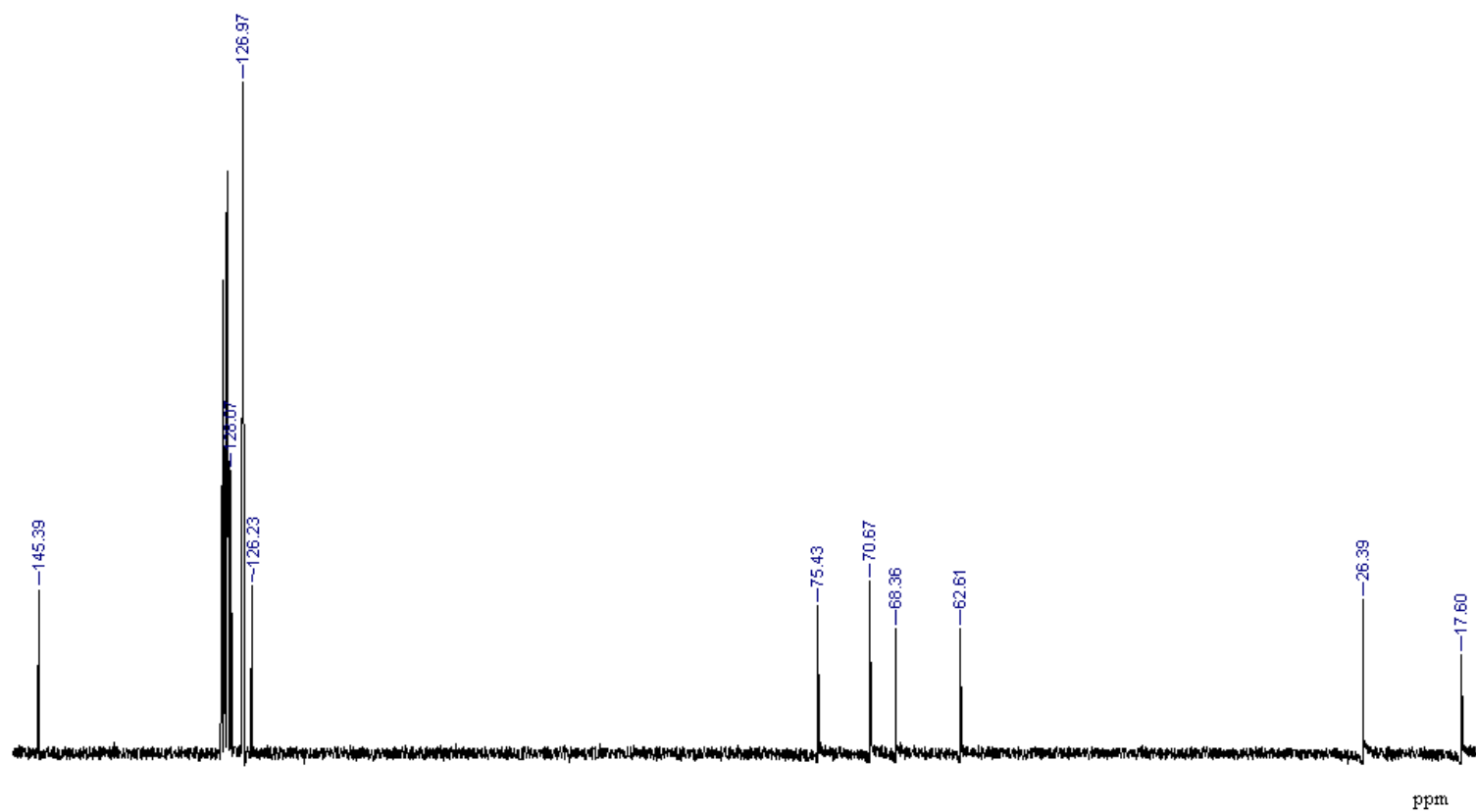
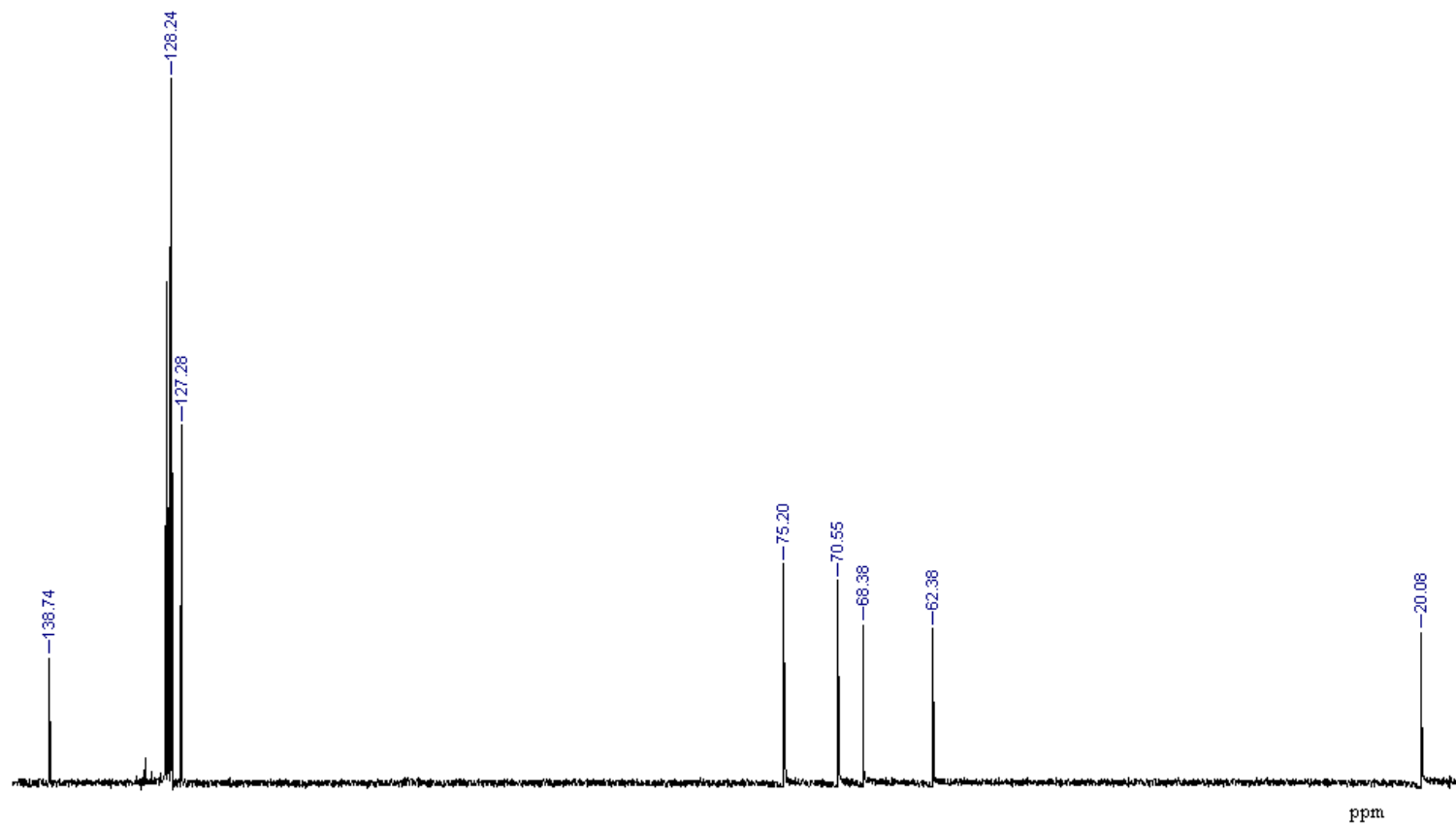


Figure S1:  $^{13}\text{C}\{^1\text{H}\}$  NMR Spectrum of  $\text{Nb}(\text{N}-2,6\text{-Et}_2\text{C}_6\text{H}_3)\text{Cl}_3(\text{dme})$  (10).



**Figure S2:**  $^{13}\text{C}\{^1\text{H}\}$  NMR Spectrum of  $\text{Nb}(\text{N}-2,6\text{-Me}_2\text{C}_6\text{H}_3)\text{Cl}_3(\text{dme})$  (**11**).