

Accepted Manuscript

Title: Conjugating an anticancer drug onto thiolated hyaluronic acid by acid liable hydrazone linkage for its gelation and dual stimuli-response release

Author: Chaoping Fu Hailiang Li Nannan Li Xiangwan Miao
Minqiang Xie Wenjun Du Li-Ming Zhang



PII: S0144-8617(15)00333-1
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2015.04.024>
Reference: CARP 9855

To appear in:

Received date: 7-1-2015
Revised date: 2-4-2015
Accepted date: 4-4-2015

Please cite this article as: Fu, C., Li, H., Li, N., Miao, X., Xie, M., Du, W., and Zhang, L.-M., Conjugating an anticancer drug onto thiolated hyaluronic acid by acid liable hydrazone linkage for its gelation and dual stimuli-response release, *Carbohydrate Polymers* (2015), <http://dx.doi.org/10.1016/j.carbpol.2015.04.024>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **Conjugating an anticancer drug onto thiolated hyaluronic acid by acid liable**
2 **hydrazone linkage for its gelation and dual stimuli-response release**

3

4 Chaoping Fu ^{a, b}, Hailiang Li ^c, Nannan Li ^a, Xiangwan Miao ^c, Minqiang Xie ^c, Wenjun Du ^d,
5 Li-Ming Zhang ^{a, b, *}

6

7 ^a *PCFM Lab and GDHPPC Lab, Institute of Polymer Science, Department of Polymer and*
8 *Materials Science, School of Chemistry and Chemical Engineering, Sun Yat-sen University,*
9 *Guangzhou 510275, China*

10 ^b *Guangdong Provincial Key Laboratory of New Drug Design and Evaluation, School of*
11 *Pharmaceutical Science, Sun Yat-sen University, Guangzhou 510006, China*

12 ^c *Department of Otorhinolaryngology Head and Neck Surgery, Zhujiang Hospital, Southern*
13 *Medical University, Guangzhou 510282, China*

14 ^d *Department of Chemistry, Central Michigan University, Mount Pleasant, MI48858, USA*

15

16

17

18

19

20

21

22

23

Download English Version:

<https://daneshyari.com/en/article/7788322>

Download Persian Version:

<https://daneshyari.com/article/7788322>

[Daneshyari.com](https://daneshyari.com)