Supporting Information

Shaping rolling circle amplification products into DNA nanoparticles by incorporation of modified nucleotides and their application to \textit{in vitro} and \textit{in vivo} delivery of a photosensitizer

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**Figure S1.** UV absorbance of DNPs at 260 nm

**Figure S2.** DLS analysis showing hydrodynamic sizes of DNP\textsubscript{dTTP} produced by RCA at various reaction times.
Figure S3. Relative cellular uptake of DNP<sub>_dTTP</sub> into HeLa cells in the presence and absence of endocytosis inhibitors. Chlorpromazine (CPZ) is an inhibitor for the clathrin-dependent endocytosis. Methyl-β-cyclodextrin (MbCD) is an inhibitor for the caveolae-dependent endocytosis. 5-(N-ethyl-N-isopropyl) amiloride (EIPA) is an inhibitor for macropinocytosis. Poly-inosinic acid (poly-I) is an inhibitor for scavenger receptor-mediated endocytosis. The uptake levels were measured by flow cytometry. The data show the results of triplicated experiments.