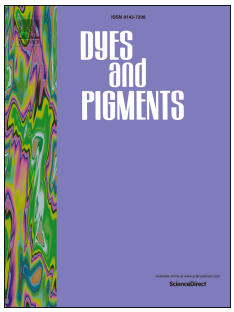
Accepted Manuscript



Characteristics of new bioreductive fluorescent probes based on the xanthene fluorophore: Detection of nitroreductase and imaging of hypoxic cells

Kunal N. More, Tae-Hwan Lim, So-Young Kim, Julie Kang, Kyung-Soo Inn, Dong-Jo Chang

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Graphical Abstract

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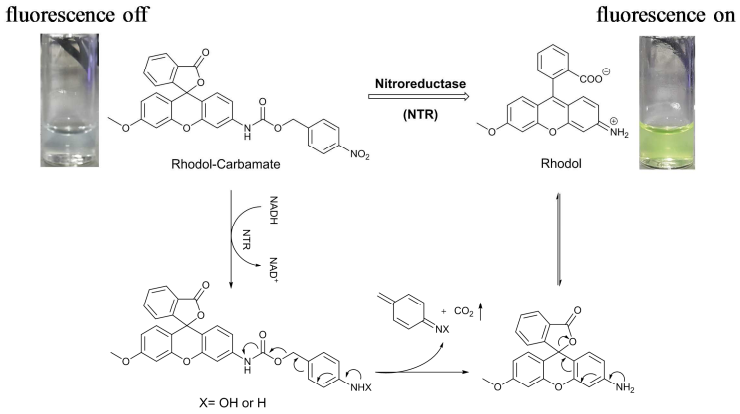
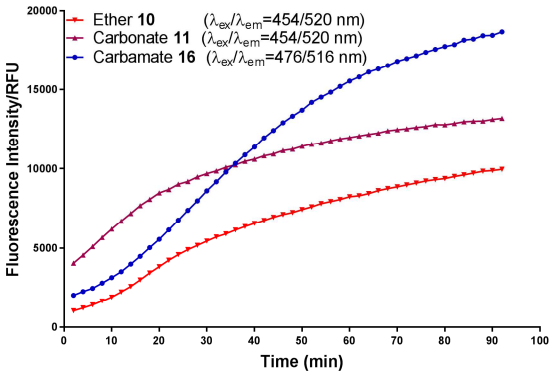
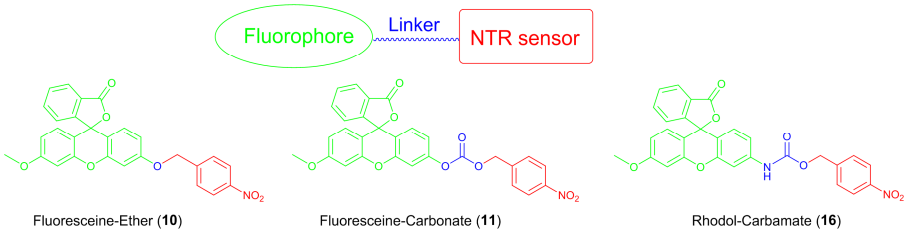
Kunal N. More, Tae-Hwan Lim, So-Young Kim, Julie Kang, Kyung-Soo Inn, and Dong-Jo Chang



Mechanism of NTR reaction with fluorescent probes



Kinetics of NTR reaction with fluorescent probes



Nitroreductase-responsive fluorescent probes