Supporting Information

CdSe Tetrapod Synthesis Using Cetyltrimethylammonium Bromide and Heat Transfer Fluids

Wen Yin Lynn Ko,1,2 Hitesh G. Bagaria,2 Subashini Asokan,3 Kaun-Jiuh Lin,1 and Michael S. Wong 2,3

1Dept. of Chemistry, Chung-Hsing University, Taichung, Taiwan, 2Dept. of Chemical and Biomolecular Engineering, Rice University, 3Dept. of Chemistry, Rice University, Houston, TX 77251-1892, USA

Corresponding author: M. S. Wong: mswong@rice.edu
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 (19.5 %), 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.