Synthesis of Sulfonic Acid-Functionalized Fe₃O₄@C Nanoparticles as Magnetically Recyclable Solid Acid Catalysts for Acetalization Reaction

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Figure S1. HRTEM images of Fe₃O₄@C-SO₃H MNPs.

Figure S2. FTIR spectra of SO₃H-group functionalized carbon residual sample obtained by dissolving iron oxide in the Fe₃O₄@C-SO₃H sample.