

Supplementary Materials: Promoting Role of Bismuth on Hydrotalcite-Supported Platinum Catalysts in Aqueous Phase Oxidation of Glycerol to Dihydroxyacetone

Wenjie Xue ¹, Zenglong Wang ¹, Yu Liang ¹, Hong Xu ¹, Lei Liu ^{1,*}, Jinxiang Dong ^{1,2}

2. Results and Discussion

2.1. Catalyst Characterization

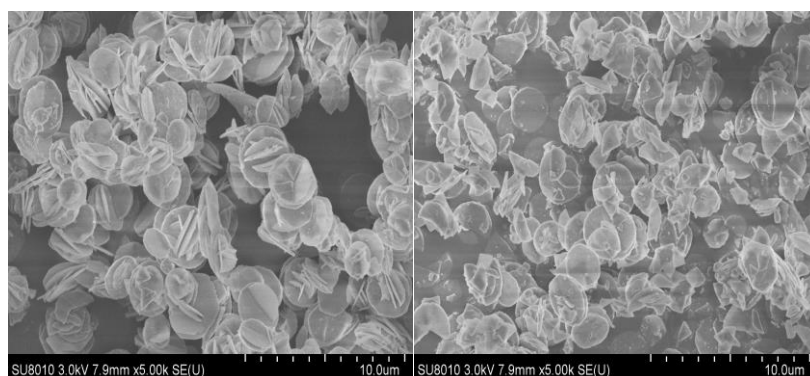


Figure S1. SEM images of the as-synthesized Mg-Al HT (left) and the Pt-7Bi/HT (right).

2.2.4. Catalyst Recycling

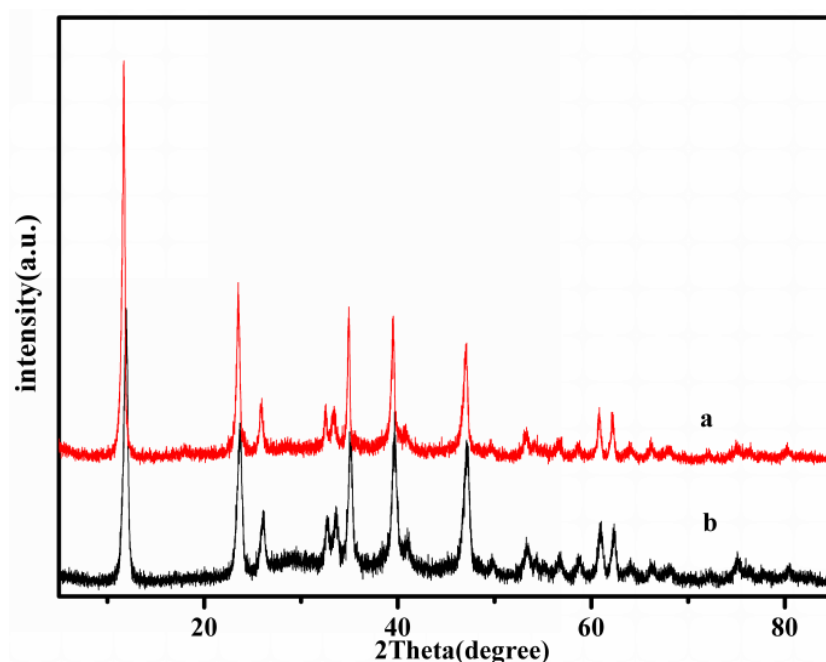


Figure S2. Powder XRD patterns of (a) Pt-7Bi/HT catalyst after 2nd reaction, (b) Pt-7Bi/HT fresh catalyst

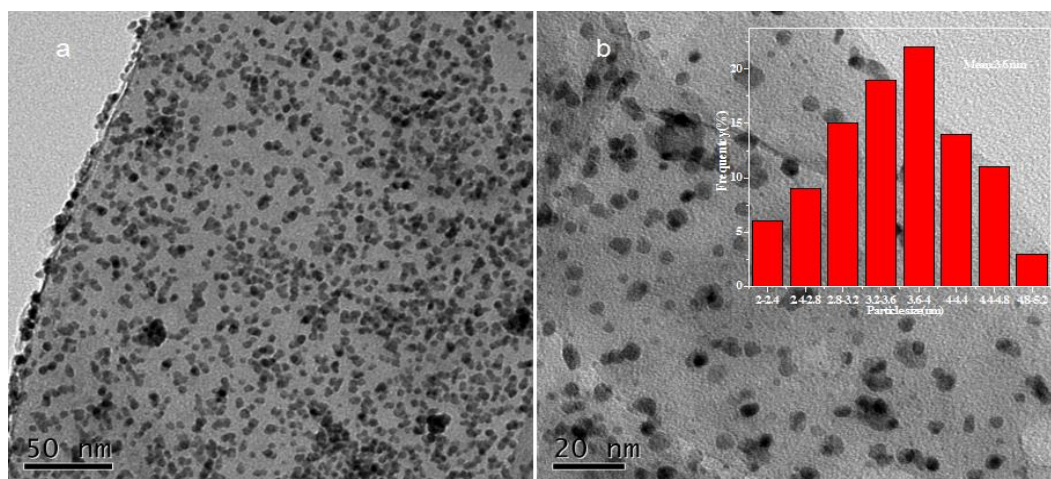


Figure S3. HR-TEM images and particle size distribution histograms for Pt-7Bi/ HT catalyst after 2nd reaction.