

Supporting Information for

Seedless Polyol Synthesis and CO Oxidation Activity of Monodisperse (111) and (100)-Oriented Rhodium Nanocrystals in Sub-10 nm Sizes

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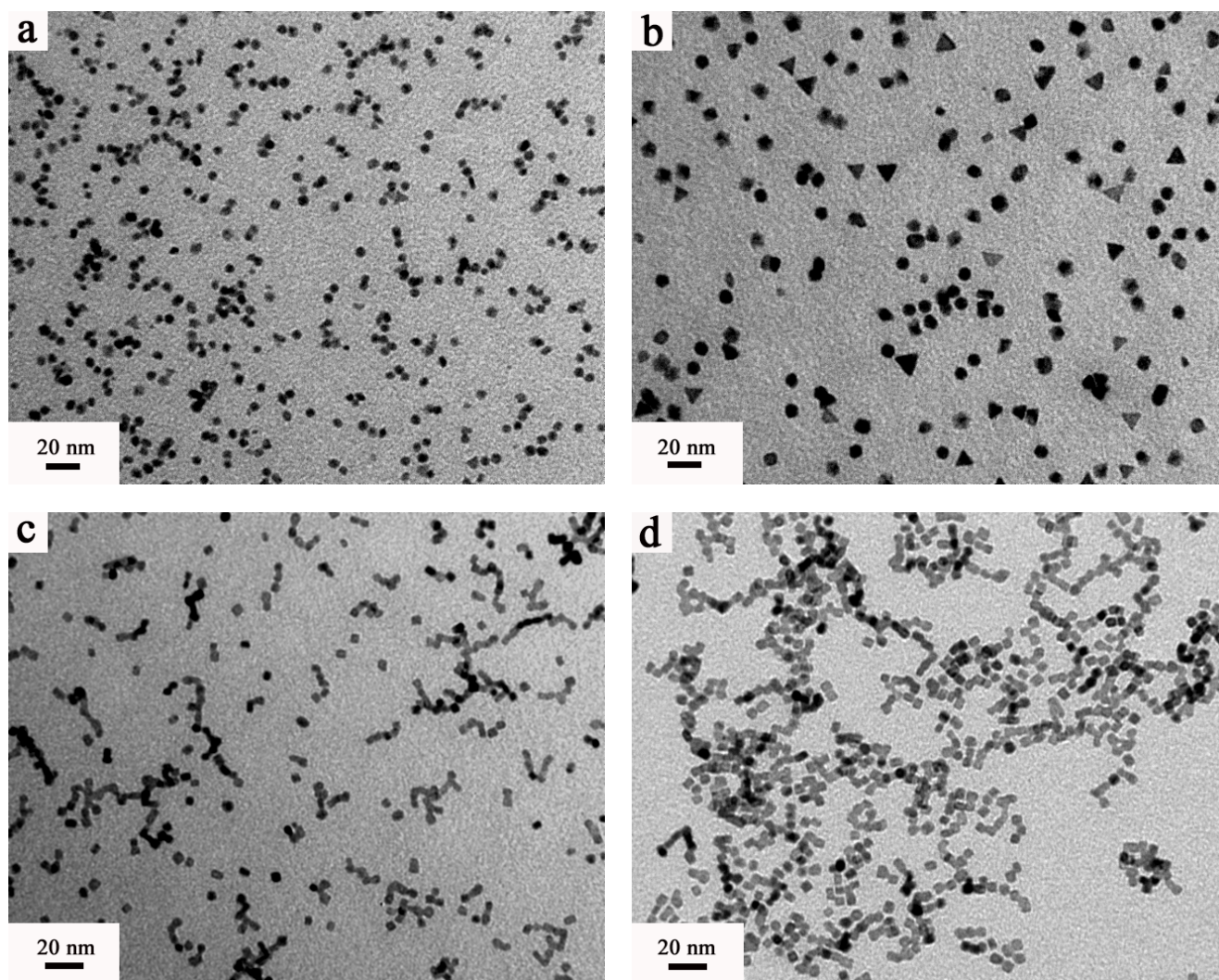


Figure S1. Low-magnification TEM images of as-obtained Rh nanocrystals synthesized in 20 ml ethylene glycol under an Ar atmosphere: (a) 0.3125 mM $[\text{Rh}(\text{Ac})_2]_2$, 12.5 mM PVP, 185 °C, 2 h (6.5 ± 0.6 nm); (b) 2.5 mM $[\text{Rh}(\text{Ac})_2]_2$, 100 mM PVP, 185 °C, 2 h (9.8 ± 1.6 nm); (c) 10 mM RhCl_3 , 50 mM TMAB, 200 mM PVP, 185 °C, 1.5 h (6.2 ± 0.6 nm). (d) 10 mM RhCl_3 , 50 mM TTAB, 200 mM PVP, 185 °C, 1.5 h (6.4 ± 0.5 nm).