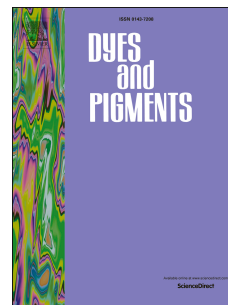


Accepted Manuscript

Development of organelle-targetable europium complex probes for time-gated luminescence imaging of hypochlorous acid in live cells and animals

Hua Ma, Bo Song, Yuanxiu Wang, Chaolong Liu, Xin Wang, Jingli Yuan



PII: S0143-7208(17)30045-1

DOI: [10.1016/j.dyepig.2017.01.062](https://doi.org/10.1016/j.dyepig.2017.01.062)

Reference: DYPI 5762

To appear in: *Dyes and Pigments*

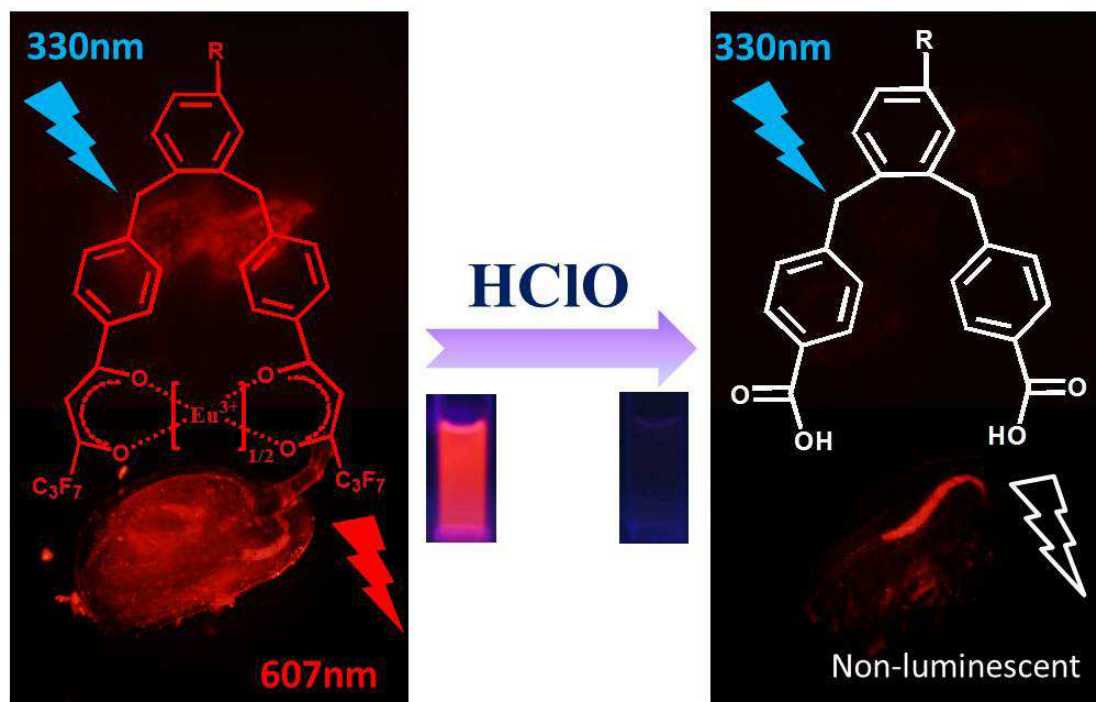
Received Date: 7 January 2017

Revised Date: 23 January 2017

Accepted Date: 24 January 2017

Please cite this article as: Ma H, Song B, Wang Y, Liu C, Wang X, Yuan J, Development of organelle-targetable europium complex probes for time-gated luminescence imaging of hypochlorous acid in live cells and animals, *Dyes and Pigments* (2017), doi: 10.1016/j.dyepig.2017.01.062.

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.



Two novel Eu^{3+} complex-based probes were developed for time-gated luminescence imaging of HClO in mitochondria and lysosomes of living cells and laboratory animals.

Download English Version:

<https://daneshyari.com/en/article/4766037>

Download Persian Version:

<https://daneshyari.com/article/4766037>

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