Supporting Information

Methylene-bridged Bimetallic Bis(imino)pyridine-Cobaltous Chlorides as Precatalysts for Vinyl-terminated Polyethylene Waxes

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1. \textbf{Figure S1}. \textsuperscript{1}H NMR spectrum of the polyethylene obtained using \textbf{Co1}/MAO (run 2, Table 2) in \textit{C}_2\textit{D}_2\textit{Cl}_4 at 100 °C.

2. \textbf{Figure S2}. \textsuperscript{1}H NMR spectrum of the polyethylene obtained using \textbf{Co1}/MMAO (run 2, Table 3) \textit{C}_2\textit{D}_2\textit{Cl}_4 at 100 °C

3. \textbf{Figure S3}. \textsuperscript{1}H NMR spectrum of the polyethylene obtained using \textbf{Co1}/MMAO (run 7, Table 3) in 1,2-dichlorobenzene-d\textsubscript{4} (100 °C).
Figure S1. $^1$H NMR spectrum ($\text{C}_2\text{D}_2\text{Cl}_2$, 300MHz) of the polyethylene obtained using Co1/MAO (run 2, Table 2) at 100 °C.

Figure S2. $^1$H NMR spectrum ($\text{C}_2\text{D}_2\text{Cl}_2$, 300MHz) of the polyethylene obtained using Co1/MMAO (run 2, Table 3) at 100 °C.
Figure S3 $^1$H NMR spectrum of the polyethylene obtained using Co1/MMAO (run 7, Table 3) in 1,2-dichlorobenzene-d$_4$ (100 °C) (300MHz)