Supplementary Information

**Figure S1.** Low and high magnification TEM images of platinum particles synthesized using n-butanol.

**Figure S2.** Normalized FTIR spectra of PEG200, washed PEG200 platinum and acid washed PEG200 platinum nanoparticles.
Figure S3. Low and high magnification TEM images of the PEG200 synthesized platinum particles after washing with 0.1M H₂SO₄.