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High Tacticity Control in Organolanthanide Polymerization Catalysis: Formation of
Isotactic Poly(α -alkenes) with a Chiral C₃-Symmetric Thulium Complex

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¹³C NMR spectra of (see overleaf from bottom to top): poly(1-hexene), poly(1-heptene) and poly(1-octene). The level of isotacticity was determined by analysis of the C-3 resonance of the major (isotactic) component with respect to that of the (minor) stereochemical defects.

