

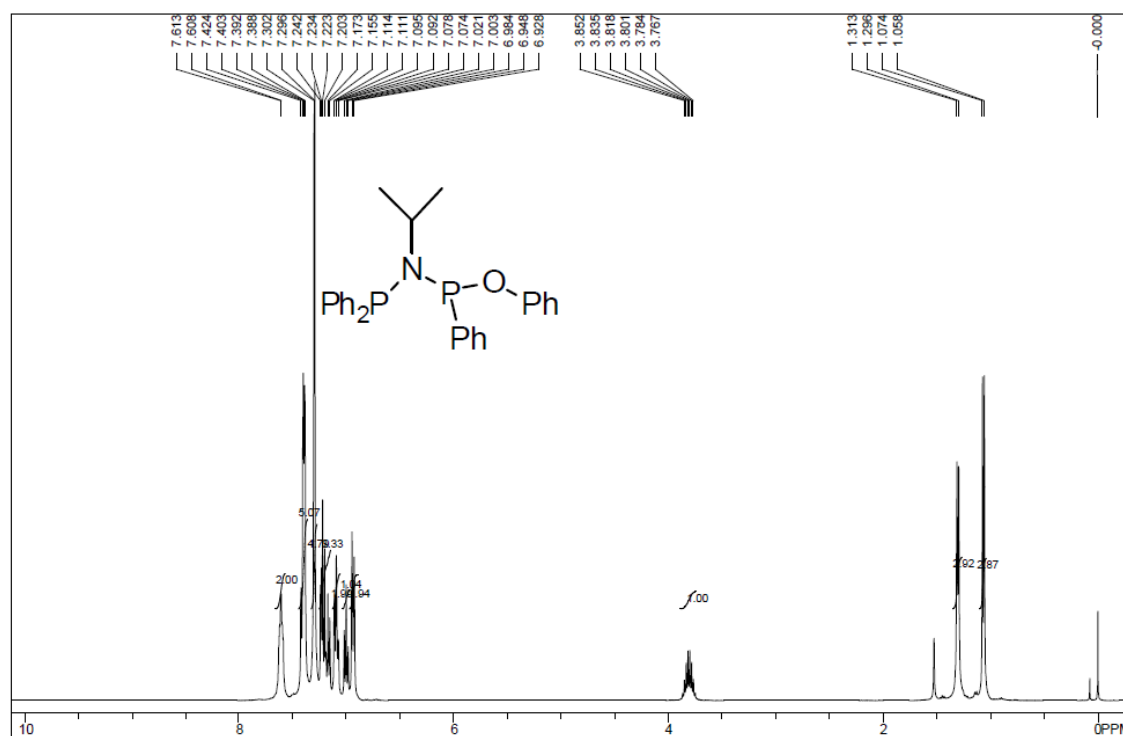
Electronic Supplementary Information for
Highly Active Chromium-Base Selective Ethylene Tri-/Tetramerization
Catalysts Supported by PNPO Phosphazane Ligands

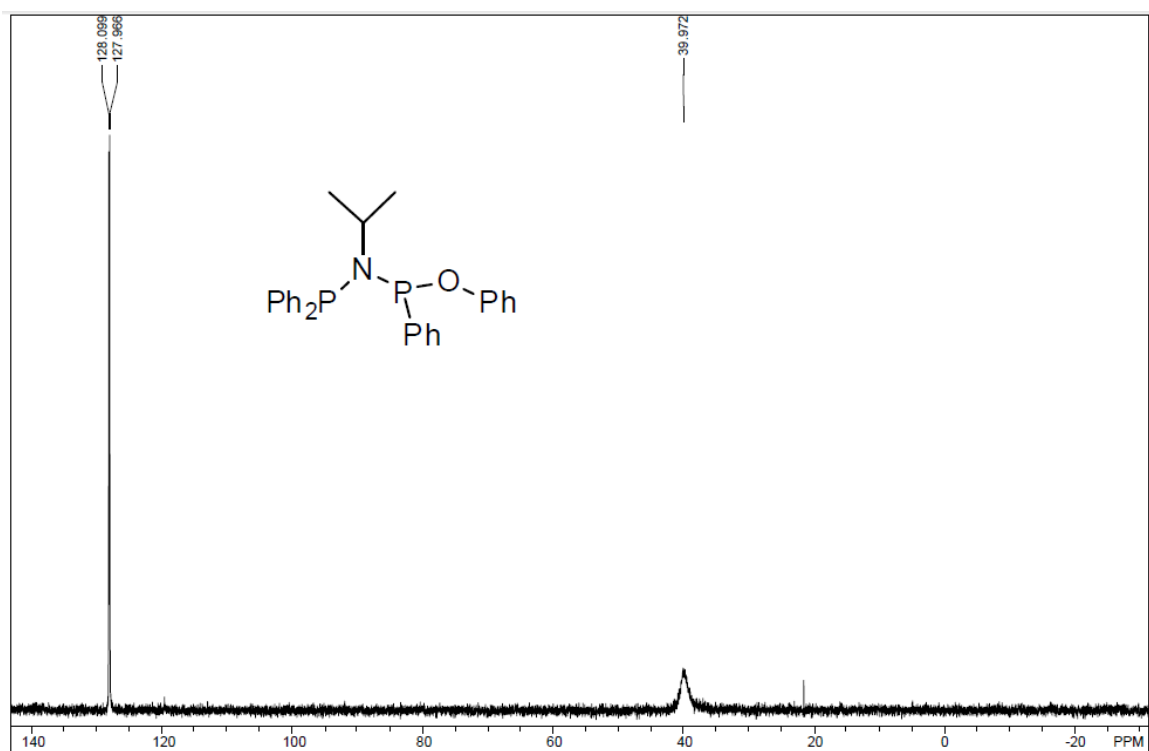
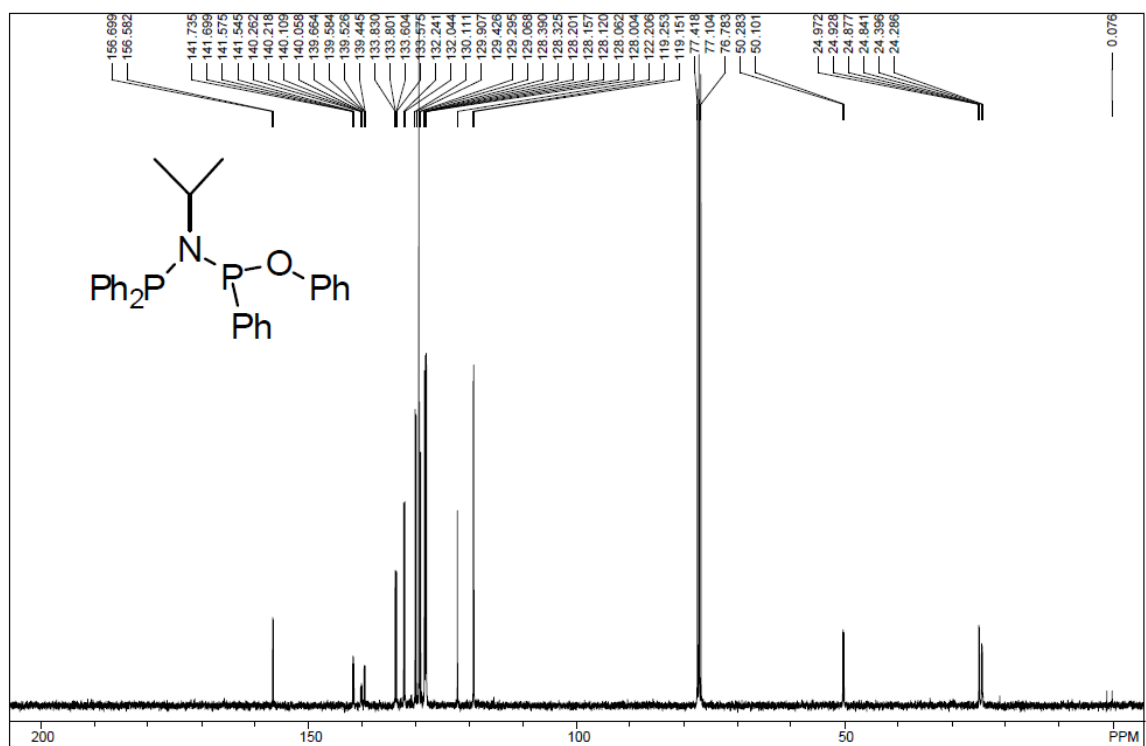
Yusheng Zhou, Hongfei Wu, Sheng Xu, Xuejun Zhang, Min Shi, and Jun Zhang*

General Information: NMR spectra were recorded by using a Bruker 400 MHz spectrometer. Chemical shifts are reported in ppm from tetramethylsilane with the solvent resonance as the internal standard (^1H NMR CDCl_3 : 7.26 ppm ; ^{13}C NMR CDCl_3 : 77.0 ppm).

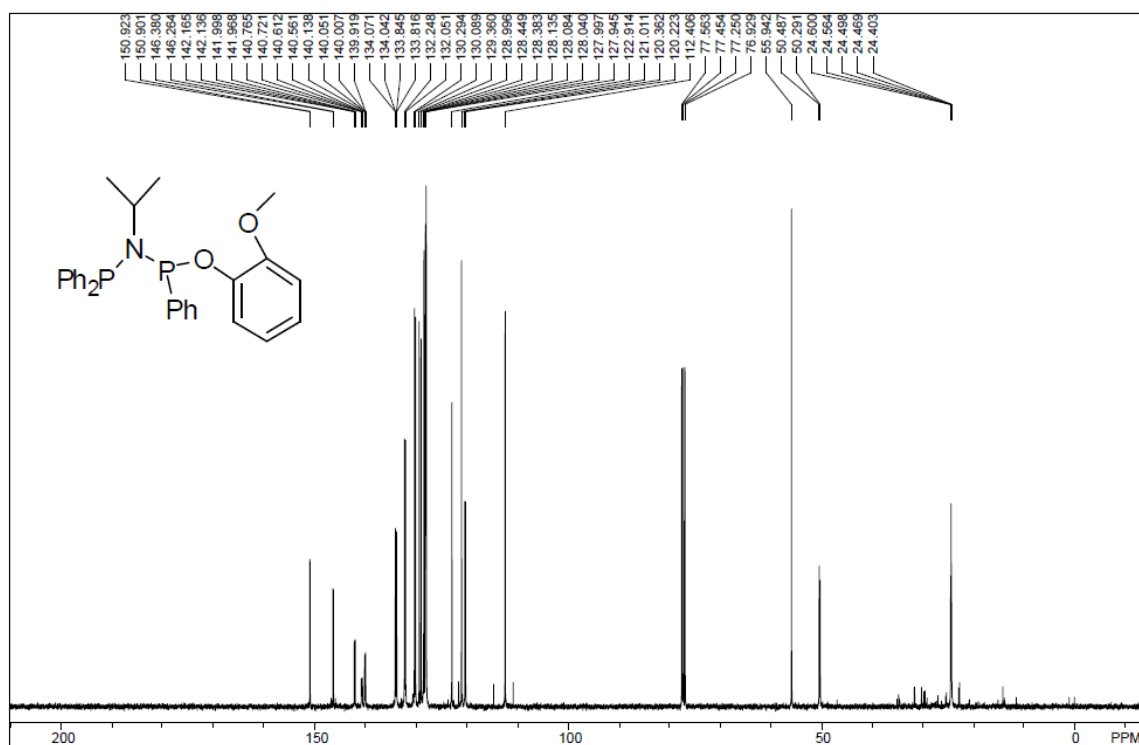
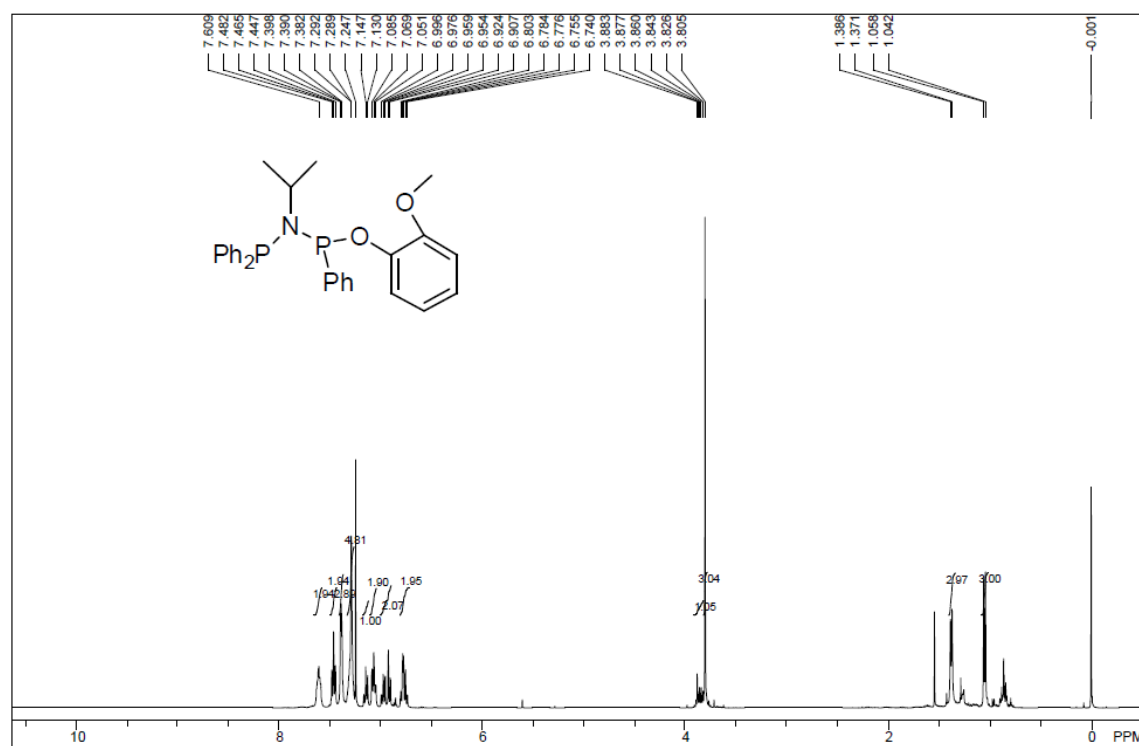
NMR Spectra:

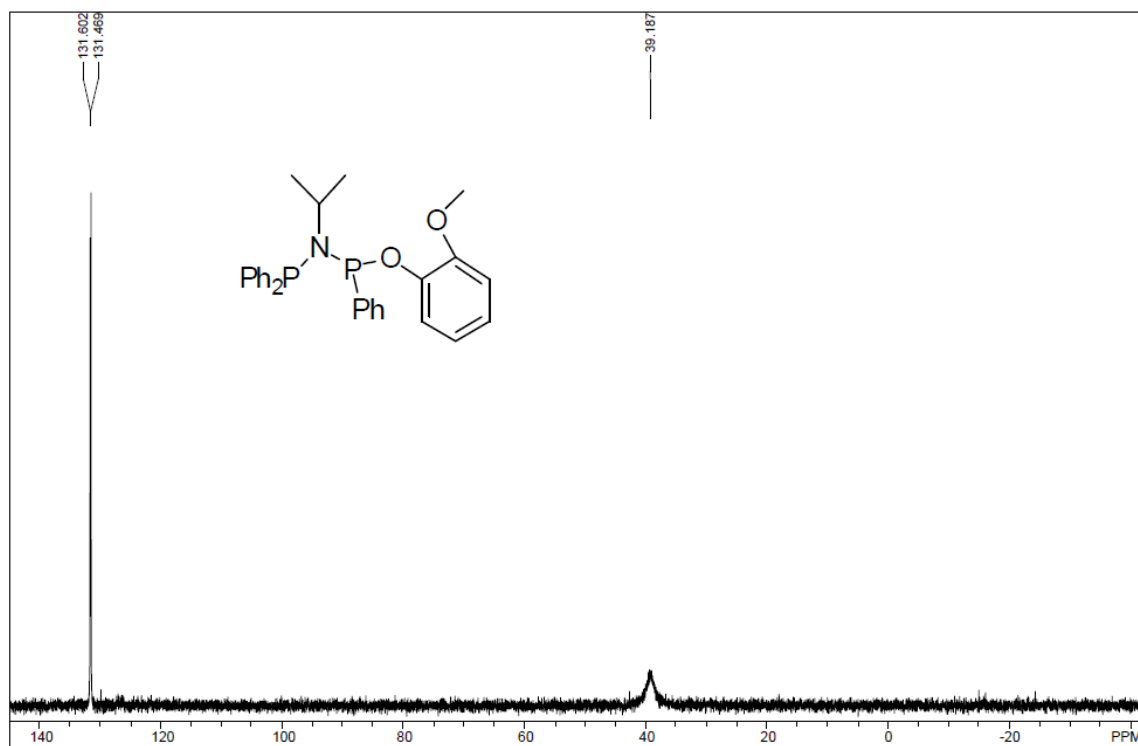
Ligand **L**¹



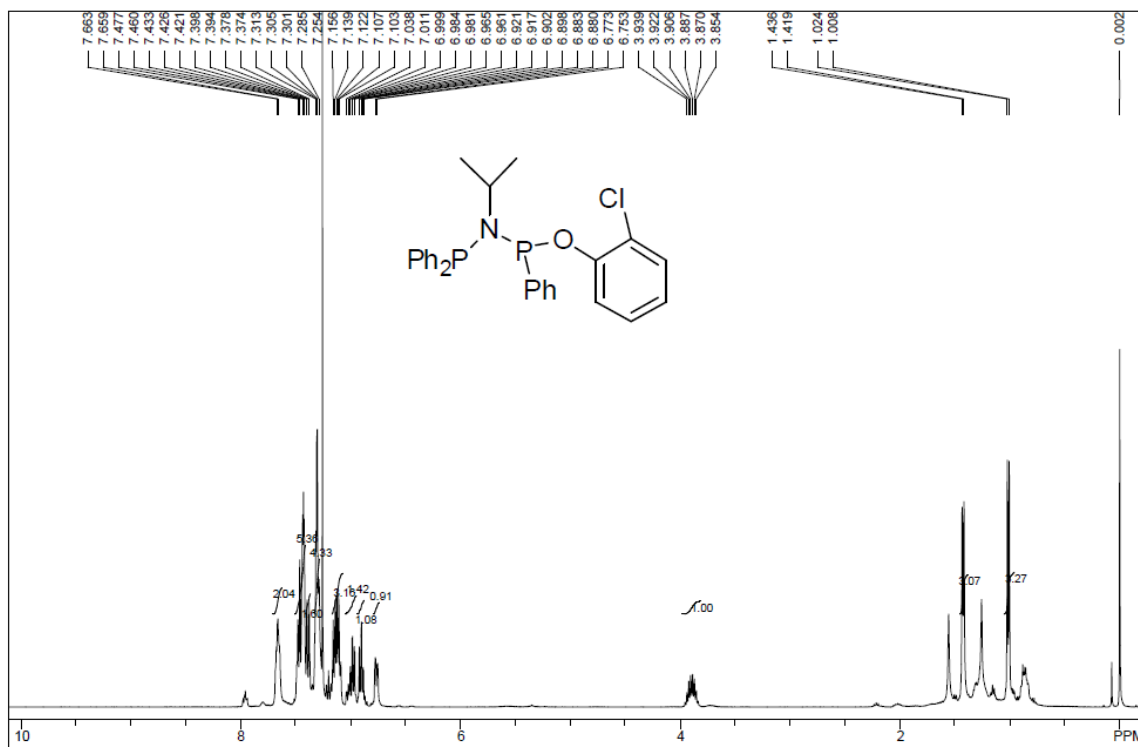


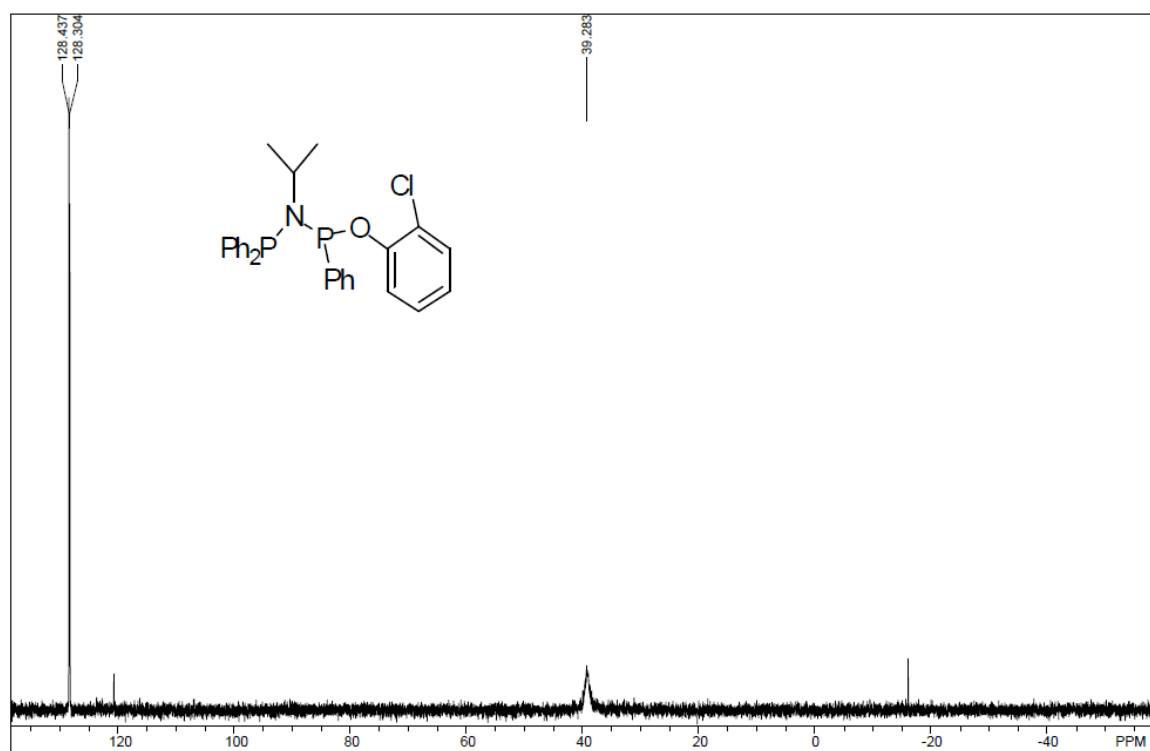
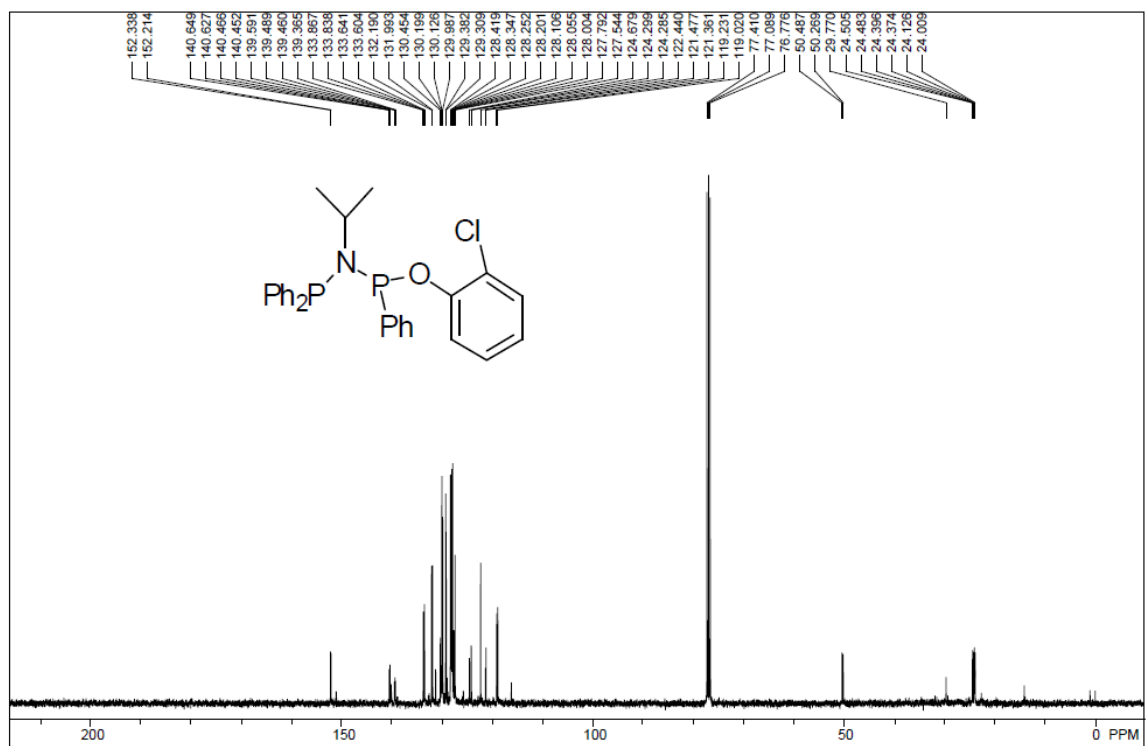
Ligand L³





Ligand L⁴





Ligand L⁵

