

Supporting Information

CdSe Tetrapod Synthesis Using Cetyltrimethylammonium Bromide and Heat Transfer Fluids

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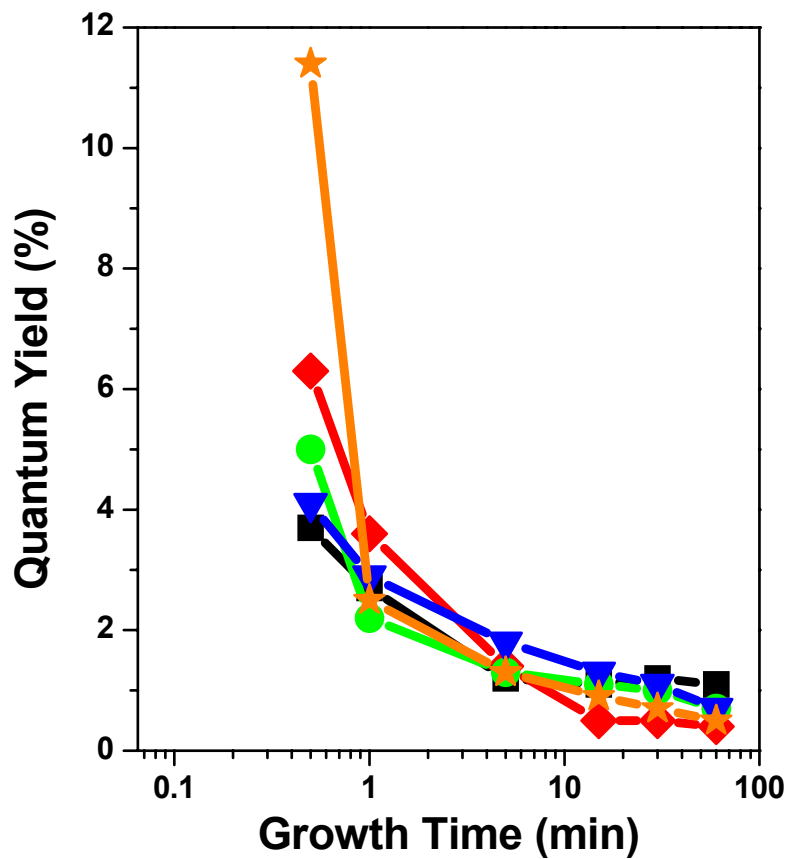


Figure S1. QYs of CdSe NPs as a function of time prepared in (■) ODE, (◆) T66, (●) TVP1, (▼) DPO, and (★) BP solvents at the injection/growth temperature of 190 °C/160 °C.

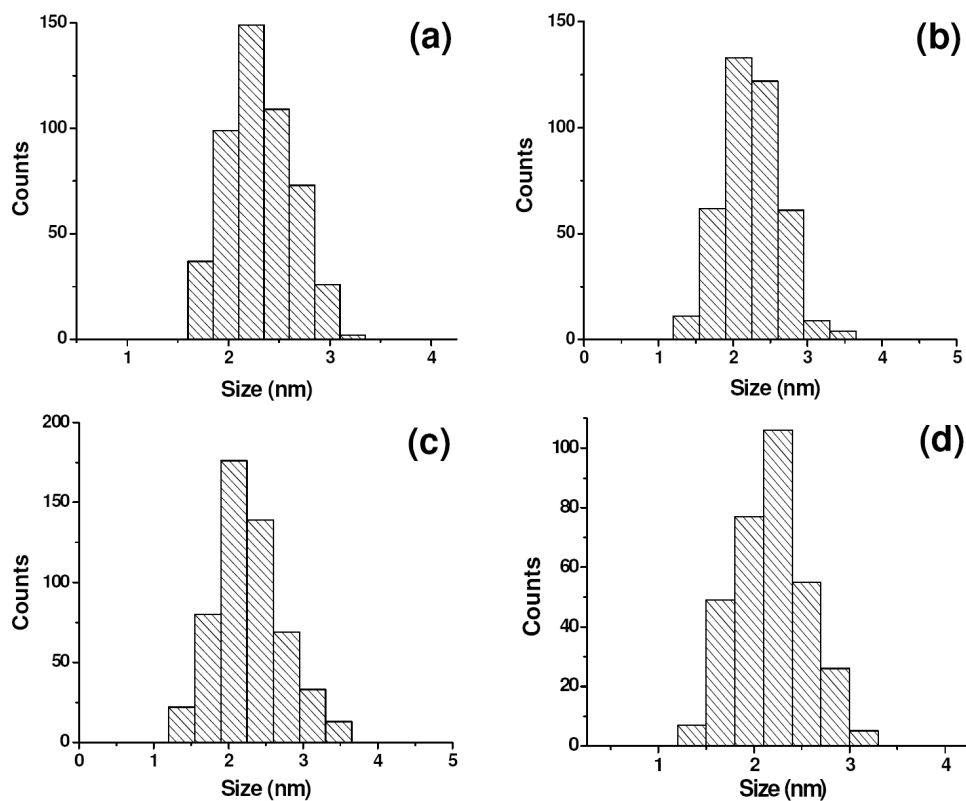


Figure S2. Histograms of CdSe nanoparticles formed at 0.5 min in (a) T66, (b) TVP1, (c) DPO, and (d) BP at the injection/growth temperatures of 190 °C/160 °C. The average diameters for CdSe NPs prepared in T66, TVP1, DPO, and BP were 2.3 (relative standard deviation = 14.3%), 2.3 (16.8%), 2.3 (19.53%), and 2.2 (17.9%), respectively.

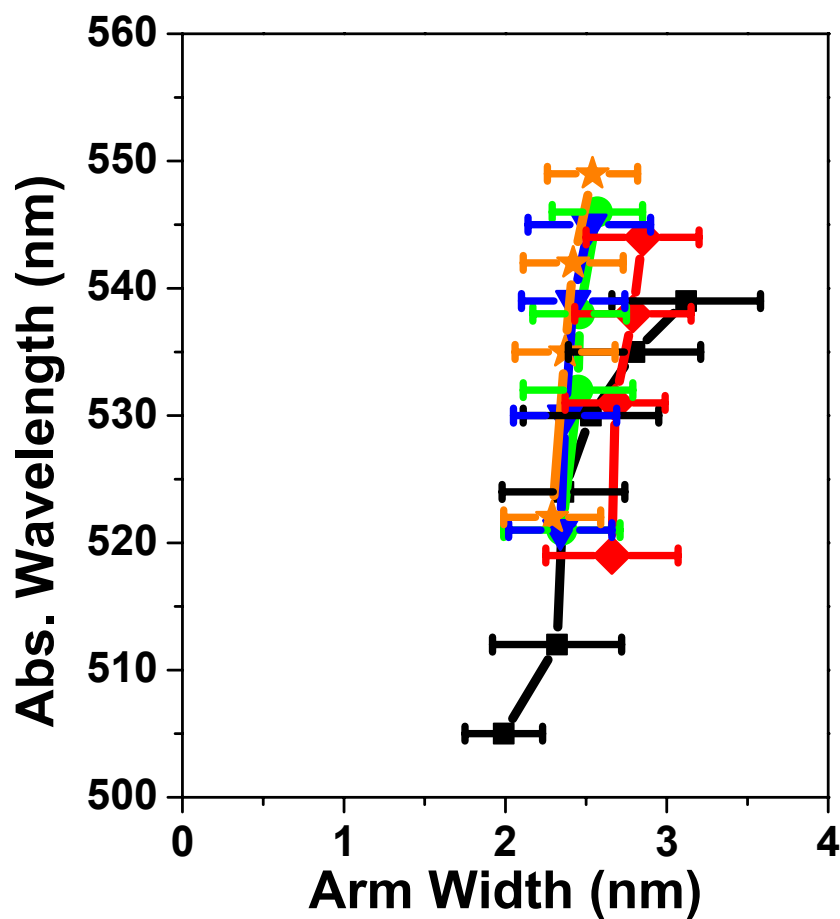


Figure S3. Absorbance position spectra of CdSe TPs as a function of arm width, which were prepared in (■) ODE, (◆) T66, (●) TVP1, (▼) DPO, and (★) BP solvents at the injection/growth temperature of 190 °C/160 °C, as reaction processed. Error bar: ± 1 standard deviation.