

**Supporting Information for:**

**Residue cytotoxicity of hydrazone-linked polymer-drug conjugate:  
Implication for acid-responsive micellar drug delivery**

Yu Zhang, Min Gao, Chao Chen, Zheng Wang\* and Yanjun Zhao\*

School of Pharmaceutical Science and Technology, Tianjin Key Laboratory for Modern Drug  
Delivery & High Efficiency, Collaborative Innovation Center of Chemical Science and Engineering,  
Tianjin University , Tianjin, 300072

\* To whom correspondence should be addressed.

Dr. Yanjun Zhao; Prof. Zheng Wang

School of Pharmaceutical Science & Technology, Tianjin University

92 Weijin Road, Nankai District, Tianjin 300072, China

Tel: +86-22-2740 7882, Fax: +86-22-2740 4018

Email: zhaoyj@tju.edu.cn; wangzheng2006@tju.edu.cn

**Table S1.** Summary of the IC<sub>50</sub> data of curcumin (Cur), its derivative (Cur-L) and pH-responsive polymer-Cur and pH-insensitive (ester-linked) conjugate in HeLa cells.

<b>Sample</b>	<b>IC<sub>50</sub> (μM)</b>
Cur	35.9 ± 4.6
Cur-L	37.1 ± 4.5
Conjugate (hydrazone)	170.4 ± 10.3
Conjugate (ester)	64.0 ± 9.3