

Organocatalytic synthesis of astaxanthin-containing poly(lactide)s

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Supplementary Information

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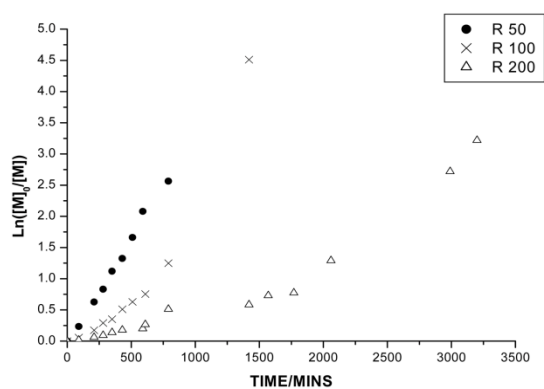


Figure S1. First order kinetic plots for astaxanthin-initiated polymerization of lactide catalyzed by **1** ($R = [\text{monomer}]/[\text{initiator}]$).

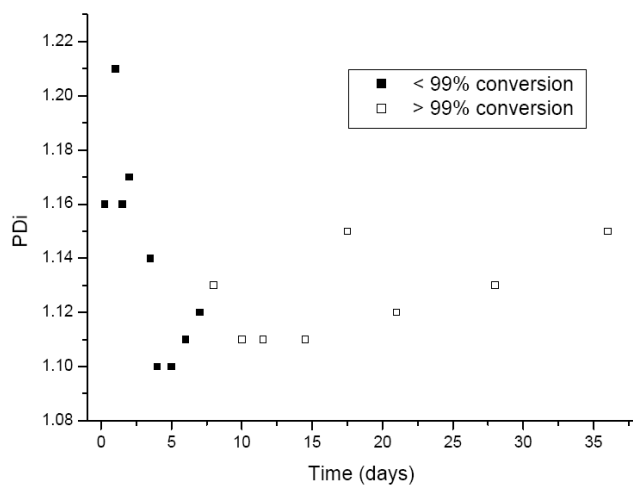


Figure S2. Chart of polydispersity against time for astaxanthin-initiated poly(lactide) catalyzed by **1** (Target DP = 50).

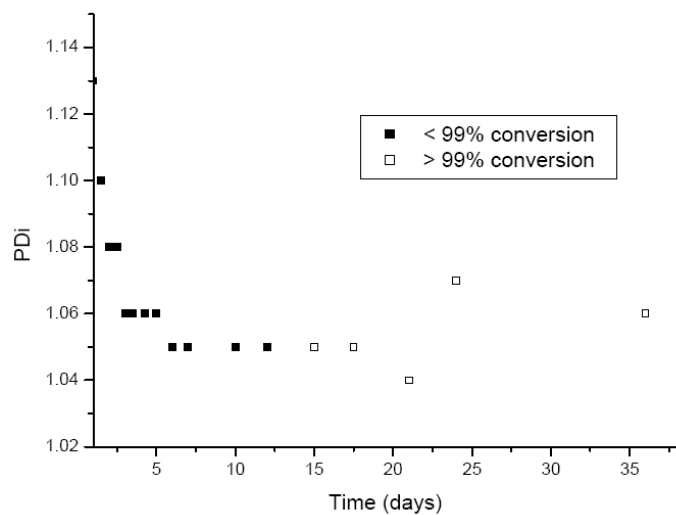


Figure S3. Chart of polydispersity against time for pyrenebutanol-initiated poly(lactide) catalyzed by **1** (Target DP = 50)

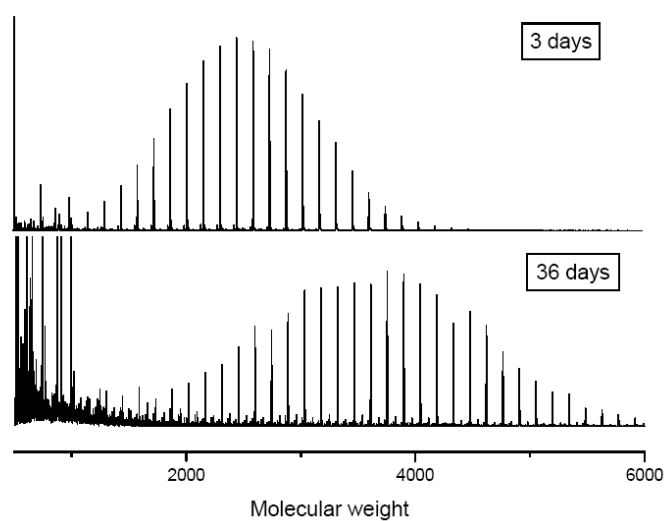


Figure S4. MALDI-TOF spectra for pyrenebutanol-initiated poly(lactide) (Target DP = 50) at 3 and 36 days.