

Supporting Information

Stereoselective Ring-Opening Polymerization of *rac*-Lactides Catalyzed by Titanium Complexes Containing N, N-Bidentate Phenanthrene Derivatives

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Table S1. Selected bond lengths (Å) and angles (deg) for complex **3**.

Ti1–N1	1.893(4)	Ti1–N2	1.919(4)
Ti1–O1	1.798(4)	Ti1–O2	1.856(4)
O1–Ti1–N2	116.30(6)	O1–Ti1–O2	107.53(7)
O2–Ti1–N2	117.23(7)	N2–Ti1–N1	89.09(6)
O1–Ti1–N1	116.34(7)	O2–Ti1–N1	109.62(8)

Table S2. Crystallographic data for complex **3**.

	3
Formula	C ₄₄ H ₅₈ N ₂ O ₂ Ti
<i>F</i> _w	694.82
crystal system	Monoclinic
space group	P 21/c
<i>a</i> (Å)	17.034(6)
<i>b</i> (Å)	18.233(6)
<i>c</i> (Å)	12.983(4)
<i>α</i> (deg)	90.00
<i>β</i> (deg)	94.444(6)
<i>γ</i> (deg)	90.00

v (Å ³)	4020(2)
Z	4
μ (mm ⁻¹)	0.249
$R_{(int)}$	0.1269
GOOF	1.027
R_1 [I>2sigma(I)]	0.0805
wR_2 [I>2sigma(I)]	0.2158
