

Supporting Information

Rare-Earth Metal Complexes Supported by 1, ω -Dithia- alkanediyl-Bridged Bis(phenolato) Ligands: Synthesis, Structure, and Heteroselective Ring-Opening Polymerization of Lactide

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Contents

Microstructure Analysis of Poly(*rac*-lactide)

Figure S1-S10. Methine region of homonuclear decoupled ¹H NMR spectra.

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1. Microstructure Analysis of Poly(*rac*-lactide)

Figure S1-S10. Methine region of homonuclear decoupled ^1H NMR spectra^[S1] (CDCl_3 , 500 MHz, 7.26 ppm) of PLA samples prepared by ROP of *rac*-lactide in the presence of complexes **1b-6c** in THF.

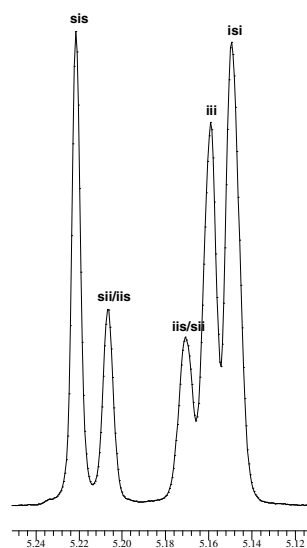
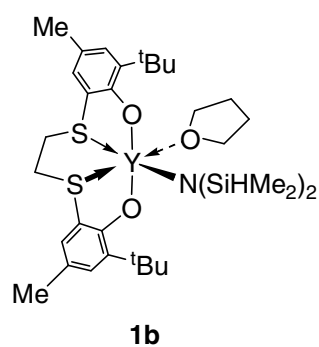


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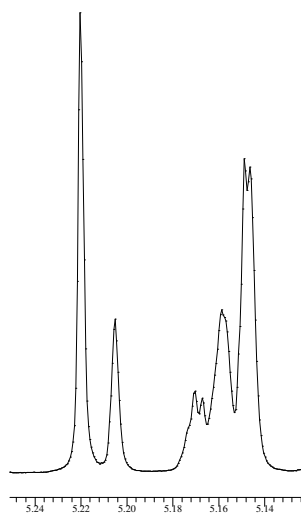
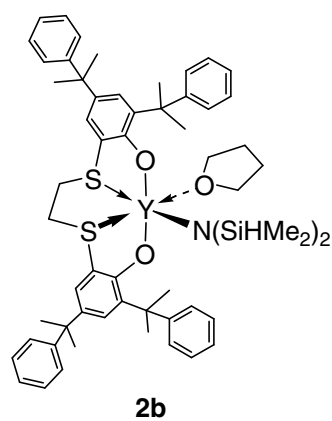


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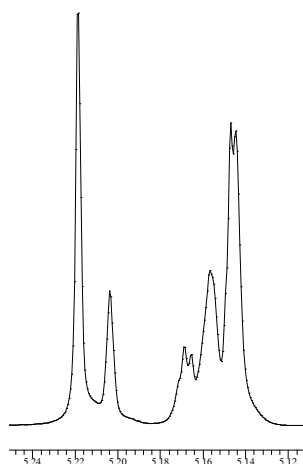
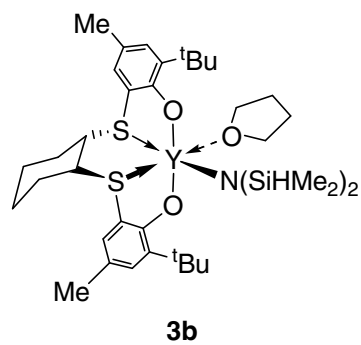


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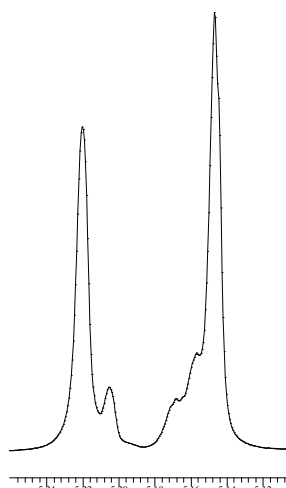
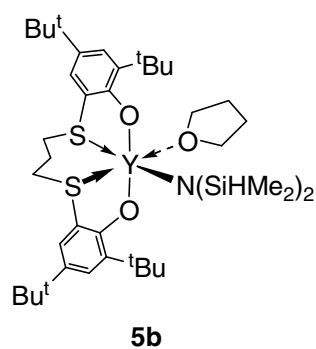


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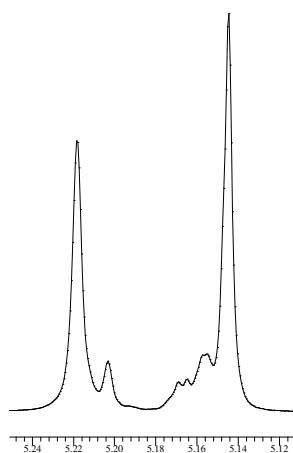
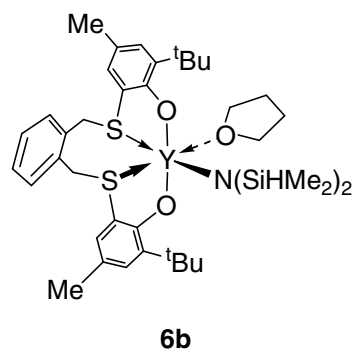


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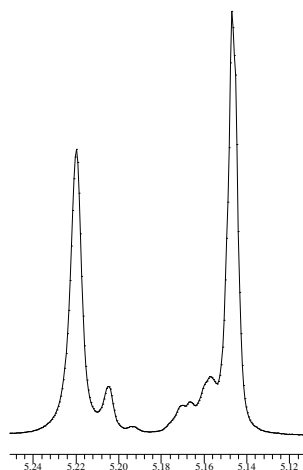
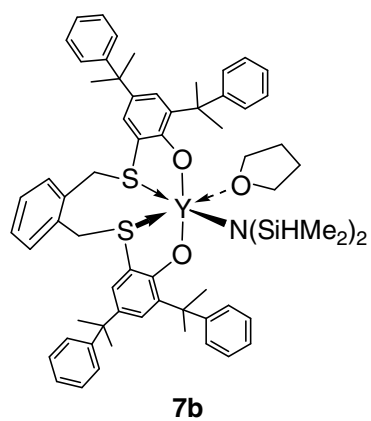


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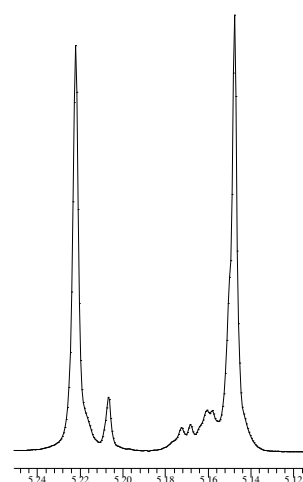
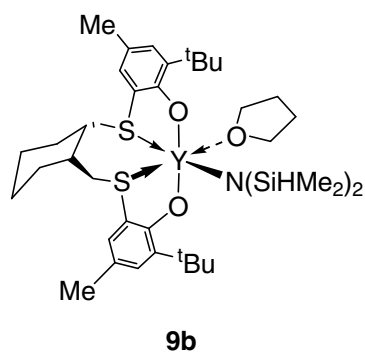


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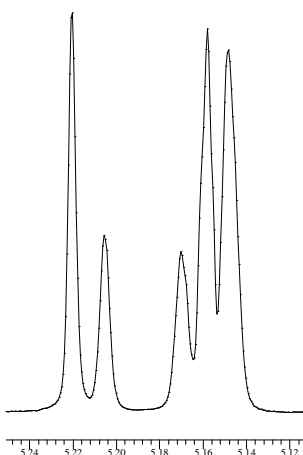
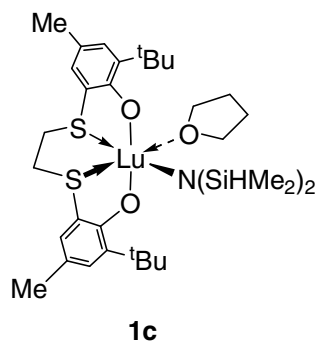


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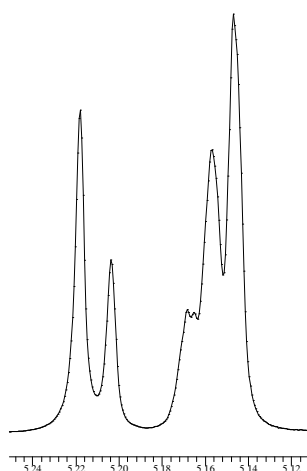
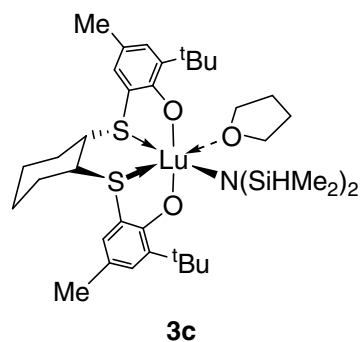


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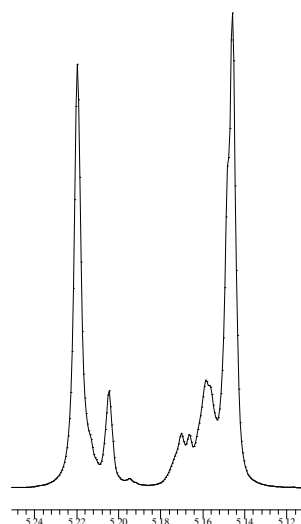
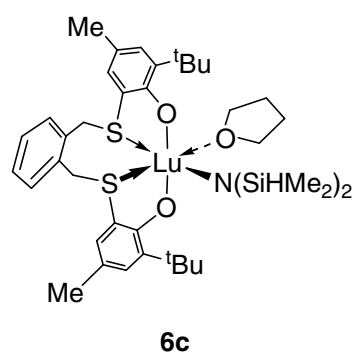


Figure S10.

References

- [S1] (a) M. H. Chisholm, S. S. Iyer, M. E. Matison, D. G. McCollum, M. Pagel, *Chem. Commun.* **1997**, 1999-2000; (b) K. A. M. Thakur, R. T. Kean, E. S. Hall, *Anal. Chem.* **1997**, 69, 4303-4309; (c) K. A. M. Thakur, R. T. Kean, M. T. Zell, B. E. Padden, E. J. Munson, *Chem. Commun.* **1998**, 1913-1914.