Supporting Information

Direct Synthesis of Platinum Nanodots in ZIF-8/Fe_3O_4 Core-Shell Hybrid Nanoparticles

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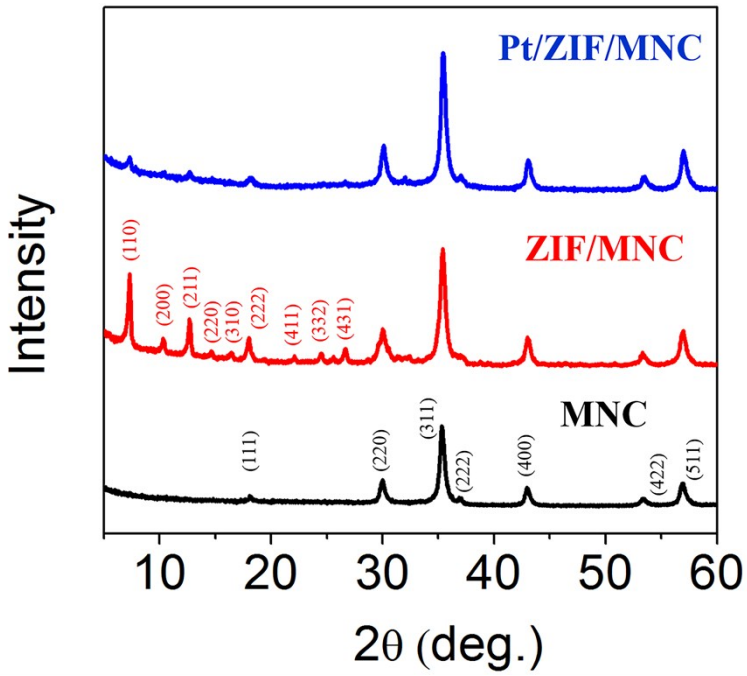

Figure S1. X-ray diffraction patterns of MNCs (black), ZIF/MNCs (red), and Pt/ZIF/MNCs (blue), respectively.

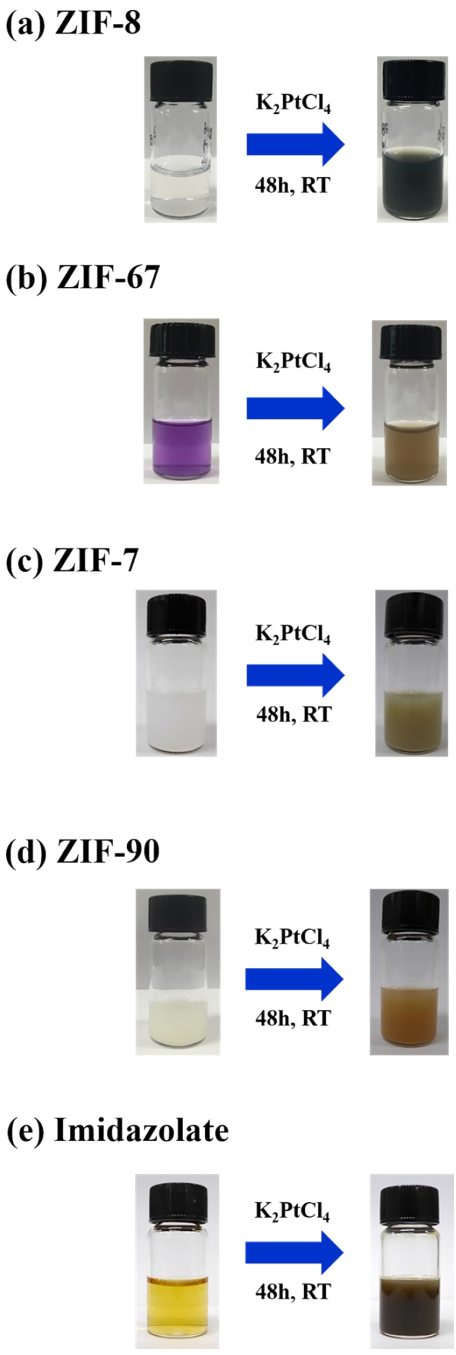

Figure S2. Optical images of a glass vial containing 1 mg/mL K_2PtCl_4 solution before and after the reduction of platinum ions using (a) ZIF-8, (b) ZIF-67, (c) ZIF-7 (Zn, Benzimidazole), (d) ZIF-90 (Zn, imidazolate-2-carboxyaldehyde), and (e) imidazolate (sodium imidazolate derivative).

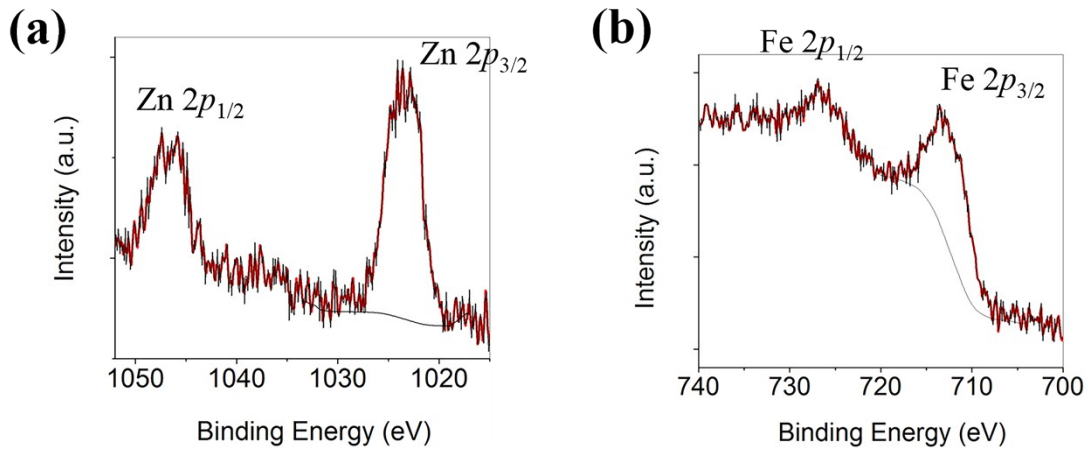

Figure S3. XPS spectra of (a) Zn 2p and (b) Fe 2p.