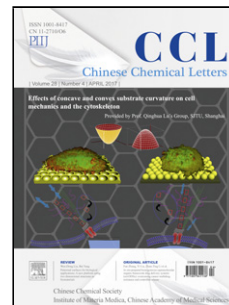


Accepted Manuscript

Title: Intracellular enzyme-activatable prodrug for real-time monitoring of chlorambucil delivery and imaging

Author: Meng Ni Wen-Jun Zeng Xin Xie Ze-Lin Chen Hao Wu Chang-Min Yu Bo-Wen Li



PII: S1001-8417(17)30161-4
DOI: <http://dx.doi.org/doi:10.1016/j.cclet.2017.04.024>
Reference: CCLET 4060

To appear in: *Chinese Chemical Letters*

Received date: 19-2-2017
Revised date: 4-4-2017
Accepted date: 20-4-2017

Please cite this article as: M. Ni, W.-J. Zeng, X. Xie, Z.-L. Chen, H. Wu, C.-M. Yu, B.-W. Li, Intracellular enzyme-activatable prodrug for real-time monitoring of chlorambucil delivery and imaging, *Chinese Chemical Letters* (2017), <http://dx.doi.org/10.1016/j.cclet.2017.04.024>

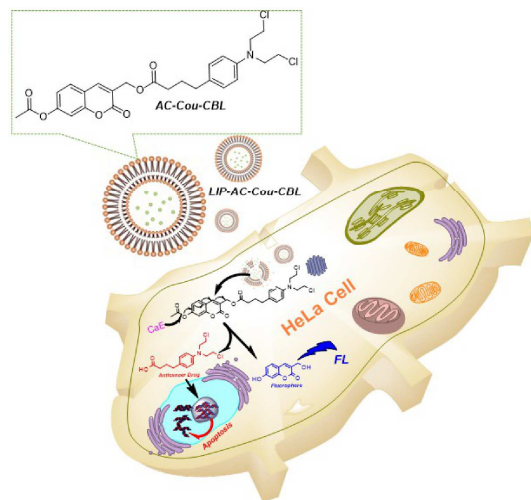
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please 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.

Graphical Abstract

Intracellular enzyme-activatable prodrug for real-time monitoring of chlorambucil delivery and imaging

Meng Ni [†], Wen-Jun Zeng [†], Xin Xie, Ze-Lin Chen, Hao Wu, Chang-Min Yu, Bo-Wen Li ^{*}

College of Materials Science & Engineering, South China University of Technology, Guangzhou 510640, China



A new carboxylesterase-activatable prodrug has been developed for enzyme-biomarker-triggered drug release and *in situ* monitoring of drug release, therapeutic effect and biomarker level.

Download English Version:

<https://daneshyari.com/en/article/5142815>

Download Persian Version:

<https://daneshyari.com/article/5142815>

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