

Supporting Information

The effect of Molecular Structure on Stability of Organic Nanoparticles formed by Bodipy Dimers

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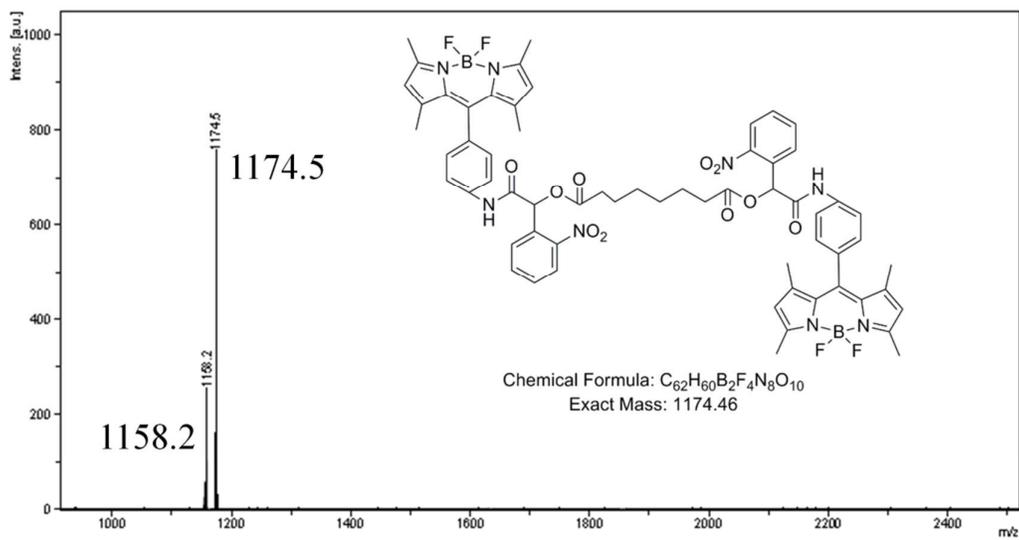


Figure S1. MALDI-TOF-MS spectra of the SNBDP.

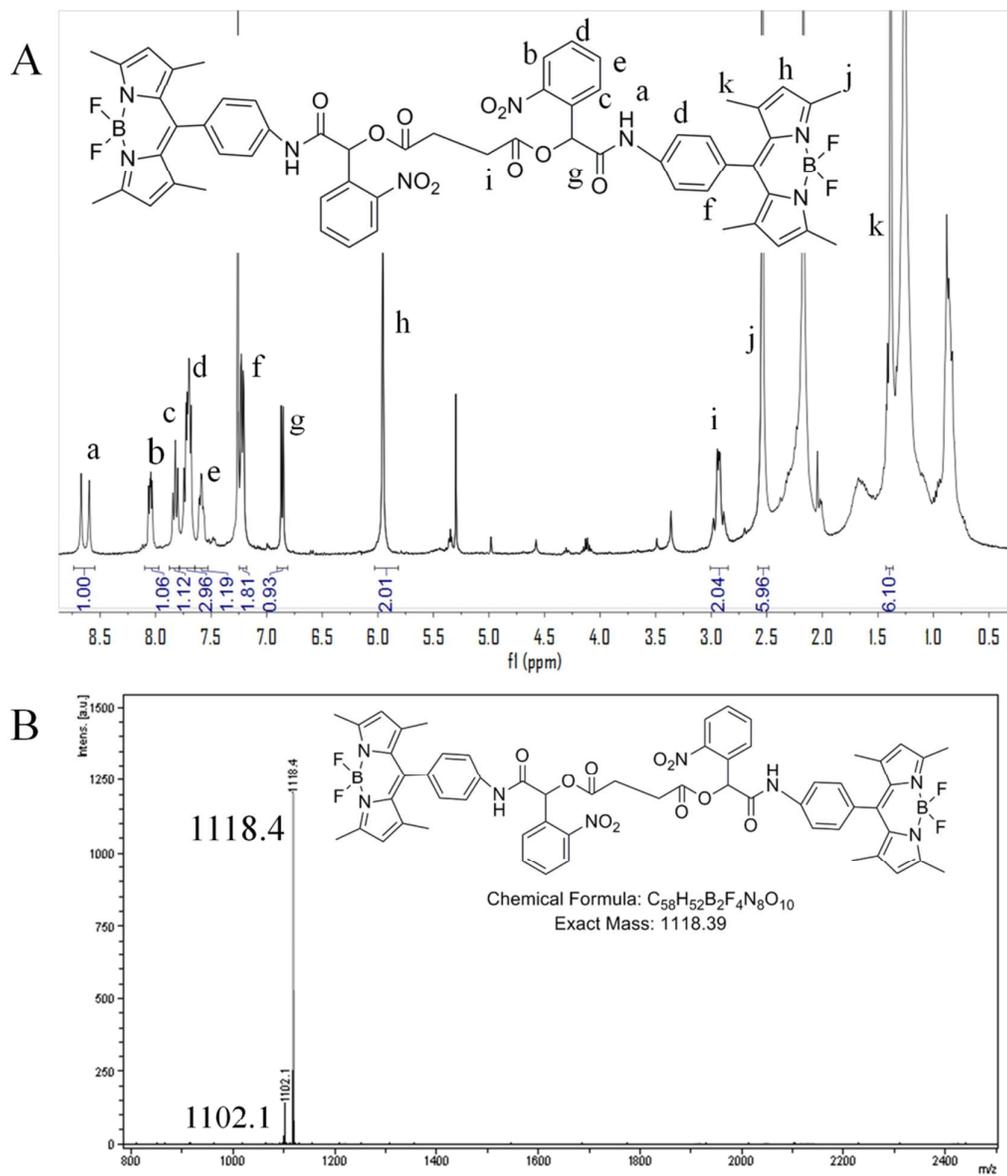


Figure S2. (A) ^1H NMR characterization and (B) MALDI-TOF MS spectrum of C4NBDP.

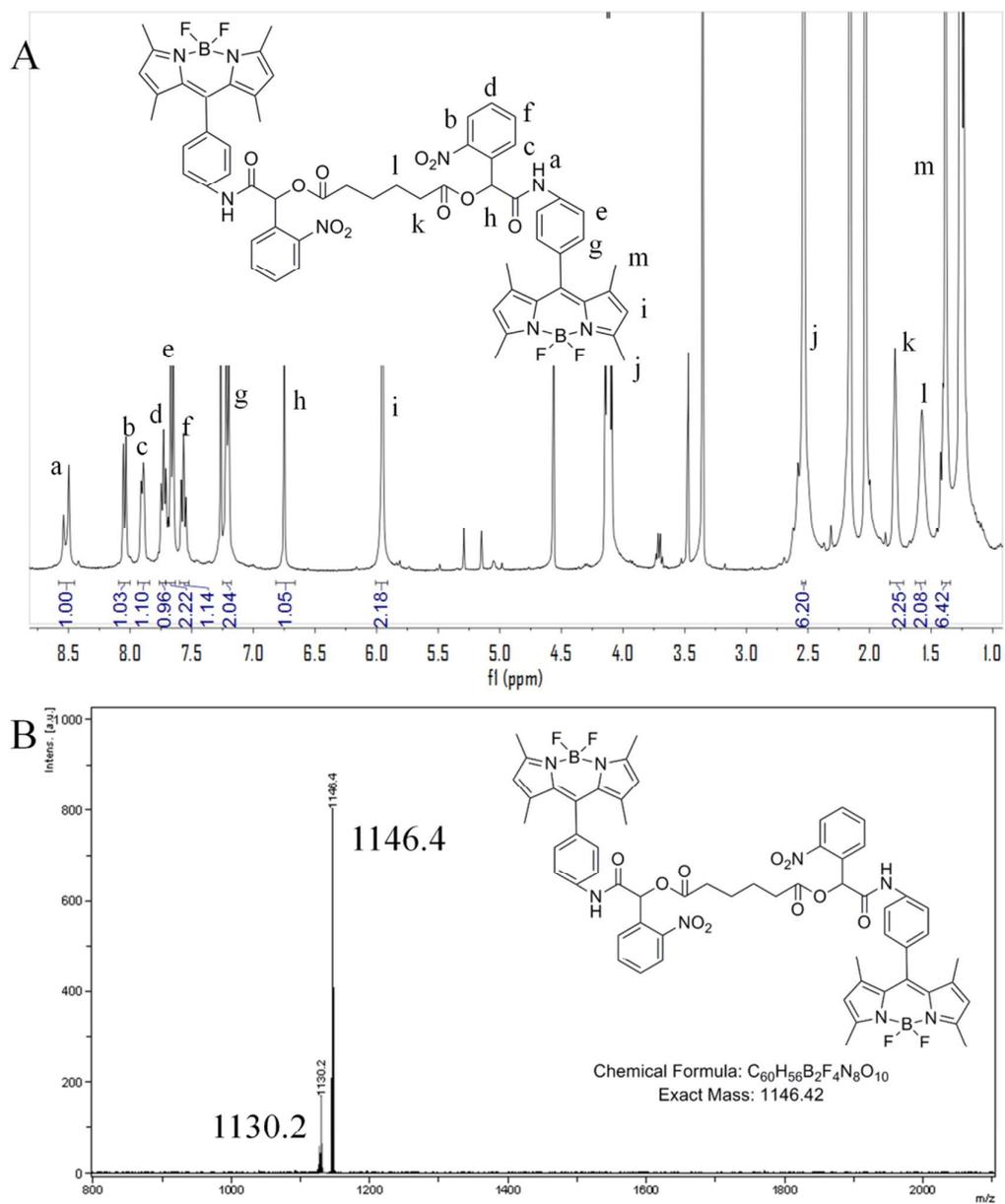


Figure S3. (A) 1H NMR characterization and (B) MALDI-TOF MS spectrum of C6NBDP.

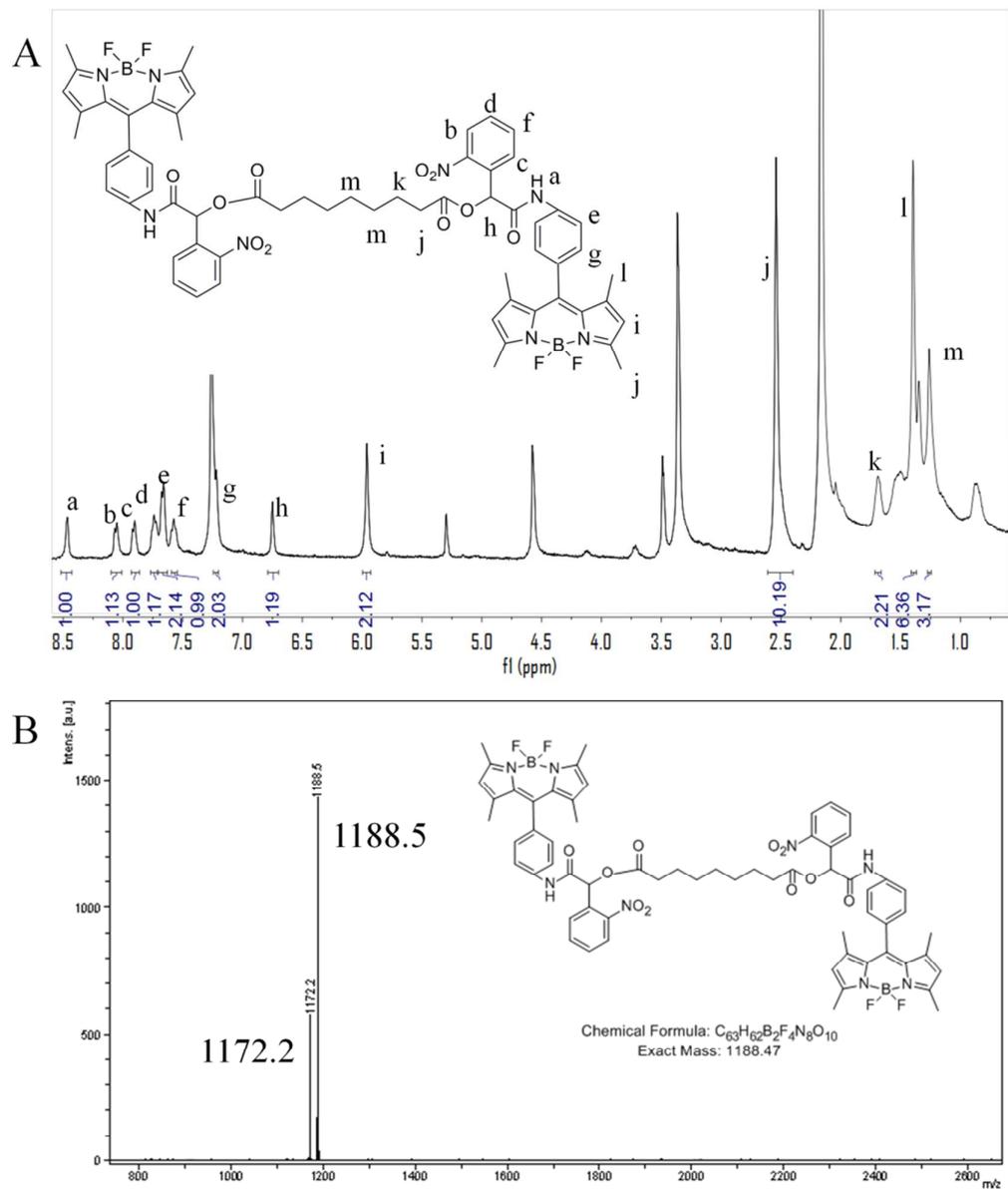


Figure S4. (A) ^1H NMR characterization and (B) MALDI-TOF MS spectrum of C9NBDP.

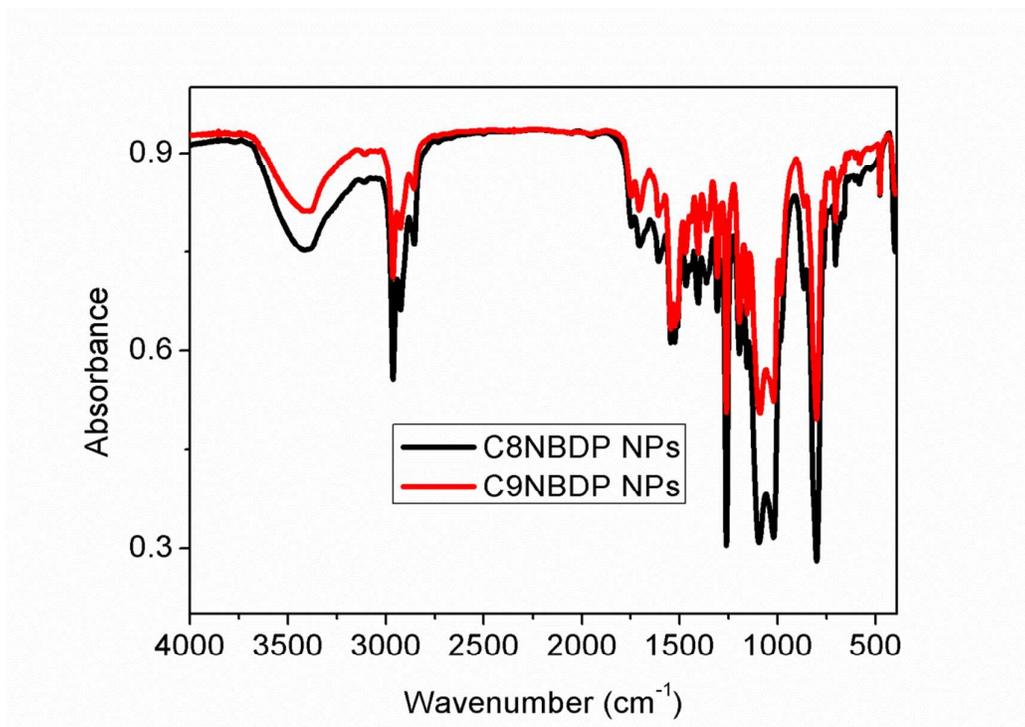


Figure S5. FT-IR spectra of C8NBDP NPs and C9NBDP NPs freeze-dried.

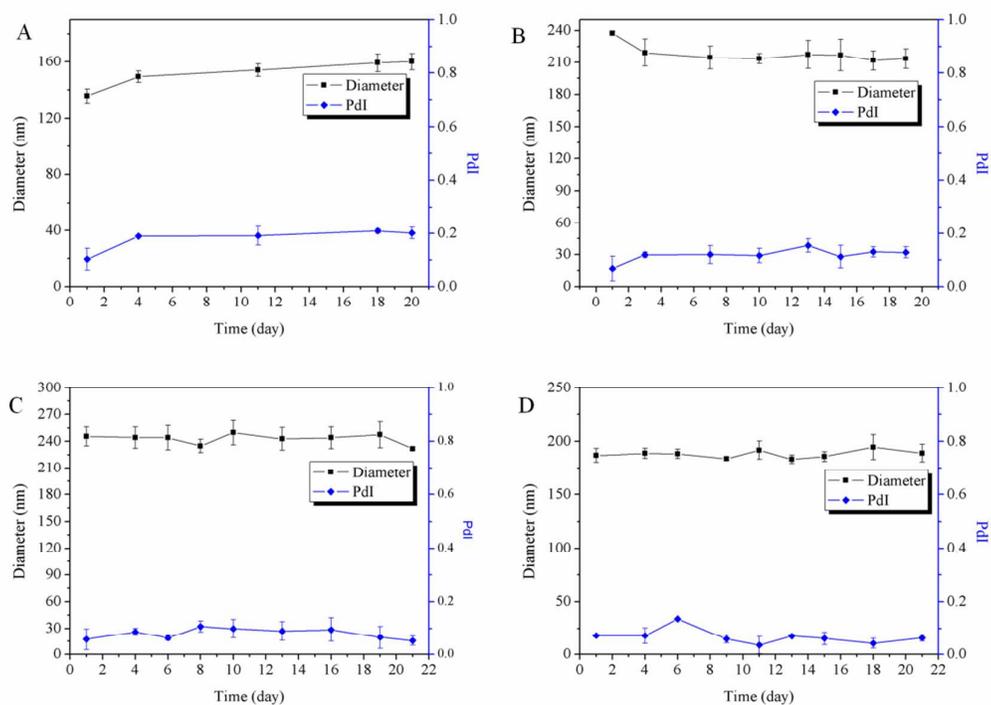


Figure S6. The diameter and PDI of (A) C4NBDP NPs, (B) C6NBDP NPs, (C) C8NBDP NPs and (D) C9NBDP NPs in twenty days measured by DLS.

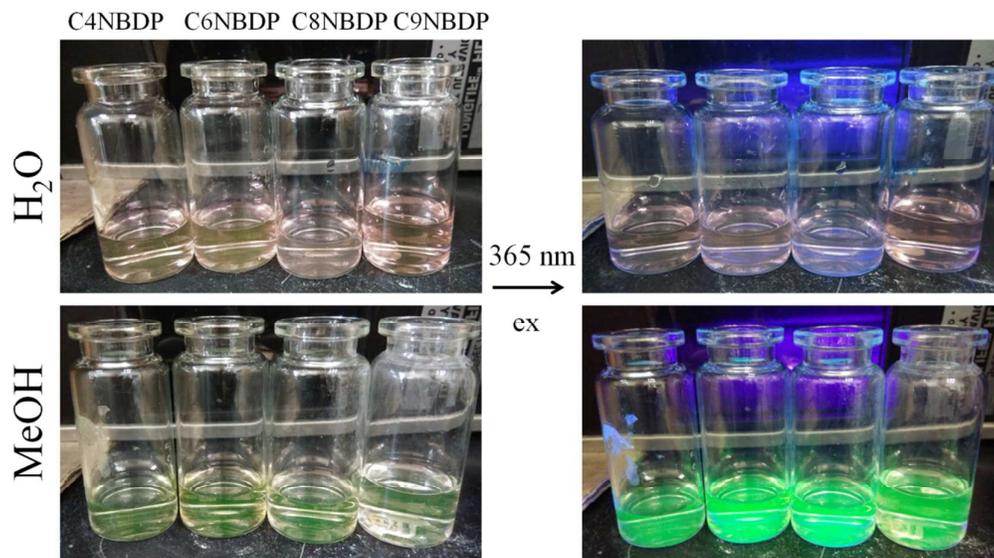


Figure S7. The photos of C_xNBDP NPs in water and C_xNBDP in MeOH under 365-nm light irradiation.

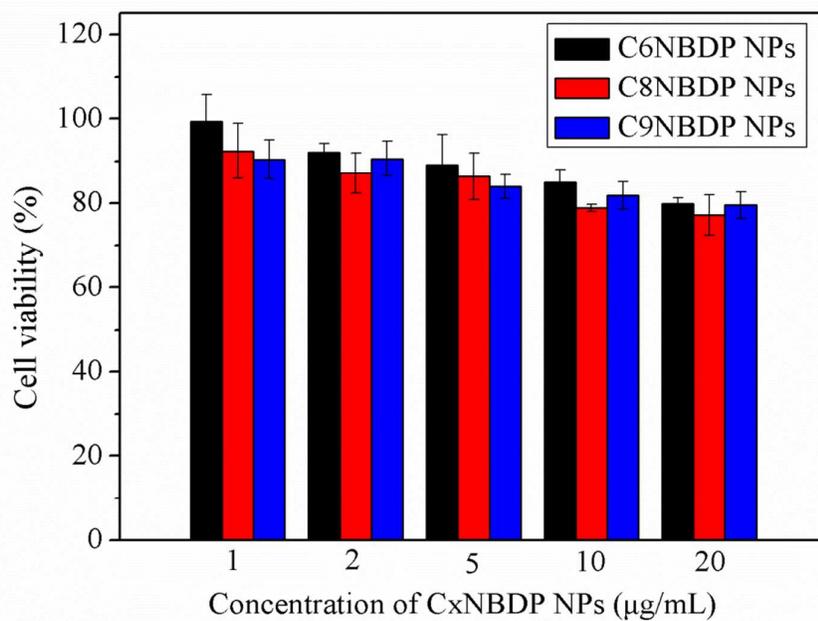


Figure S8. Cell viability of HeLa cells incubated with C_xNBDP NPs

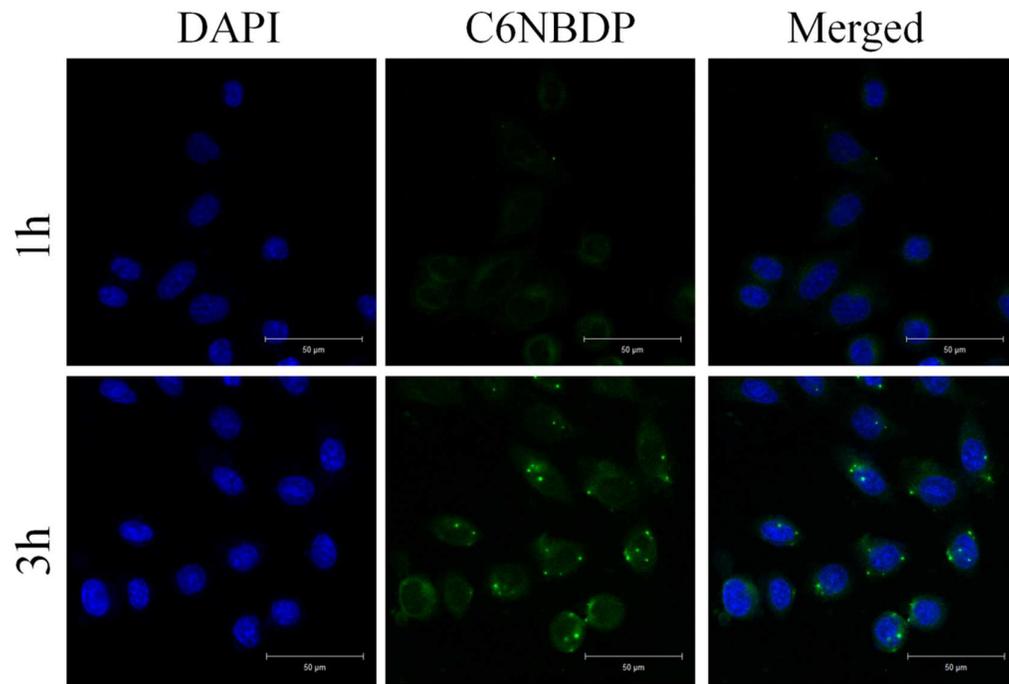


Figure S9. Representative CLSM images of HeLa cells incubated with C6NBDP NPs for 1 h and 3 h.

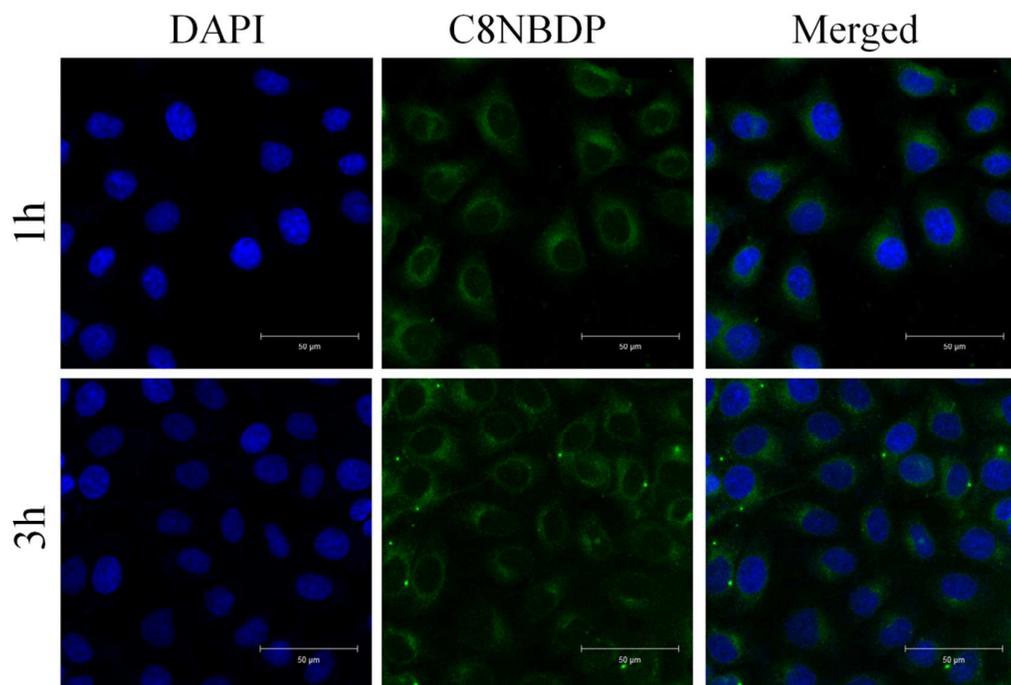


Figure S10. Representative CLSM images of HeLa cells incubated with C8NBDP NPs for 1h and 3 h.

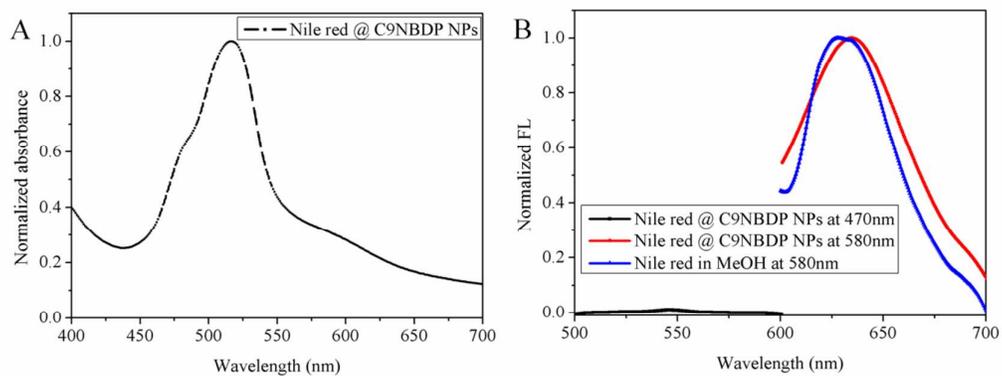


Figure S11. (A) UV-vis absorption and (B) fluorescence spectra of Nile red@C9NBDP NPs.

Table S1. Zeta potential of CxNBDP NPs

Nanoparticles	Zeta potential
C6NBDP	-30.1 ± 1.2 mV
C8NBDP	-29.5 ± 1.6 mV
C9NBDP	-28.3 ± 0.2 mV