Supporting Information

One-pot Synthesis of High-Molecular-Weight Aliphatic Polycarbonates via Melt Transesterification of Diphenyl Carbonate and Diol using Zn(OAc)₂ as Catalyst

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Fig S1 The color of PBC synthesized over various transition metal acetates catalysts (a)Zn(OAc)₂ (b) Pb(OAc)₂ (c)Cd(OAc)₂ (d) Cu(OAc)₂ (e)Mn(OAc)₂ (f)Co(OAc)₂ (g) Ni(OAc)₂ and (h) Zn(OAc)₂.2H₂O



Fig S2 The FT-IR spectrum of PBC synthesized via one-pot route over Zn(OAc)₂ catalysts



Fig S3 The optimized structures and charge analysis of (a) BD and (b) DPC