pH and Reduction Dual-Sensitive Polymeric Micelle for Tumor Microenvironment Triggered Cellular Uptake and Controlled Intracellular Drug Release

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Table S1. Molecular weight characterization of the synthesized polymers

<table>
<thead>
<tr>
<th>Polymer</th>
<th>Mnª</th>
<th>Mnª</th>
<th>Mw/Mnª</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-BOC-PBLA-CA</td>
<td>1200</td>
<td>1500</td>
<td>1.09</td>
</tr>
<tr>
<td>mPEG-C=N-PAsp(MEA)-CA</td>
<td>3600</td>
<td>4000</td>
<td>1.04</td>
</tr>
</tbody>
</table>

ªCalculated by H NMR; ‰calculated by CPC
**Figure S1.** Determination of CMC value of the polymer mPEG-C=N-PAsp(MEA)-CA at pH 7.4.

**Figure S2.** The fluorescence spectra of DOX-SCM after treated in PBS of different pH and GSH concentration for 1 h.
**Figure S3.** Cellular uptake efficiency of DOX-SCM by C6 cells at different pH determined by flow cytometry analysis.

**Figure S4.** The semi-quantitative mean fluorescence intensity (MFI) analysis of different organs after 24 h treatment.