

Supplementary Information for

Highly Monodisperse Pt(0)/AC NPs as Highly Efficient and Reusable Catalysts: The Effect of the Surfactant on their Catalytic Activities in Room Temperature Dehydrocoupling of DMAB

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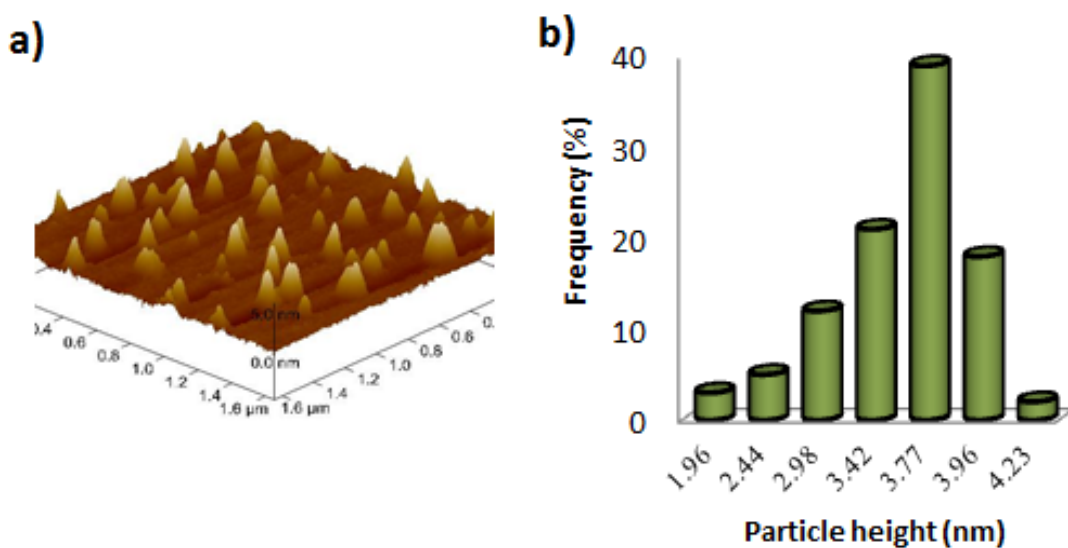


Fig. S1. AFM image of Pt(0)/DPA@AC (a) and histogram of height of particles obtained from AFM data (b).

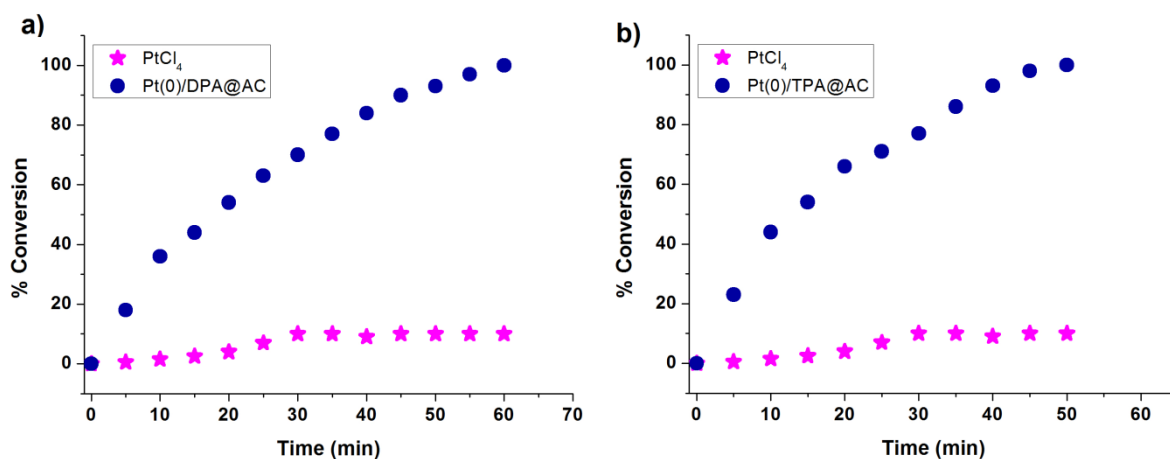


Fig. S2. Plots % conversion versus time graph for the catalytic dehydrocoupling of DMAB in THF at room temperature starting with 7.5 % mol of a) Pt(0)/DPA@AC and PtCl₄ b) Pt(0)/TPA@AC and PtCl₄

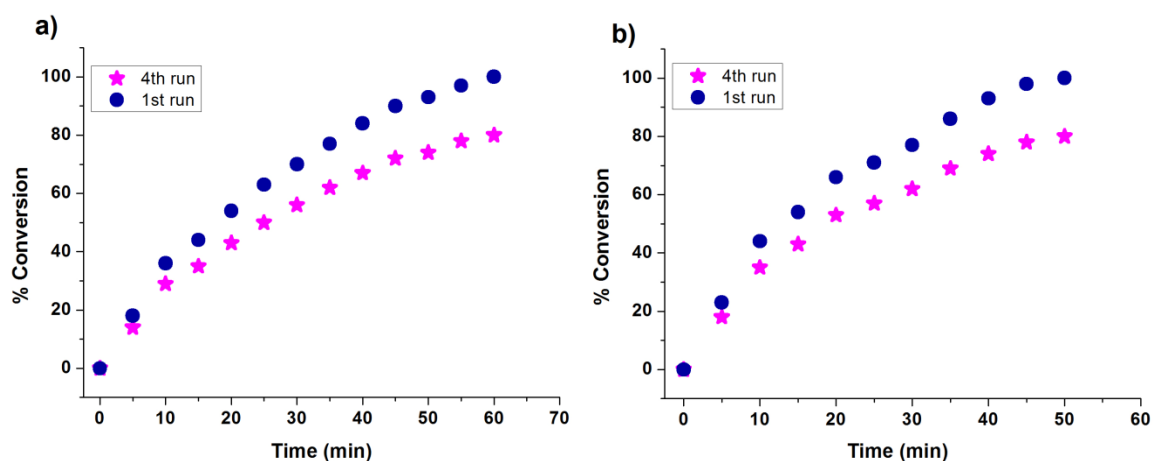


Fig. S3. Plots % conversion versus time graph for Pt(0)/DPA@AC (a) and Pt(0)/TPA@AC (b) (7.5 % mol) catalysed dehydrocoupling of DMAB in THF at room temperature for 1st and 4th catalytic runs.