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Electronic Supplementary Information (ESI)

Synergistic Chemo-Photodynamic Therapy Mediated by Light-Activated ROS-

Degradable Nanocarriers

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Figure S1. Illustration showing the chemical structure transformation during the degradation process of the PPE–Dex under ROS treatment.



Figure S2. Synthesis route (a) and ¹H NMR spectrum (b) of the formed PPE–COOH.

S3

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Figure S3. Synthesis route (a) and ¹H NMR spectrum (b) of the formed MA–COOH.

S4

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Figure S4. TEM images recorded for the morphologies of (a) PPE–Dex@Ce6 NPs and (b) MA–Dex@Ce6 NPs.

S5

Journal Name



Figure S5. Plot shows the combination index of PPE–Dex@Dox NPs and PPE–Dex@Ce6 NPs with 655-nm laser irradiation. Cell viability was measured through MTT assay.