

Supporting Information

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

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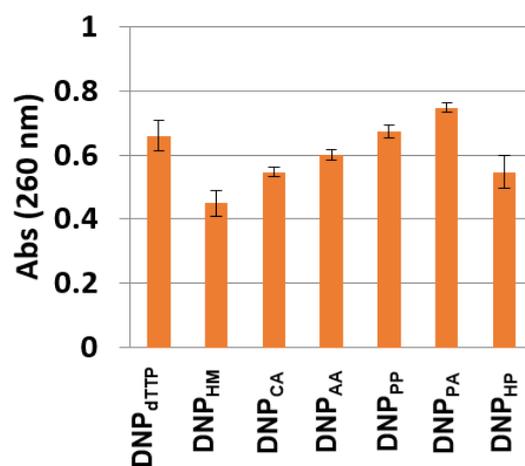


Figure S1. UV absorbance of DNPs at 260 nm

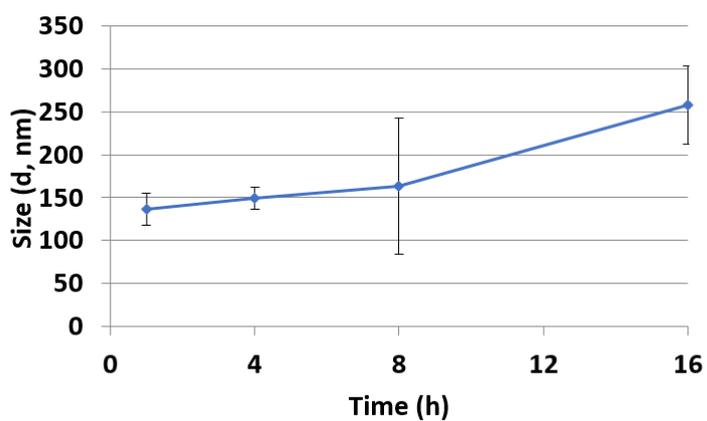


Figure S2. DLS analysis showing hydrodynamic sizes of DNP_{dTTP} produced by RCA at various reaction times.

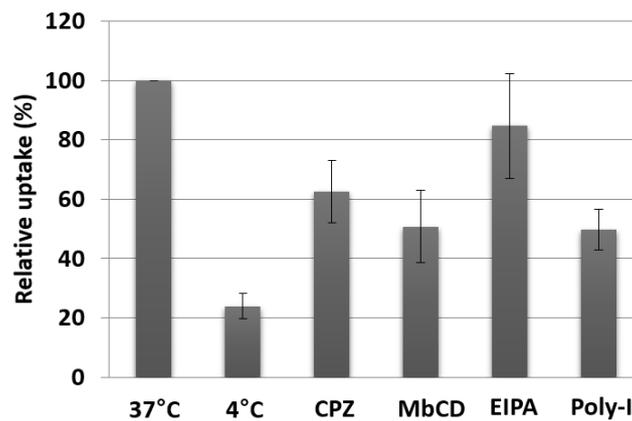


Figure S3. Relative cellular uptake of DNP_{dTTP} into HeLa cells in the presence and absence of endocytosis inhibitors. Chlorpromazine (CPZ) is an inhibitor for the clathrin-dependent endocytosis. Methyl- β -cyclodextrin (MbCD) is an inhibitor for the caveolae-dependent endocytosis. 5-(*N*-ethyl-*N*-isopropyl) 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.