

Accepted Manuscript

Redox-responsive FRET-based Polymer Dot with BODIPY for Fluorescence Imaging-guided Chemotherapy of Tumor

Young Kwang Kim, Jung Eun Lee, Benny Ryplida, Cheong A. Choi, Zihnil Adha Islamy Mazrad, Gibaek Lee, Sangkug Lee, Insik In, Ji Hoon Jeong, Sung Young Park

PII: S0939-6411(18)31039-7
DOI: <https://doi.org/10.1016/j.ejpb.2018.09.025>
Reference: EJPB 12889

To appear in: *European Journal of Pharmaceutics and Biopharmaceutics*

Received Date: 20 August 2018
Revised Date: 21 September 2018
Accepted Date: 25 September 2018

Please cite this article as: Y.K. Kim, J.E. Lee, B. Ryplida, C.A. Choi, Z.A.I. Mazrad, G. Lee, S. Lee, I. In, J.H. Jeong, S.Y. Park, Redox-responsive FRET-based Polymer Dot with BODIPY for Fluorescence Imaging-guided Chemotherapy of Tumor, *European Journal of Pharmaceutics and Biopharmaceutics* (2018), doi: <https://doi.org/10.1016/j.ejpb.2018.09.025>

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.



Redox-responsive FRET-based Polymer Dot with BODIPY for Fluorescence Imaging-guided Chemotherapy of Tumor

Young Kwang Kim¹, Jung Eun Lee², Benny Ryplida¹, Cheong A Choi³, Zihnil Adha Islamy Mazrad¹, Gibaek Lee³, Sangkug Lee⁴, Insik In^{1,5}, Ji Hoon Jeong^{2}, Sung Young Park^{1,3*}*

¹Department of IT Convergence, Korea National University of Transportation, Chungju 380-702, Republic of Korea

²School of Pharmacy Sungkyunkwan University, Suwon, Gyeonggi-do 440-746, Republic of Korea

³Department of Chemical and Biological Engineering, Korea National University of Transportation, Chungju 380-702, Republic of Korea

⁴IT Convergence Material R&D Group, Korea Institute of Industrial Technology, Cheonan-si, Chungcheongnam-do 35-3, Republic of Korea

⁵Department of Polymer Science and Engineering, Korea National University of Transportation, Chungju 380-702, Republic of Korea

*Corresponding author:

E-mail: parkchem@ut.ac.kr (Sung Young Park), Tel: +82-43-841-5225, Fax: +82-43-841-5220

E-mail: jhjeong@skku.edu (Ji Hoon Jeong), Tel: +82-10-2054-9914

Y. K. Kim and J. E. Lee contributed same to this work.

Download English Version:

<https://daneshyari.com/en/article/11029363>

Download Persian Version:

<https://daneshyari.com/article/11029363>

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