

Supplementary Materials

Carbazolyl-substituted [OSSO]-Type Zirconium Complex as a Precatalyst for the Oligomerization and Polymerization of α -Olefins

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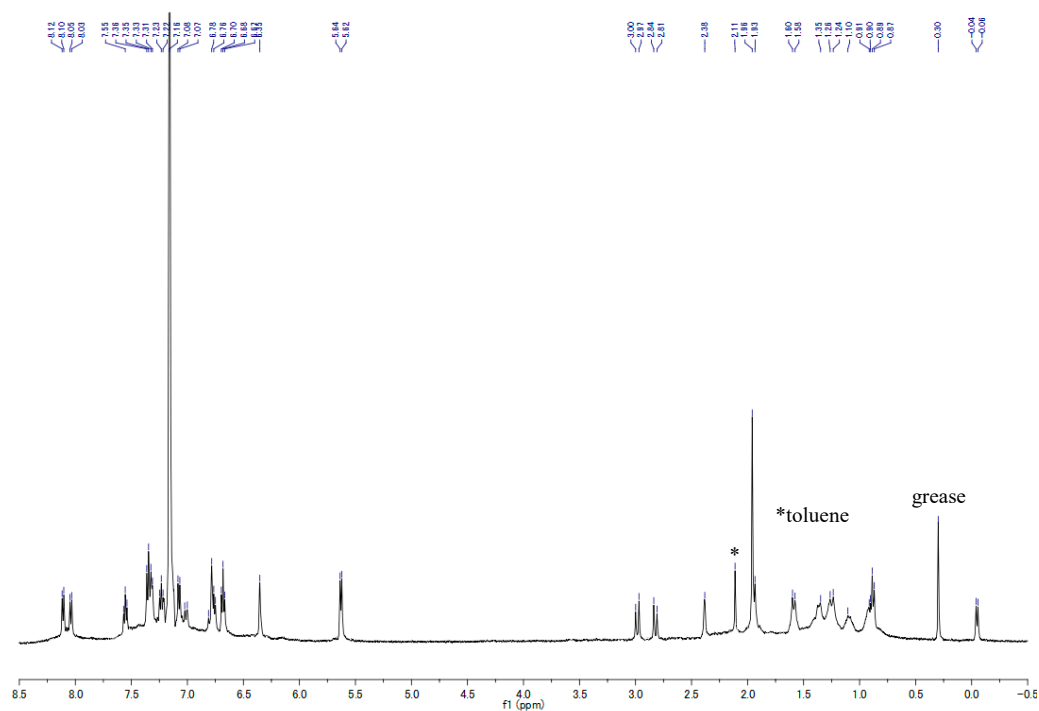
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Figure S1. ^1H NMR spectrum of dibenzyl zirconium(IV) complex **4**.

Figure S2. ^1H NMR spectrum of oligo(1-hexene) obtained by the **4**/dMMAO system at 25 °C (Table 1, Run 4).

Figure S3. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of oligo(1-hexene) obtained by the **4**/dMMAO system at 25 °C (Table 1, Run 4).

Figure S4. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of isotactic polystyrene obtained by the **4**/dMAO system at 70 °C (Table 2, Run 9).



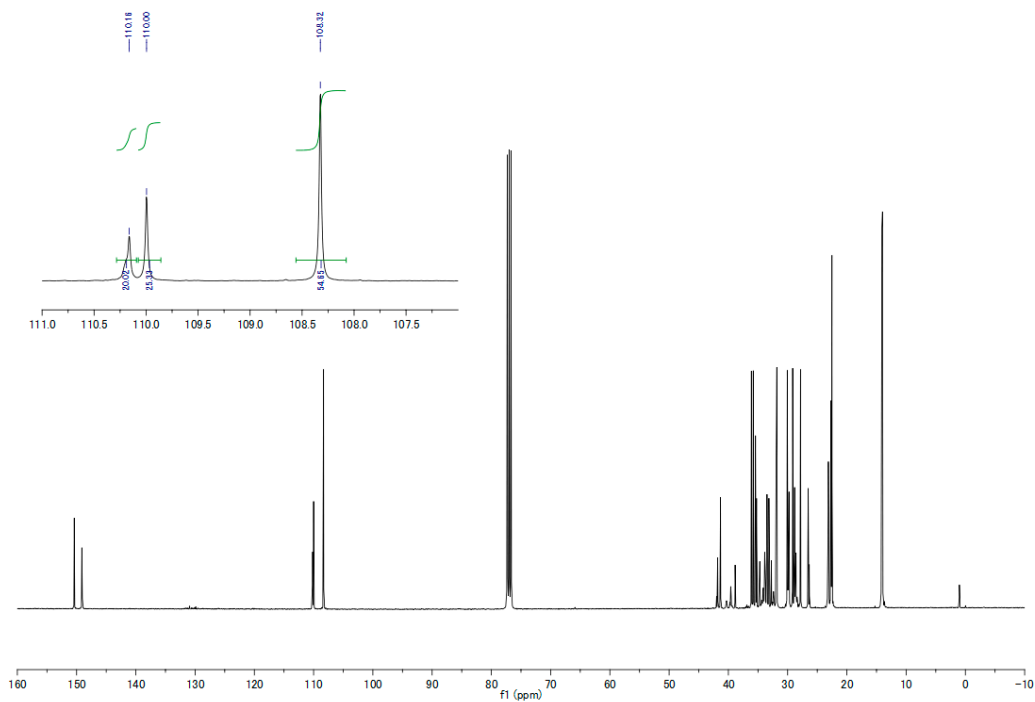


Figure S3. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of oligo(1-hexene) obtained by the 4/dMMAO system at 25 °C (Table 1, Run 4).

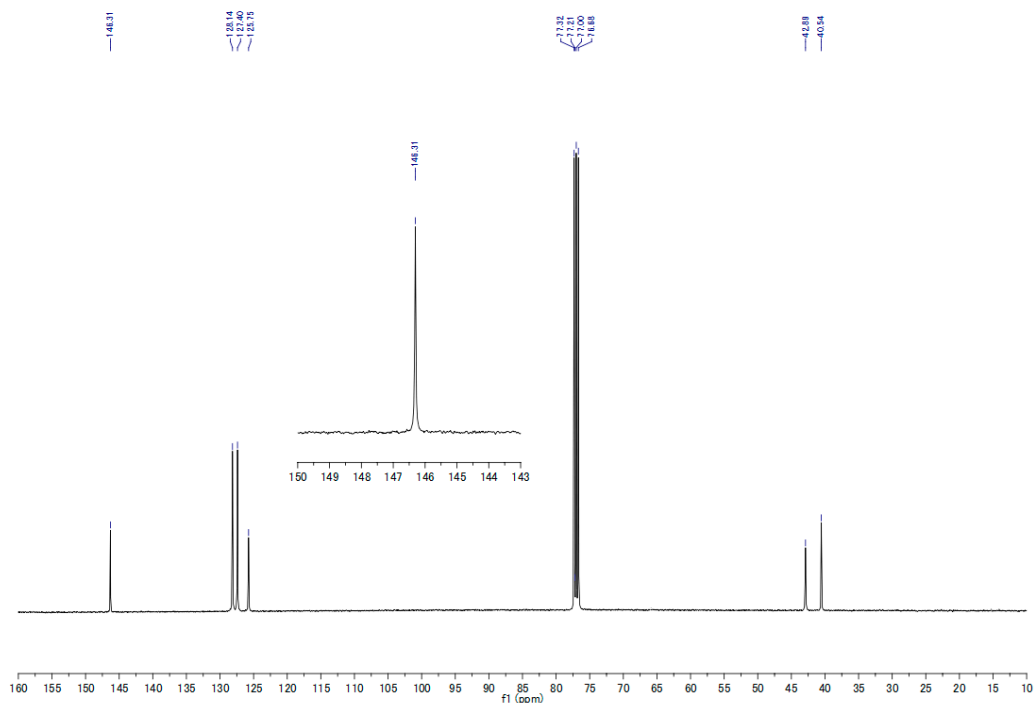


Figure S4. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of isotactic polystyrene obtained by the 4/dMAO system at 70 °C (Table 2, Run 9).