Sterically Induced Shape- and Crystalline Phase-Control of GaP Nanocrystals

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Supporting Information

Figure S1. X-ray diffraction patterns of spheres (a) and rods (b). Each diffraction pattern is consistent with the known value of either zinc blende or wurtzite structure of GaP, respectively.
**Figure S2.** Selected area electron diffraction (SAED) patterns of GaP spheres (a) and rods (b). Analyses of diffraction rings are consistent with either zinc blende or wurtzite structure of GaP, respectively.

**Figure S3.** A TEM image of a mixture of GaP spheres and rods obtained when intermediate amount of HDA was added to TOA (HDA: TOA=1:1).
**Figure S4.** EDS (Energy Dispersive Spectrometer) data of GaP nanocrystals indicate their stoichiometric compositions. Other peaks are due to sample holders and TEM grids.