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Supporting Information

Novel Bifunctional Zn–Sn Composite Oxide Catalyst for the Selective Synthesis of Glycerol Carbonate by Carbonylation of Glycerol with Urea

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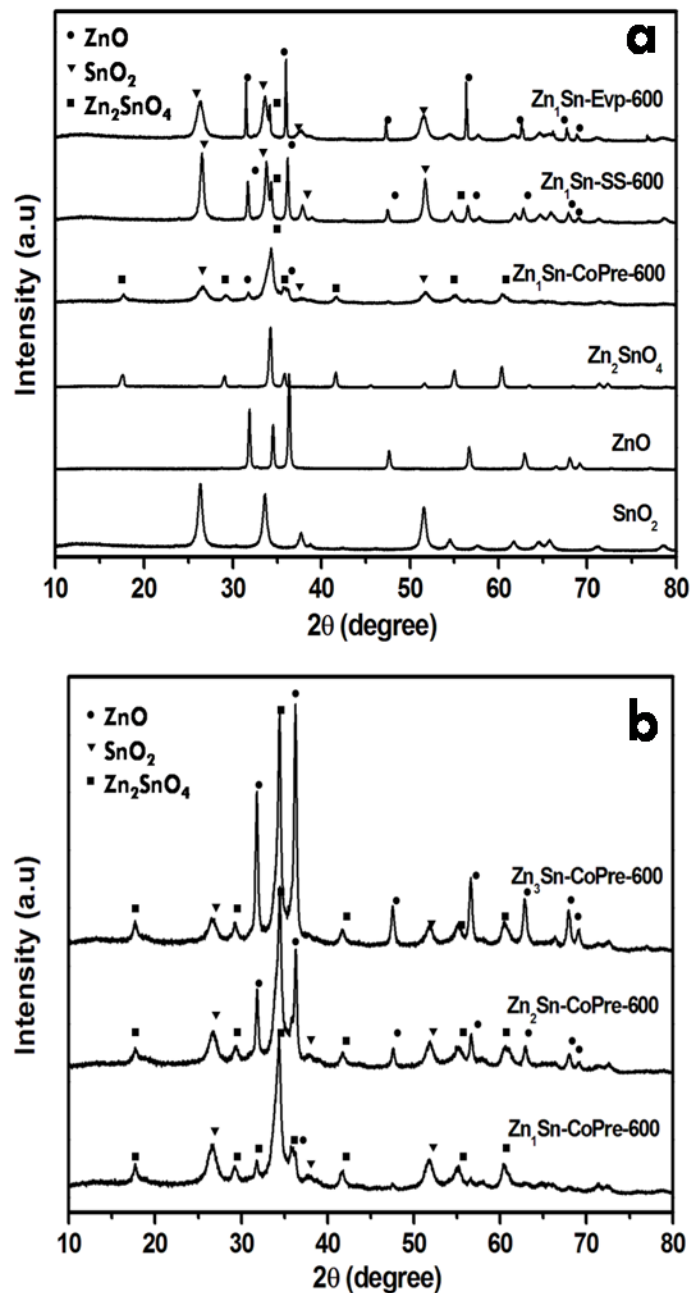


Fig S.1.1. XRD patterns of (a) individual and composite Zn-Sn oxides prepared by three different methods with Zn/Sn = 1; (b) Effect of Zn/Sn molar ratio in Zn-Sn composite oxides

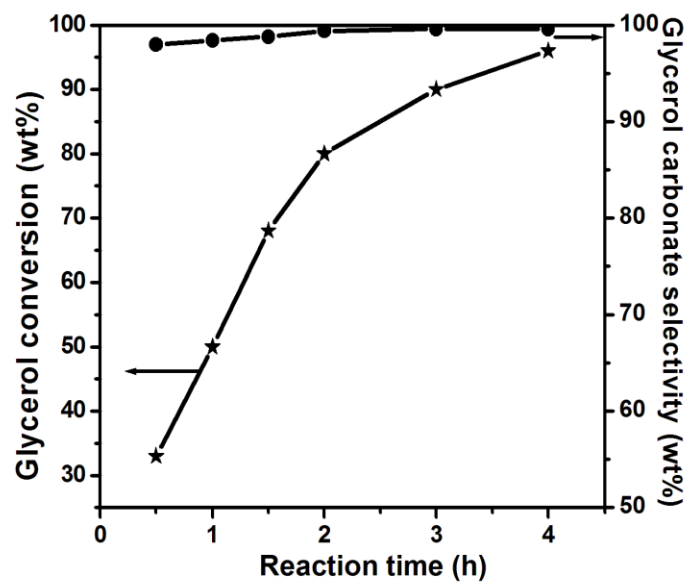


Fig.S.1.2. Effect of reaction time: Reaction conditions: Glycerol= 2 g, urea =1.31 g, catalyst amount = 0.33 g of Zn₂Sn-CoPre-600, temperature = 155 °C, time = 4 h, under N₂ bubbling