

Supporting Information

Magnesium Complexes Bearing N, N-Bidentate Phenanthrene Derivatives for the Stereoselective Ring-Opening Polymerization of rac-Lactides

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Table S1. Crystal Data and Structural Refinements Details for complex **2**.

Formula	C ₄₆ H ₅₈ MgN ₂ O ₃
<i>F_w</i>	711.25
crystal system	Orthorhombic
space group	Pbca
<i>a</i> (Å)	19.2952(11)
<i>b</i> (Å)	19.2068(11)
<i>c</i> (Å)	21.3926(12)
<i>α</i> (deg)	90.00
<i>β</i> (deg)	90.00
<i>γ</i> (deg)	90.00
<i>v</i> (Å ³)	7928.1(8)
<i>Z</i>	8
<i>μ</i> (mm ⁻¹)	0.087
<i>R</i> _(int)	0.0630
GOOF	1.185
<i>R</i> ₁ [<i>I</i> > 2σ(<i>I</i>)]	0.0711
<i>wR</i> ₂ [<i>I</i> > 2σ(<i>I</i>)]	0.1451

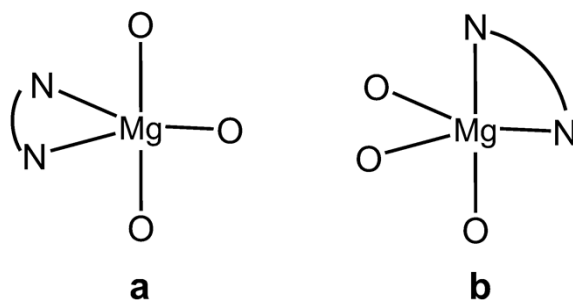


Figure S1. Possible trigonal bipyramidal coordination isomers.