Novel Pt-loaded layered double hydroxide nanoparticles for efficient and cancer-cell specific delivery of a cisplatin prodrug

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Electronic Supporting Information
Figure S1. Stability of LDH-Pt(IV) in MilliQ water. (A) The as-prepared LDH-Pt(IV) at a concentration of 120 µM; (B) Sample A stored at 4 °C after 1 month.

Figure S2. Pt contents in genomic DNA of A2780 cells. Cells were treated with 10 µM complexes for 10 h, and Pt contents in genomic DNA were measured.
**Figure S3.** Cell cycle arrest of A2780 cells after treatment of LDH for 24 h.

**Figure S4.** Whole cell uptake of DSCP and LDH-Pt(IV) in NIH3T3 cells. Cells were treated with 10 µM complexes for 10 h, and Pt contents were measured.