Supporting information

of

Mitochondria-Targeted Chimeric Peptide for Trinitarian Overcoming of Drug Resistance

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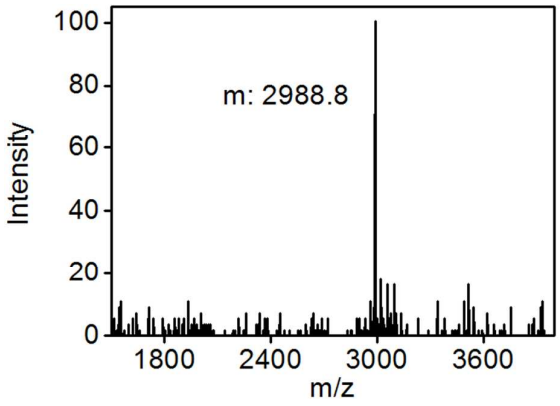

Figure S1. MALDI-TOF-MS of MTCP.

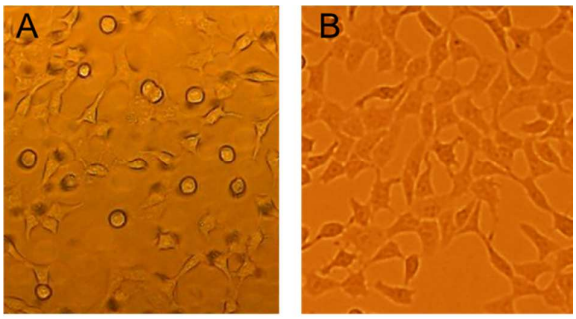

Figure S2. Morphology of HeLa cells in culture medium with (A) 2.5% DMSO and (B) without DMSO.

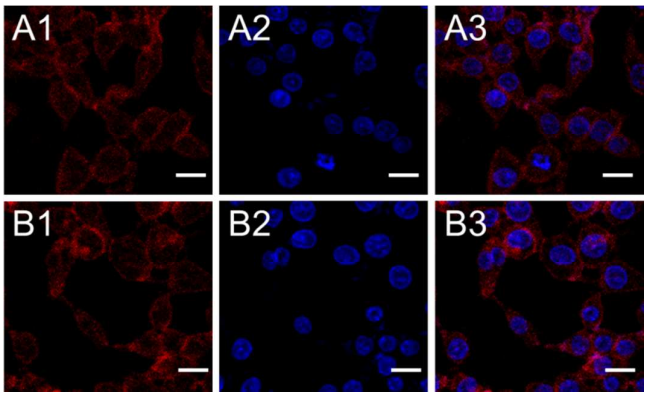

Figure S3. Cellular uptake of free PpIX in (A1-A3) HeLa cells and (B1-B3) COS7 cells. Red signal: PpIX; blue signal: Hochest 33342 stained nucleus. The scale bar was 20 μm.

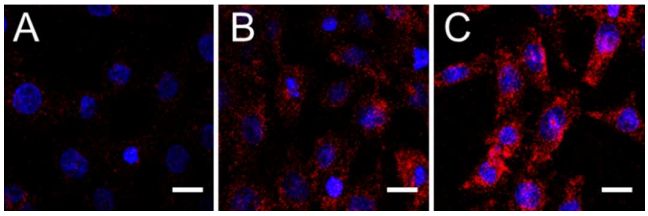

Figure S4. Cellular uptake of MTCP/DOX in HeLa cells over time: (A) 1 h, (B) 2 h and (C) 4 h. Red signal: DOX; blue signal: Hochest 33342 stained nucleus. The scale bar was 15 μm.

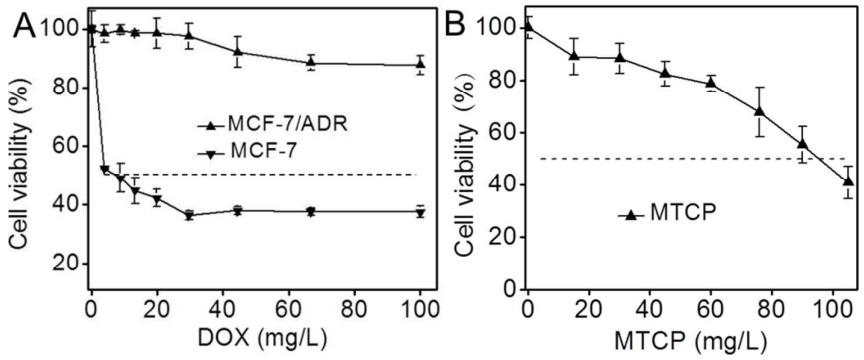

Figure S5. (A) Cytotoxicity of free DOX in MCF-7/ADR cells and MCF-7 cells. (B) Cytotoxicity of MTCP in MCF-7 cells.

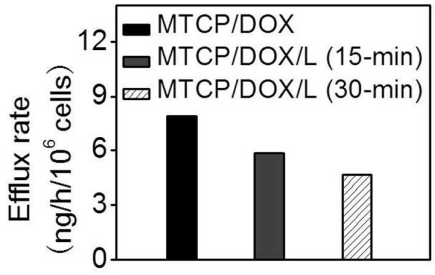

Figure S6. Average efflux speed of various samples in MCF-7/ADR cells.