

Ring-Opening Polymerization of Lactides By (Pyrazol-1-ylmethyl)pyridine Cu(II) and Zn(II) Complexes: Kinetics, Mechanism and Tacticity Studies

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Supplementary information

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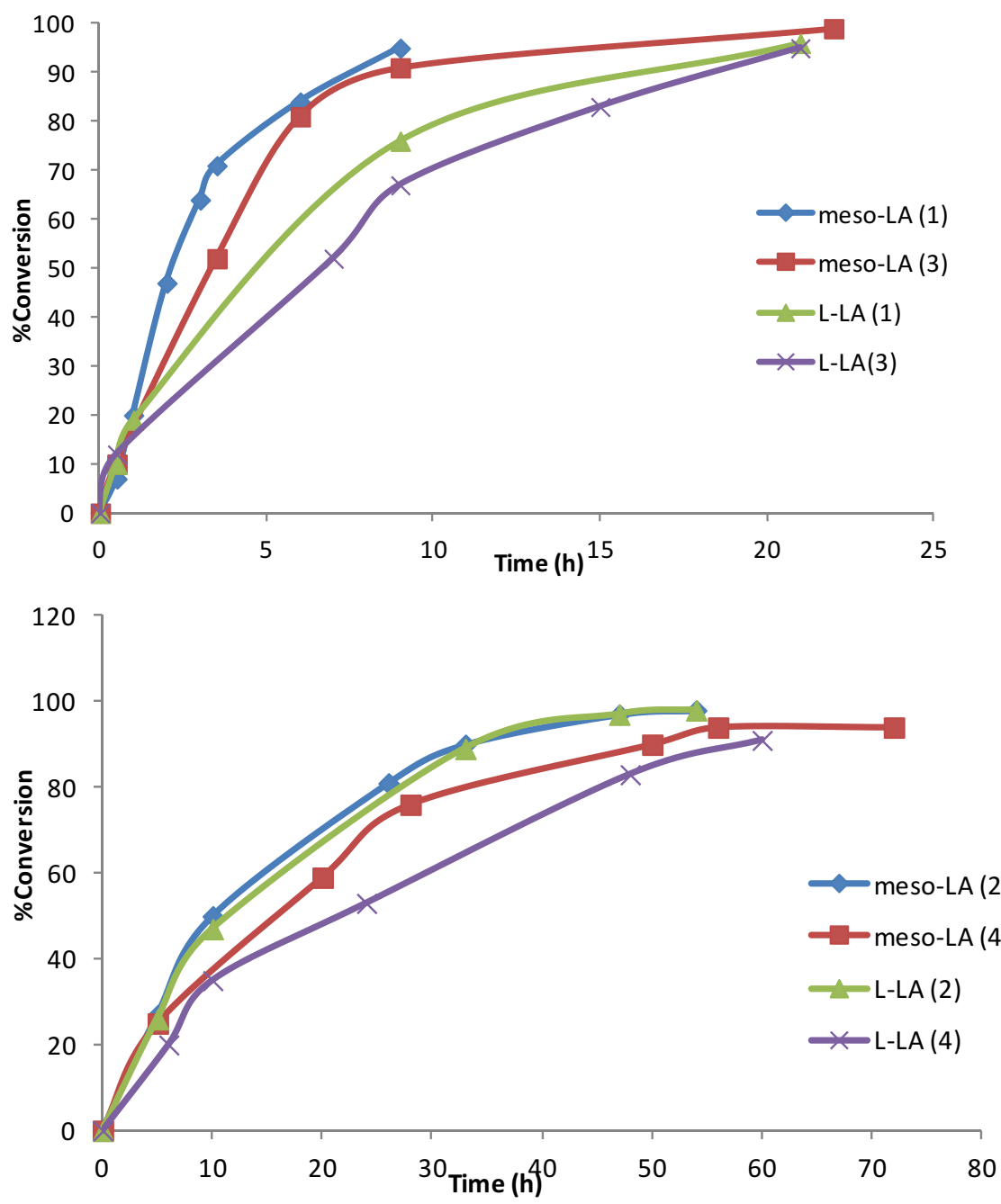


Figure S1: Plots of percentage conversion of polymerization reactions of D,L-LA and L-LA lactide monomers by complexes **1-4**

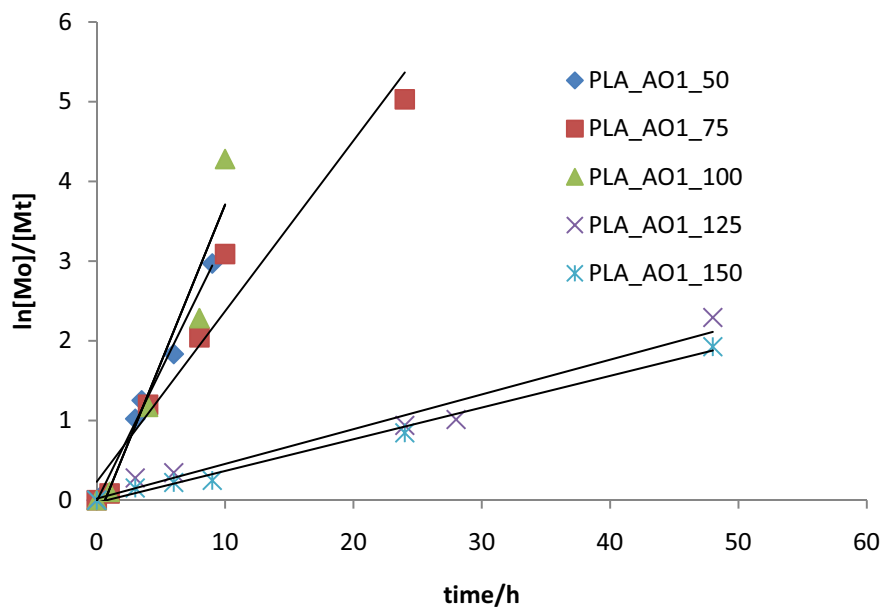


Figure S2: Plot of $\ln[D,L-LA]_0/[D,L-LA]_t$ vs time at different $[D,L-LA]_0/[1]$ at constant $[D,L-LA]$ monomer concentration of 0.01 mmol.

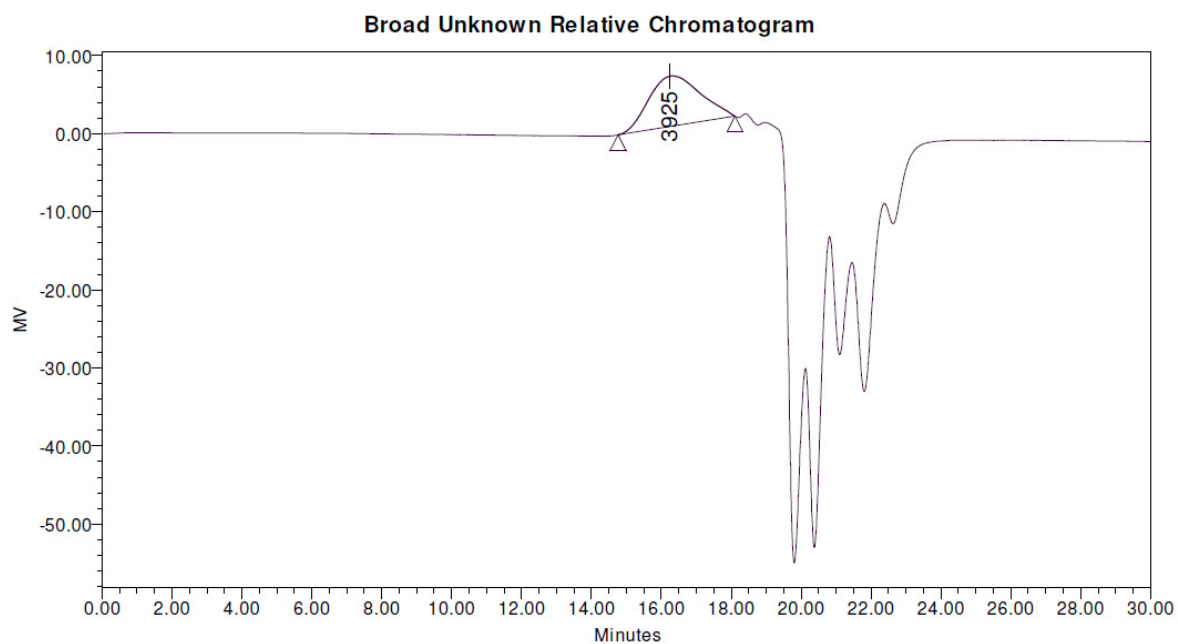


Figure S3: GPC chromatogram of poly(D,L-LA) obtained from complex **1**, at M/I of 50, time 9 h (95%).

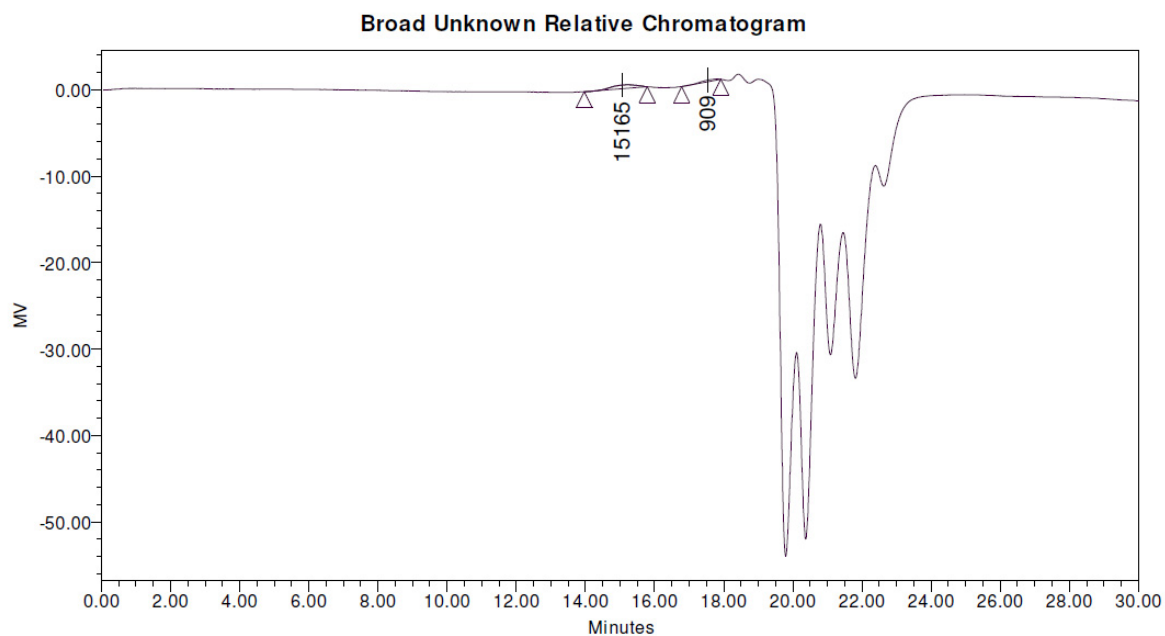


Figure S4: GPC chromatogram of poly(L-LA) produced by complex **1**, at M/I of 50, time 23 h (95%).

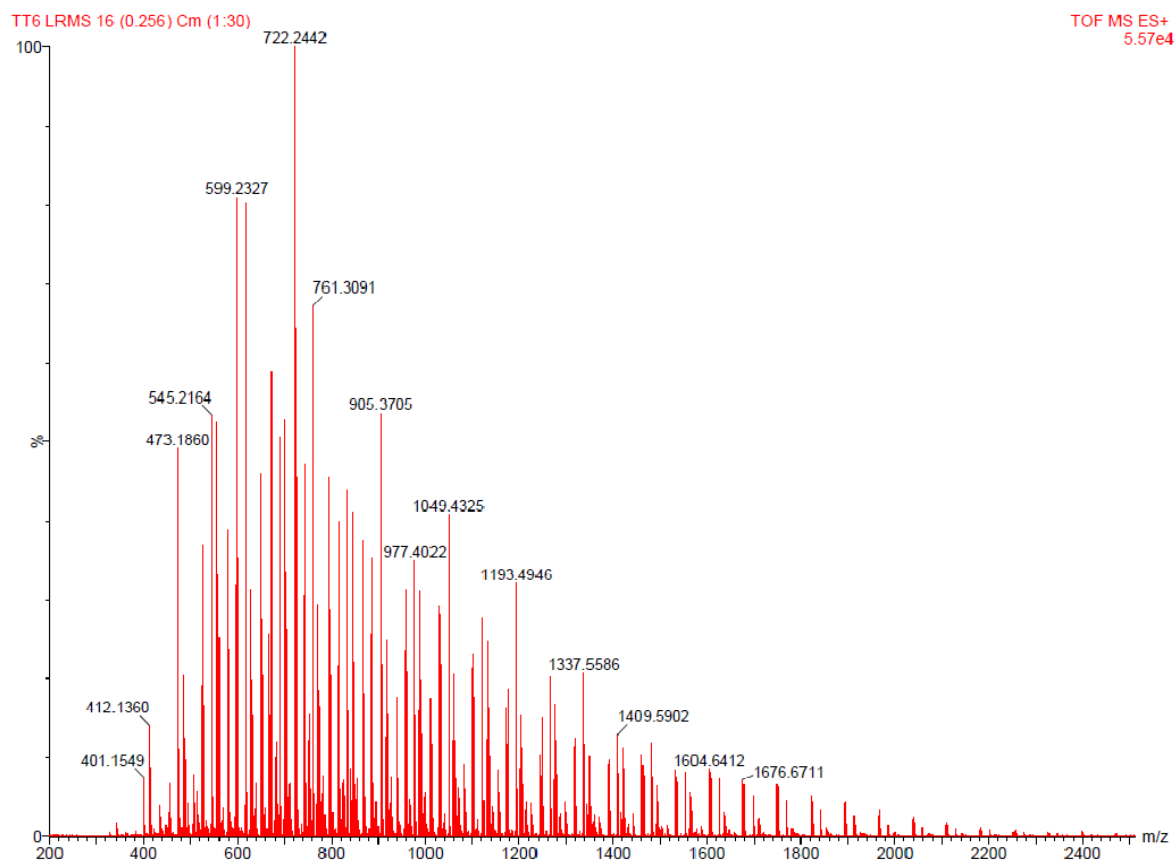


Figure S5: ESI spectrum of crude poly(L-LA) obtained from **1** at 110 °C, time, 9 h (95%). Mass fragments agree with the presence of OH functionality and Na⁺ cation. For example, $m/z = 761 = 5(144) + 41$.