

Supporting Information

Ultrafine Carbamazepine nanoparticles with enhanced water solubility and rate of dissolution†

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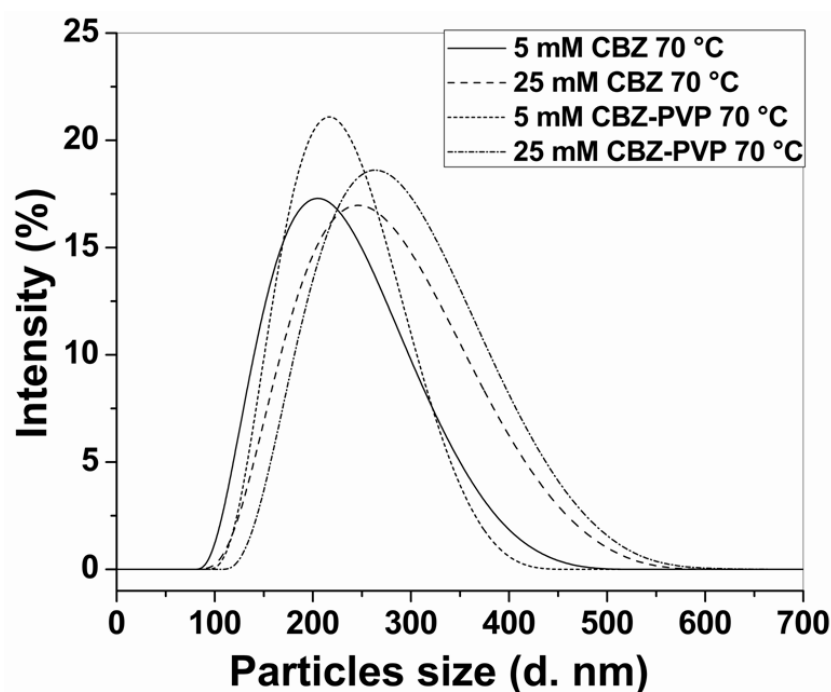


Figure S1: Particles size distribution of prepared CBZ nanoparticles in different experimental condition.

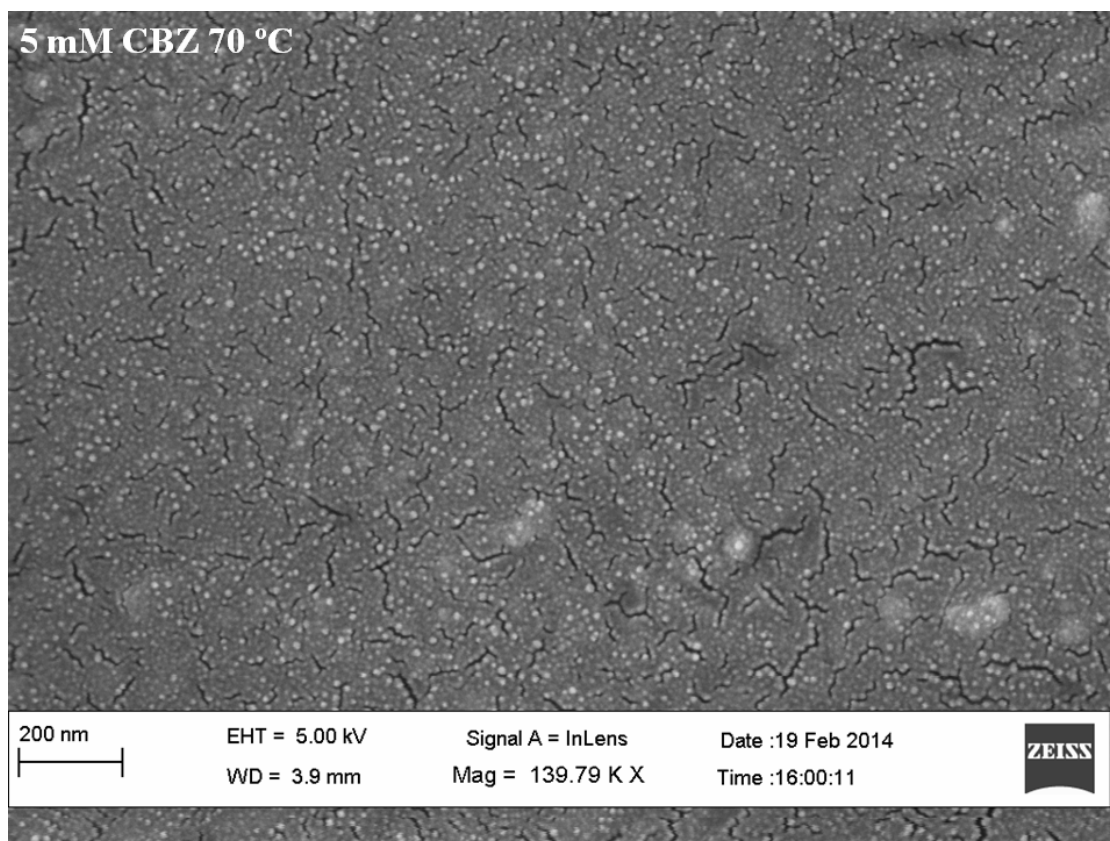


Figure S2: FESEM image of CBZ nanoparticles of 5 mM CBZ at 70 °C.

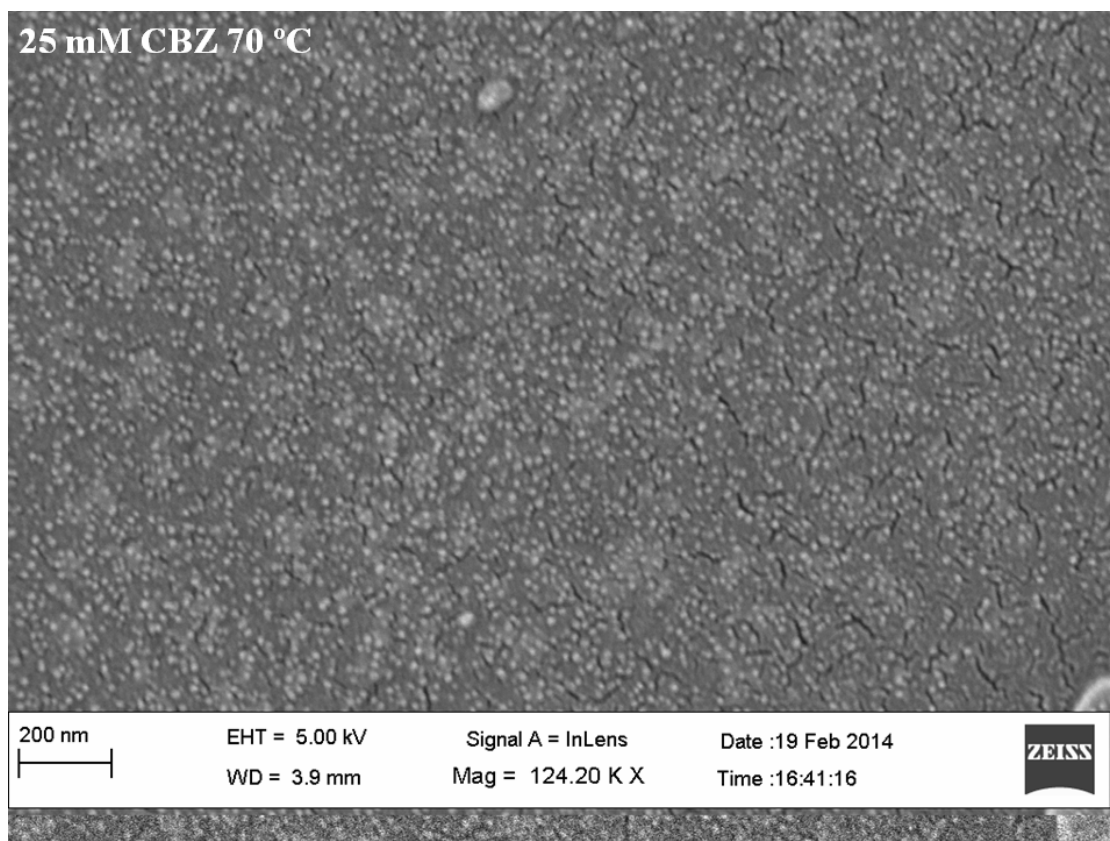


Figure S3: FESEM image of CBZ nanoparticles of 25 mM CBZ at 70 °C.

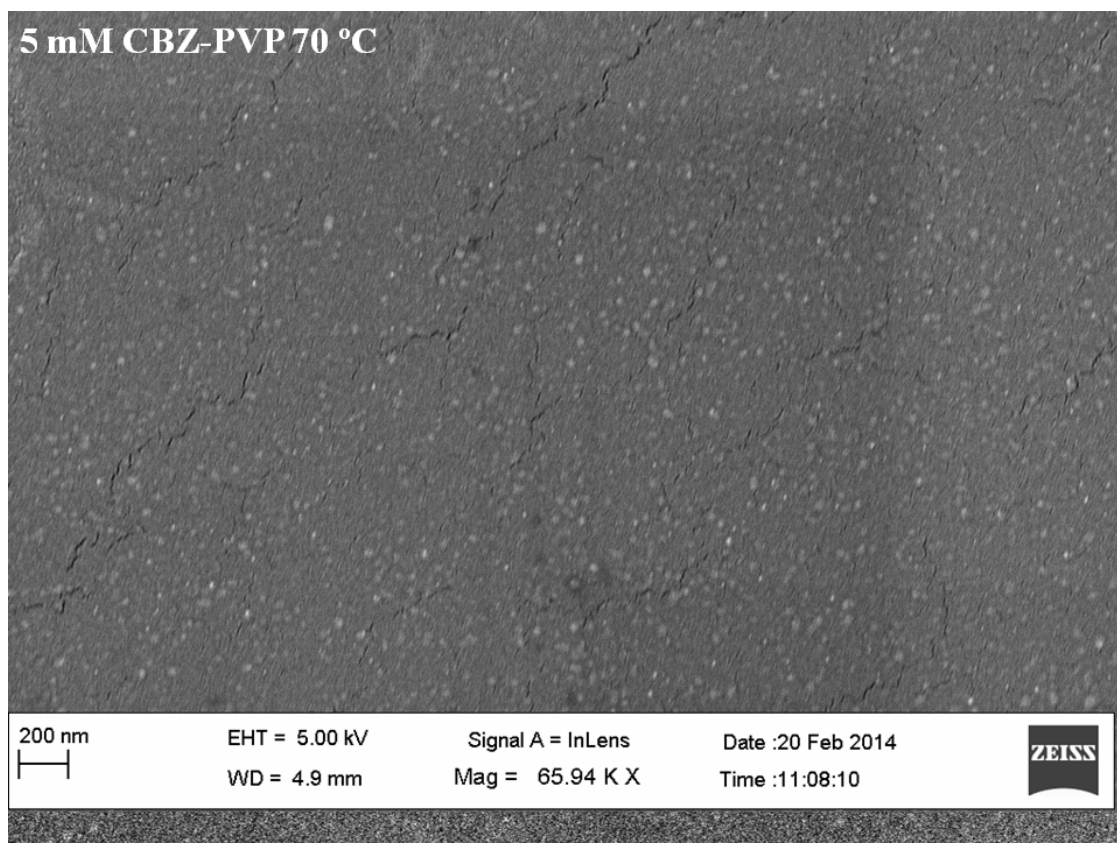


Figure S4: FESEM image of CBZ nanoparticles of 5 mM CBZ-PVP at 70 °C.

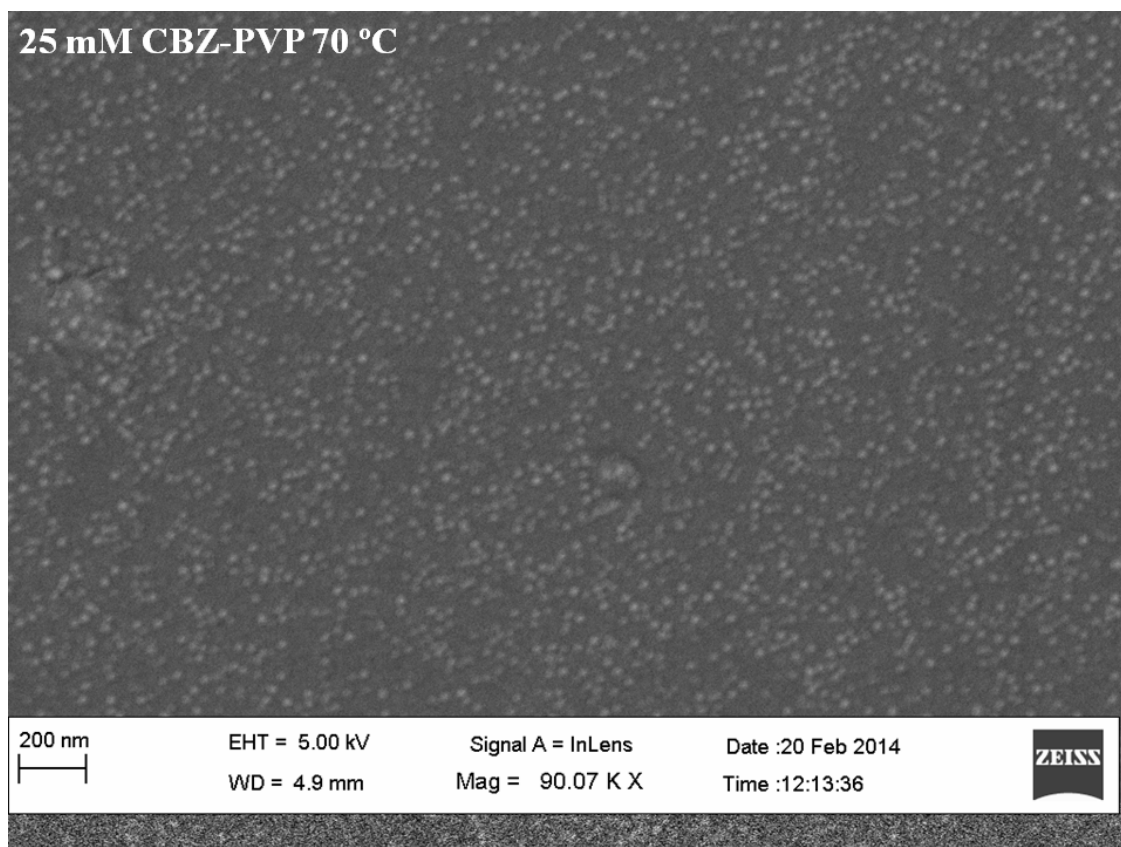


Figure S5: FESEM image of CBZ nanoparticles of 25 mM CBZ-PVP at 70 °C.

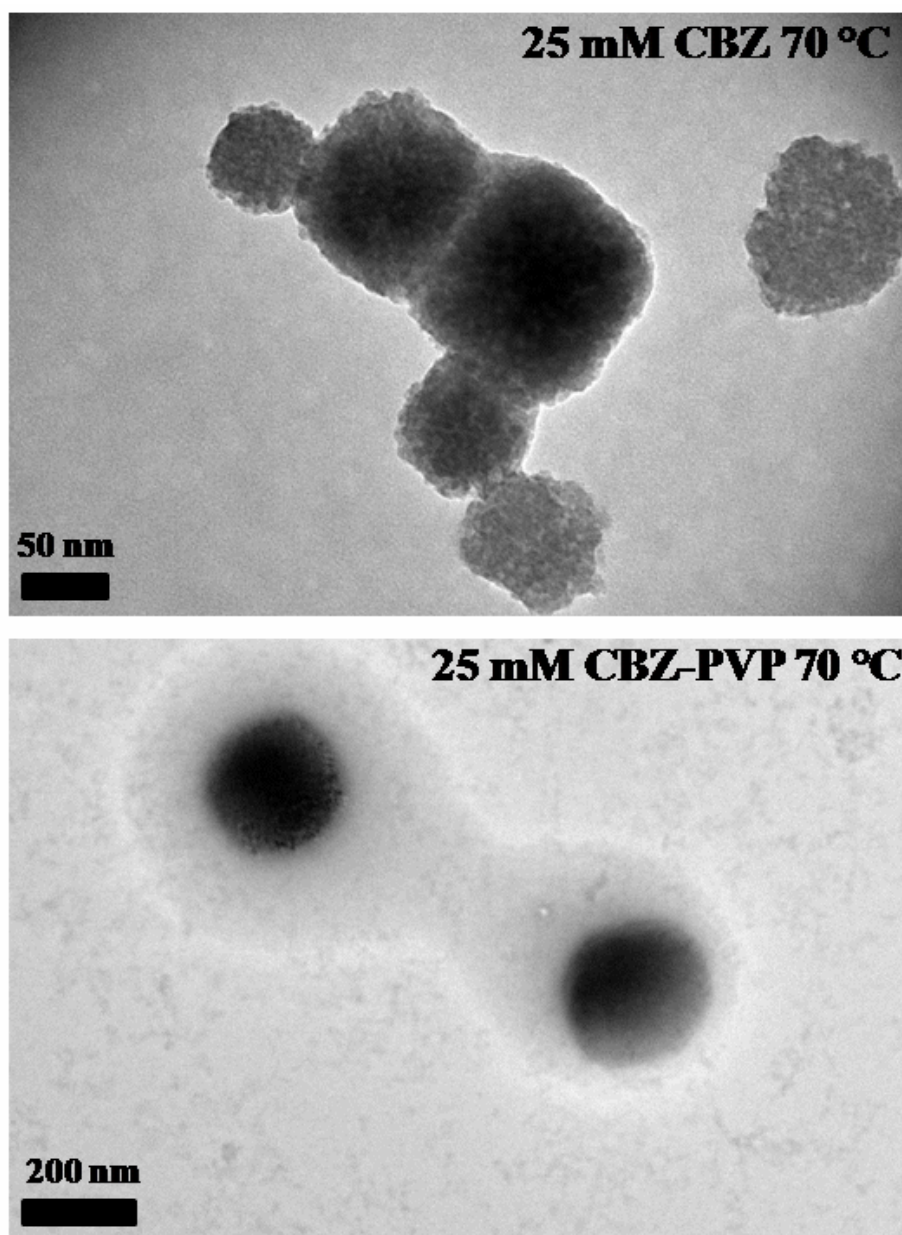


Figure S6: TEM images of CBZ nanoparticles and CBZ-PVP nanoparticles showing a dark corona and lighter surface.

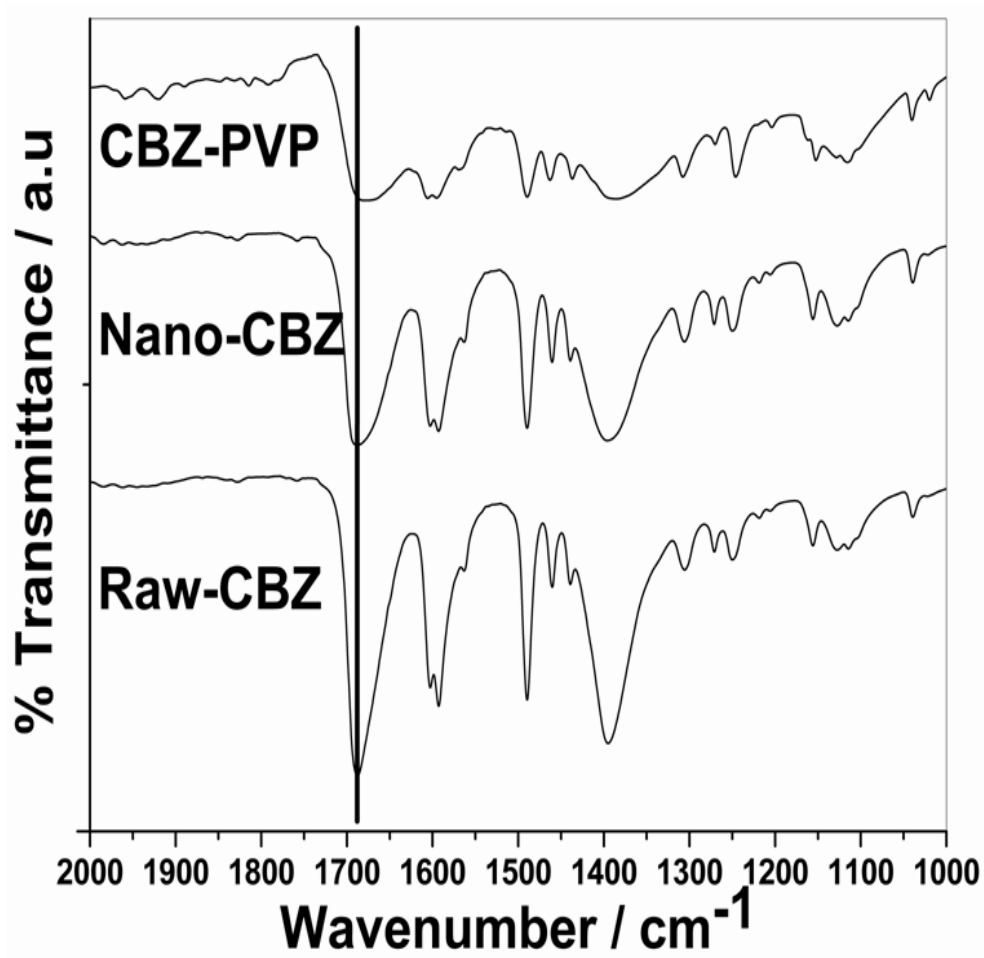


Figure S7: FTIR spectra of raw-CBZ, nano-CBZ and CBZ-PVP showing peak shift.