

Supporting Information

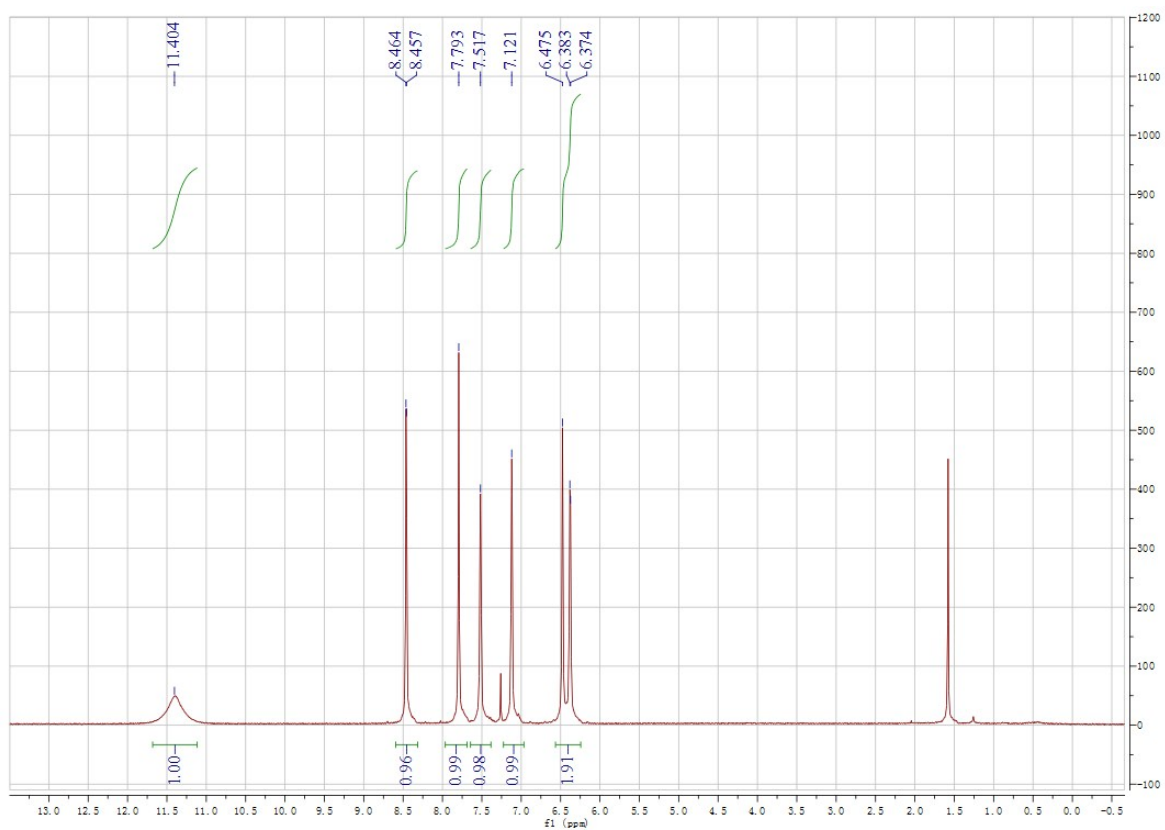
[NO] and [NN]-Coordination Modes Rhodium Complexes Based on Flexible Ligand: Synthesis, Reactivity and Catalytic Activity

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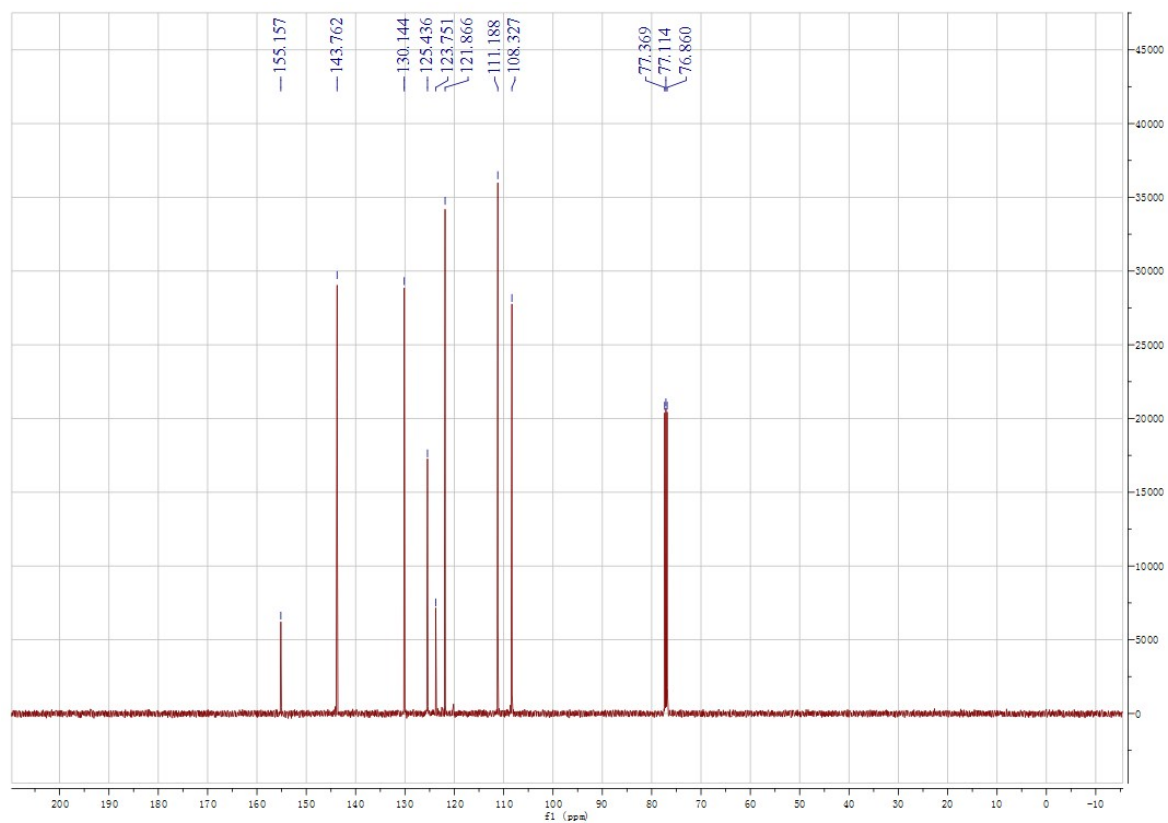
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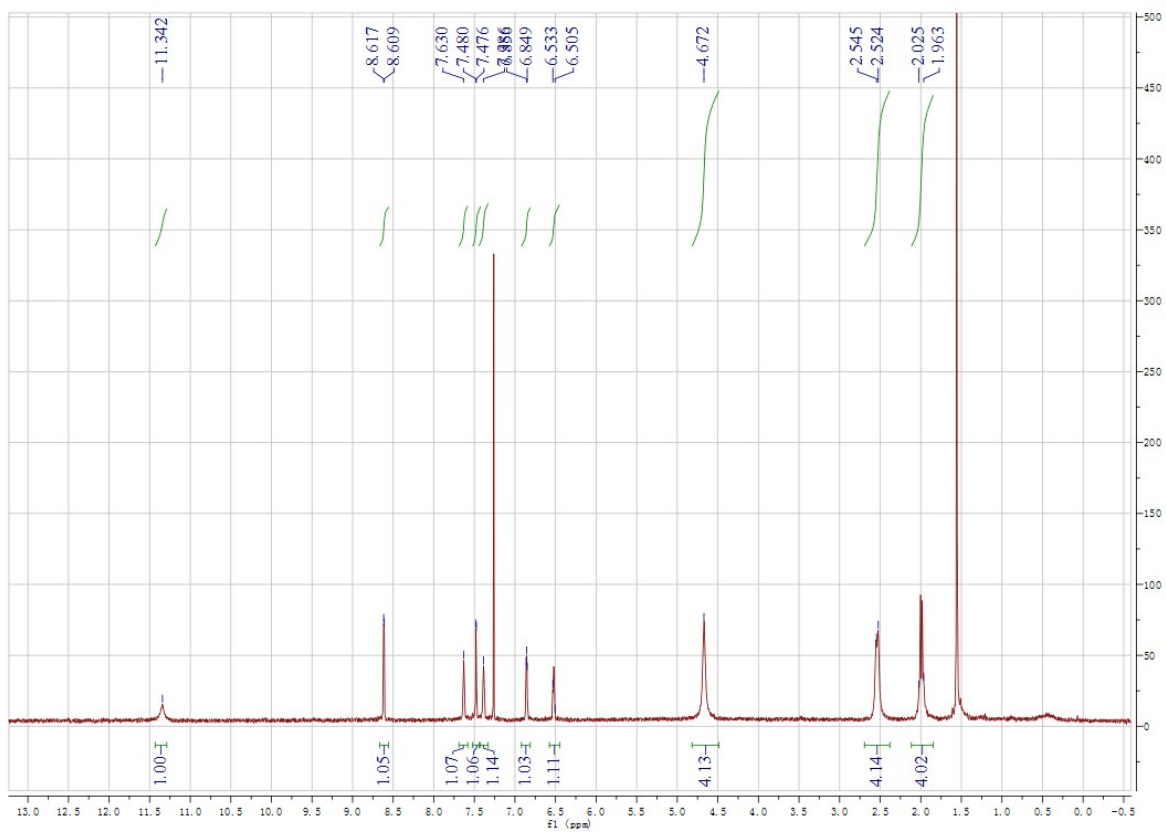
^1H NMR spectrum of **L**



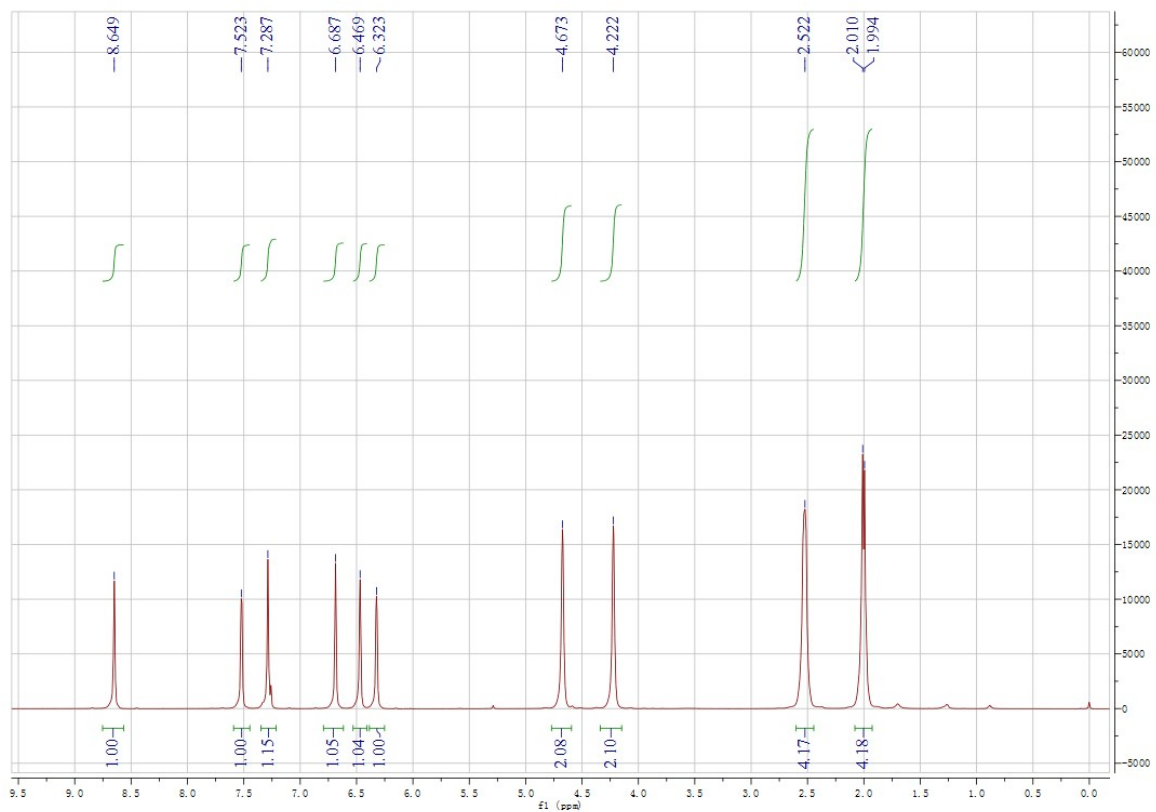
^{13}C NMR spectrum of **L**



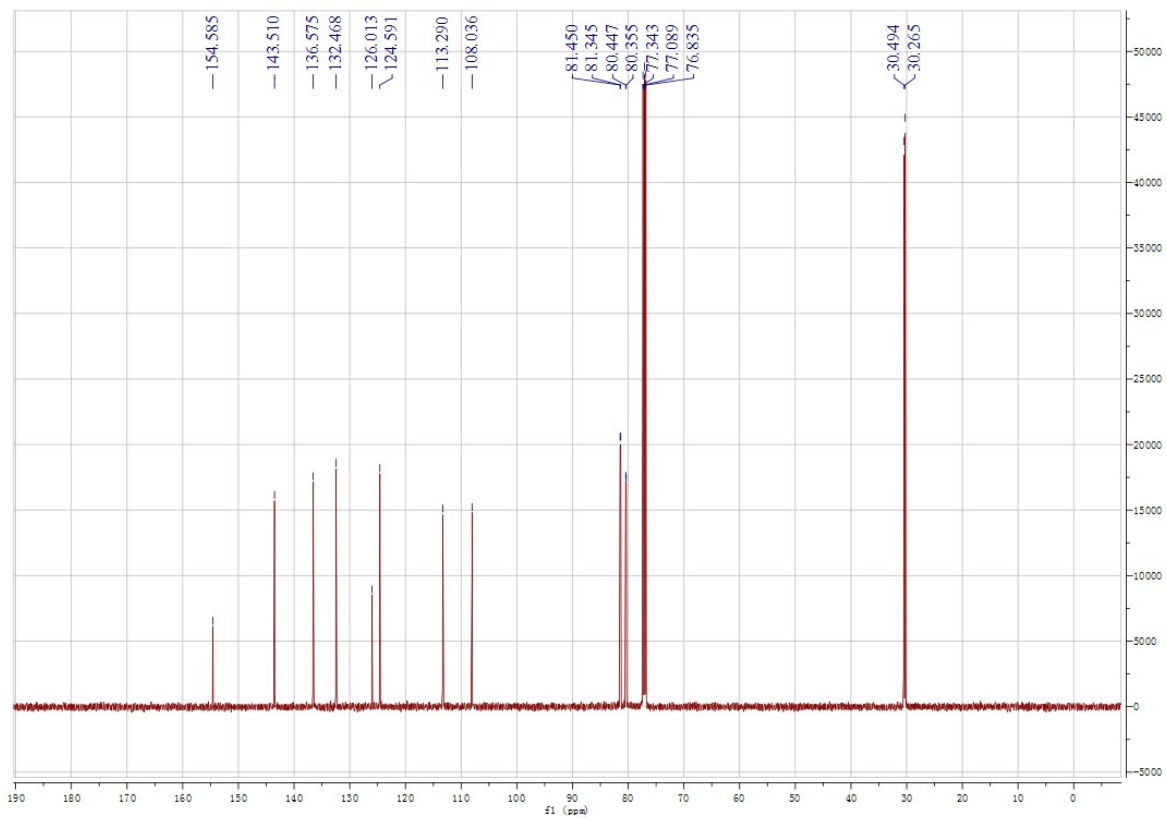
¹H NMR spectrum of 1



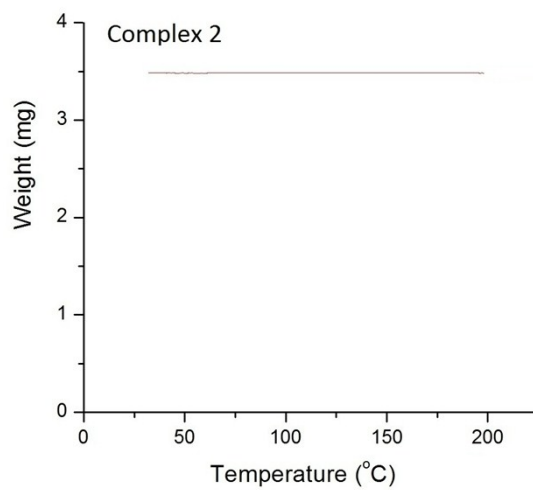
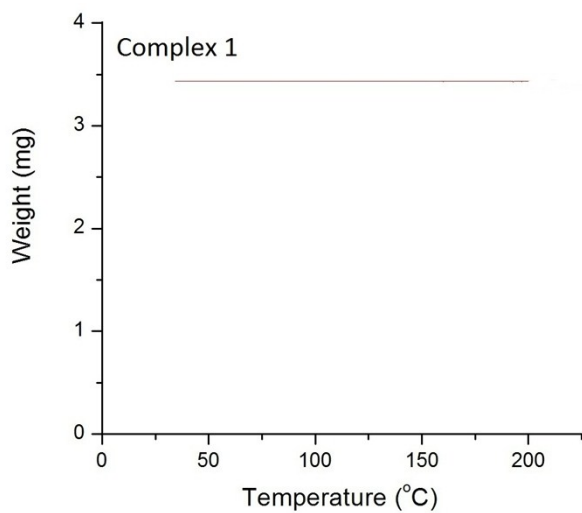
¹H NMR spectrum of 2



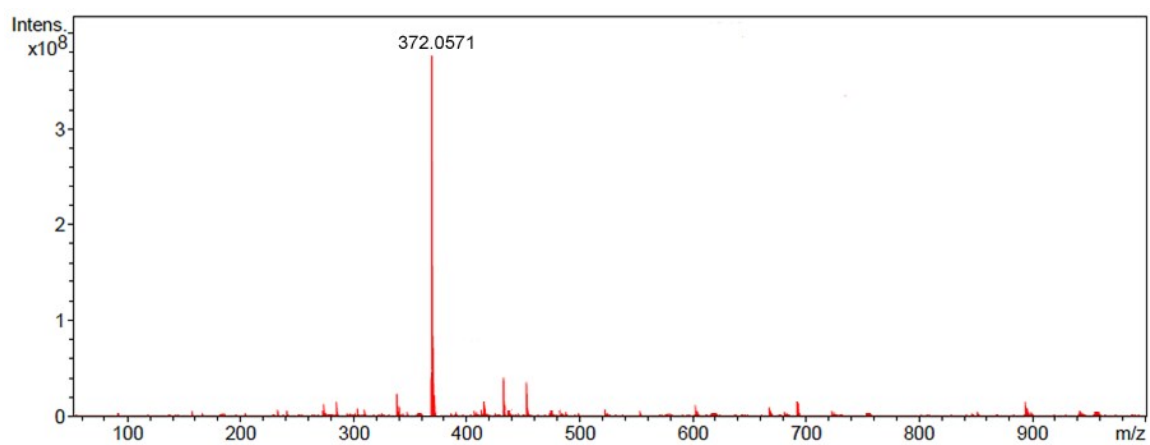
¹³C NMR spectrum of 2



TGA curves of complex 1 and 2



HRMS of complex 1 $[M-BF_4]^+$ peak was found.



HRMS of complex 2 $[M+H]^+$ peak was found.

