

Electronic Supplementary Information for:
**Zirconium and hafnium Salalen complexes in isospecific
polymerisation of propylene**

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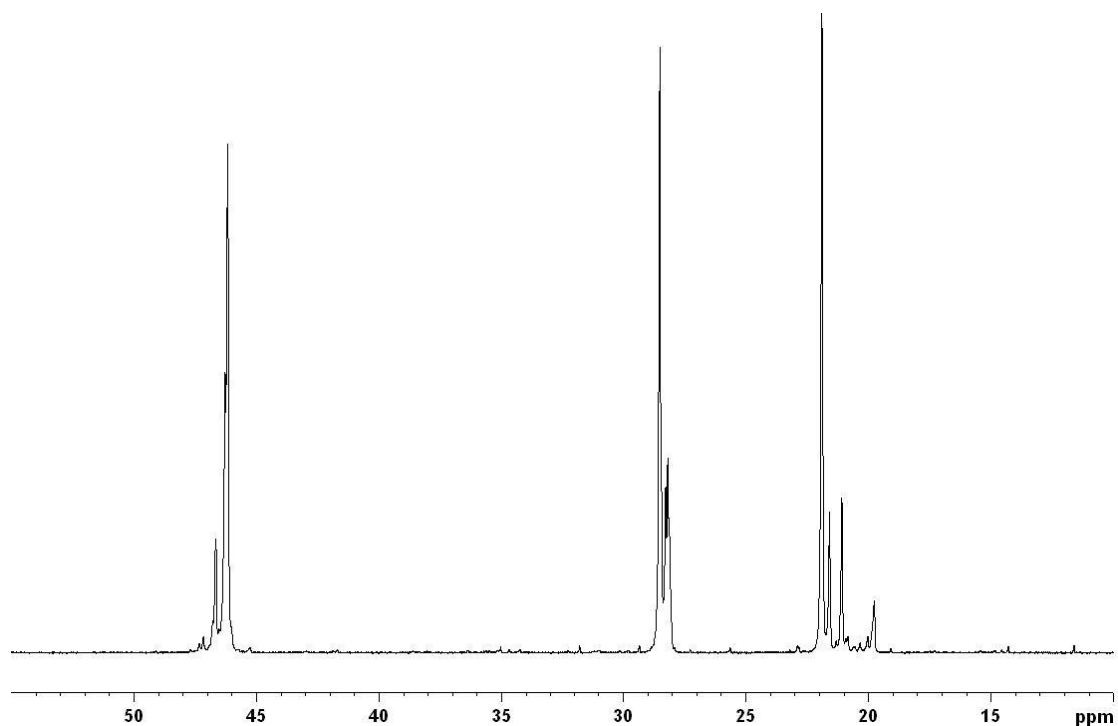


Figure 1. ^{13}C NMR ($\text{C}_2\text{D}_2\text{Cl}_4$, 100°C) of polypropylene prepared with $\text{Lig}^1\text{ZrBn}_2$ / neat propylene / MAO. $[\text{mmmm}] = 65.7\%$.

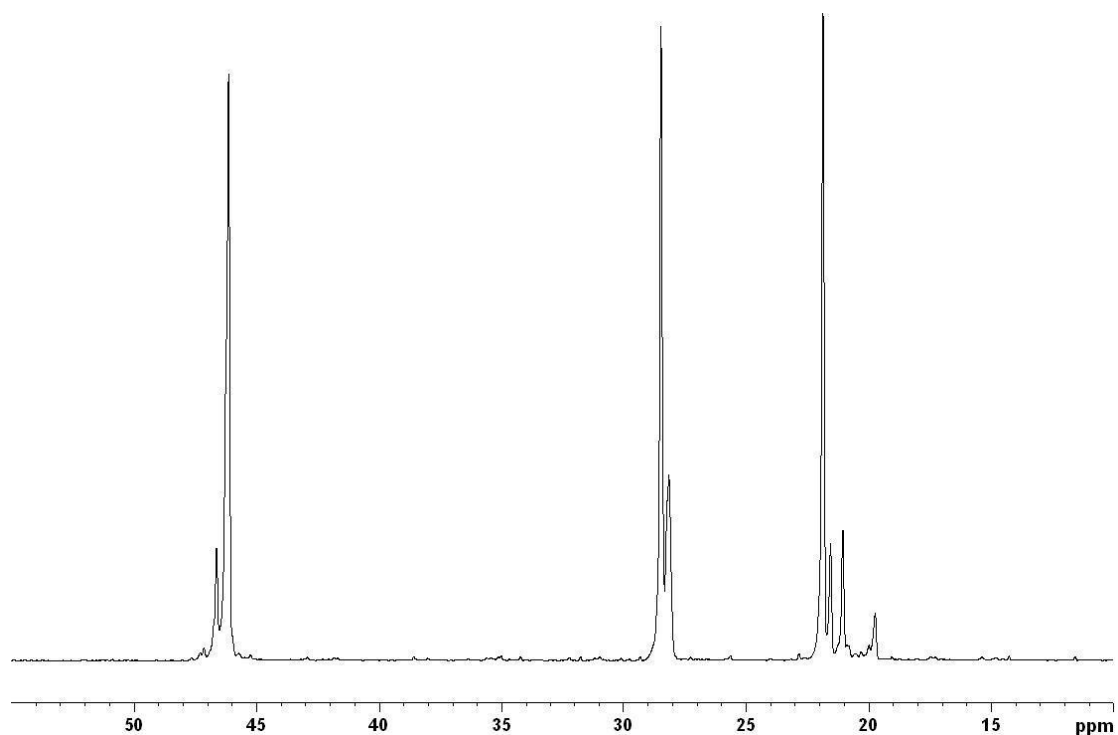


Figure 2. ^{13}C NMR ($\text{C}_2\text{D}_2\text{Cl}_4$, 100°C) of polypropylene prepared with $\text{Lig}^2\text{ZrBn}_2$ / neat propylene / MAO. $[\text{mmmm}] = 70.3\%$.

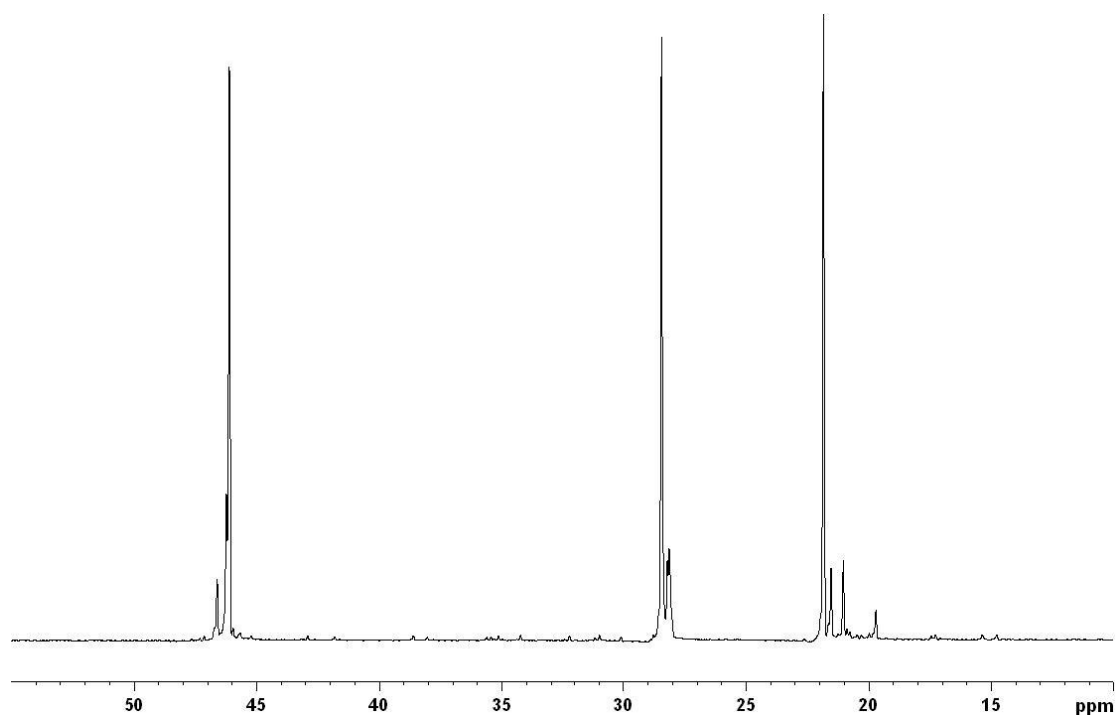


Figure 3. ^{13}C NMR ($\text{C}_2\text{D}_2\text{Cl}_4$, 100°C) of polypropylene prepared with $\text{Lig}^3\text{ZrBn}_2$ / neat propylene / MAO. $[\text{mmmm}] = 75.0\%$.

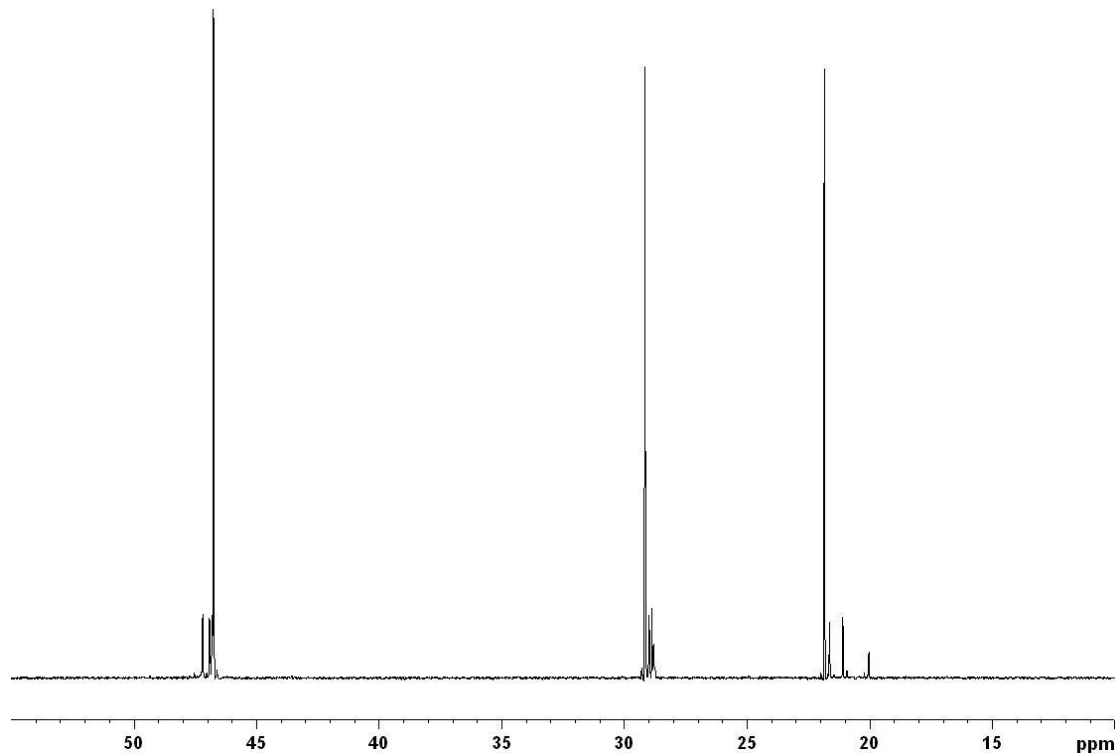


Figure 4. ^{13}C NMR ($\text{C}_6\text{D}_4\text{Cl}_2$, 148°C) of polypropylene prepared with $\text{Lig}^1\text{HfBn}_2$ / neat propylene / MAO. $[\text{mmmm}] = 80.6\%$.

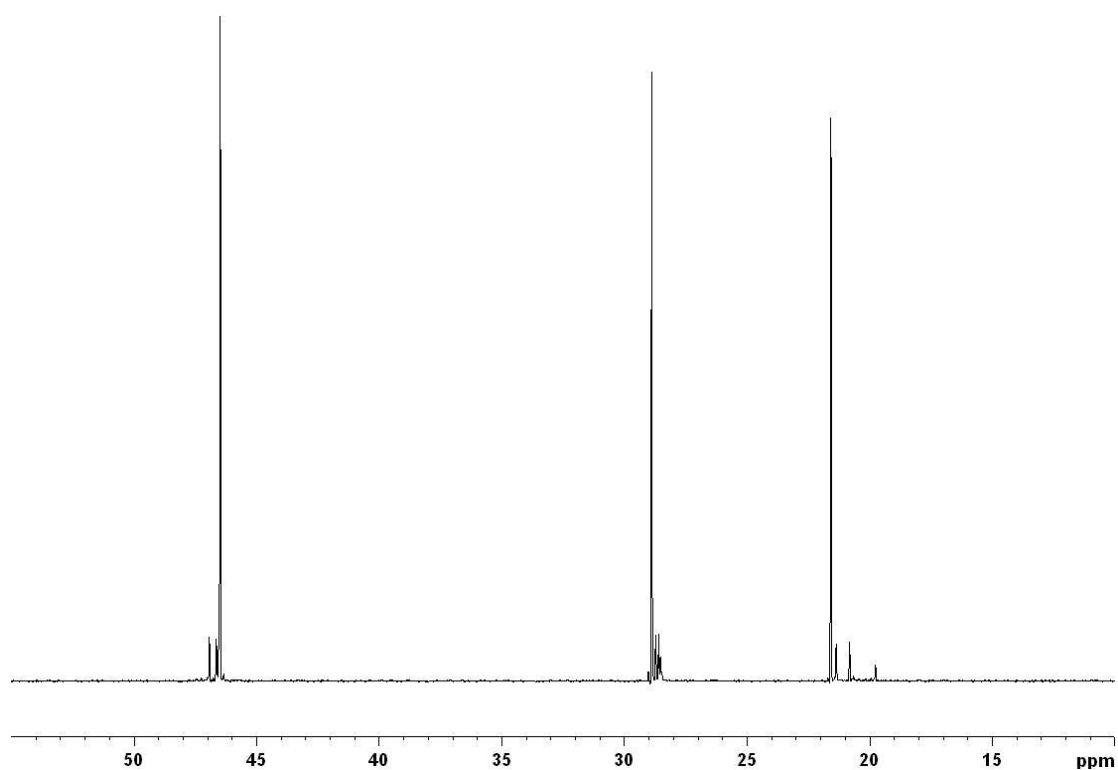


Figure 5. ^{13}C NMR ($\text{C}_6\text{D}_4\text{Cl}_2$, 148°C) of polypropylene prepared with $\text{Lig}^2\text{HfBn}_2$ / neat propylene / MAO. $[\text{mmmm}] = 86.1\%$.

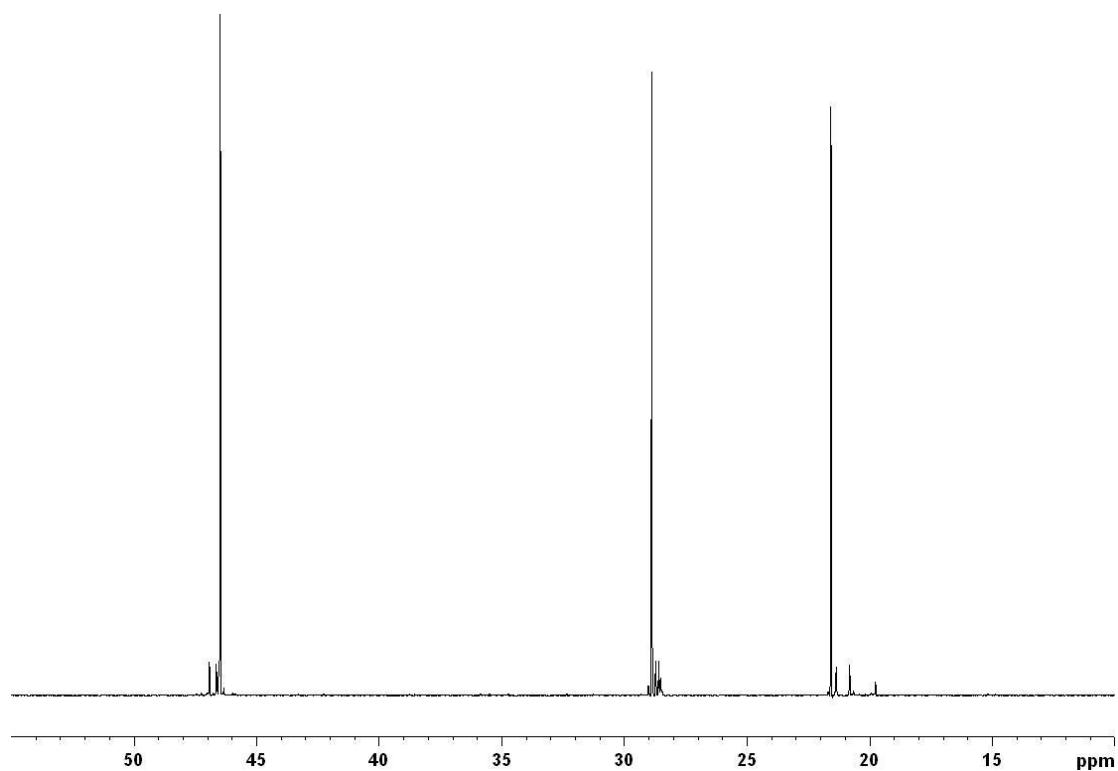


Figure 6. ^{13}C NMR ($\text{C}_6\text{D}_4\text{Cl}_2$, 148°C) of polypropylene prepared with $\text{Lig}^3\text{HfBn}_2$ / neat propylene / MAO. $[\text{mmmm}] = 89.3\%$.