Supporting Information

Non-blinking, highly luminescent, pH- and heavy metal ion-stable organic nanodots for bio-imaging

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Supporting Figure 1 Diameter statistics of 236 Sdots particles from the SEM pictures.

Supporting Figure 2 Hydrodynamic diameter of Sdots.
Supporting Figure 3 Zeta potential of Sdots

Supporting Figure 4 a) Excitation spectrum of Sdots with the emission peak of 598 nm. b) Excitation spectrum of Spiro-BTA solution in THF with the emission peak of 600 nm. c) Fluorescence emission spectrum of Spiro-BTA solution in THF.
**Supporting Figure 5** Relative fluorescence intensity of Sdots and commercialized CdTe QDs after exposing to UV irradiation. Sdots (blue), CdTe QDs (red).

**Supporting Figure 6** Standard absorption curve of the Sdots in water at 468 nm wavelength.
Supporting Figure 7 DLS of Sdots in PBS. blue - 0h; purple - 2h.

Supporting Figure 8 A typical selected area electron diffraction pattern of Sdots.

Scale bar for inset picture is 20 nm
Supporting Figure 9 DLS of surfactant coated Sdots in PBS. blue - 0h; red - 2h.