Accepted Manuscript

Hypoxia-responsive block copolymer radiosensitizers as anticancer drug nanocarriers for enhanced chemoradiotherapy of bulky solid tumors

Wei Yin, Ming Qiang, Wendong Ke, Yu Han, Jean Felix Mukerabigwi, Zhishen Ge

PII: S0142-9612(18)30568-4

DOI: 10.1016/j.biomaterials.2018.08.014

Reference: JBMT 18820

To appear in: Biomaterials

Received Date: 20 May 2018
Revised Date: 10 July 2018
Accepted Date: 3 August 2018

Please cite this article as: Yin W, Qiang M, Ke W, Han Y, Mukerabigwi JF, Ge Z, Hypoxia-responsive block copolymer radiosensitizers as anticancer drug nanocarriers for enhanced chemoradiotherapy of bulky solid tumors. *Biomaterials* (2018), doi: 10.1016/i.biomaterials.2018.08.014.

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.



ACCEPTED MANUSCRIPT

Hypoxia-responsive block copolymer radiosensitizers as

anticancer drug nanocarriers for enhanced chemoradiotherapy of

bulky solid tumors

Wei Yin^{a,b}, Ming Qiang^c, Wendong Ke^a, Yu Han^a, Jean Felix Mukerabigwi^a, Zhishen Ge*, a

^a CAS Key Laboratory of Soft Matter Chemistry, Department of Polymer Science and

Engineering, University of Science and Technology of China, Hefei 230026, Anhui, China.

^b Department of Pharmacology, Xin Hua University of Anhui, Hefei 230088, Anhui, China.

^c Department of Oncology, 105 Hospital of People's Liberation Army, Hefei 230031,

Anhui, China

*Corresponding Author:

E-mail: gezs@ustc.edu.cn

1

Download English Version:

https://daneshyari.com/en/article/6484311

Download Persian Version:

https://daneshyari.com/article/6484311

<u>Daneshyari.com</u>