

# Organic & Biomolecular Chemistry

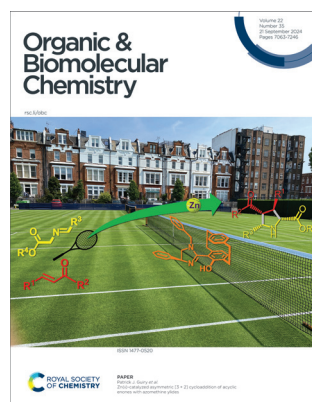
An international journal of synthetic, physical and biomolecular organic chemistry

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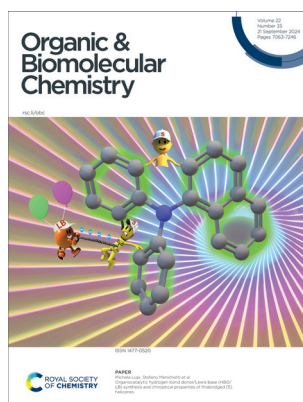
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### Cover

See Patrick J. Guiry *et al.*, pp. 7148–7153.

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### Inside cover

See Michela Lupi, Stefano Menichetti *et al.*, pp. 7154–7163.

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## EDITORIAL

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### Introduction to Computational Organic Chemistry

Jonathan M. Goodman, Jolene P. Reid and Judy I. Wu

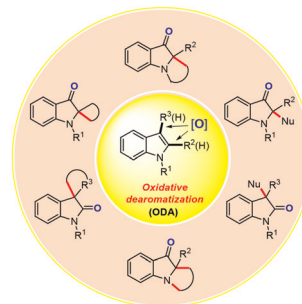


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### Recent advances in oxidative dearomatization involving C–H bonds for constructing value-added oxindoles

Le-Mao Yu,\* Haojin Chen, Wenjing Fang, Ruonan Cai, Yi Tao, Yong Li\* and Huaping Dong



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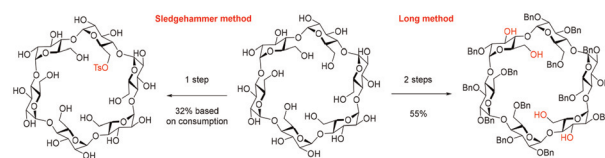
Fundamental questions  
Elemental answers

## REVIEWS

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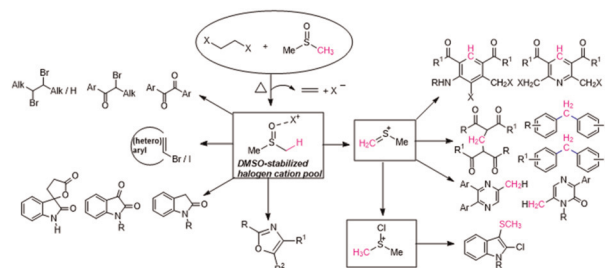
Bilge Deniz Özcan, Morten Lang Zimmermann, Mingzhe Ren and Mikael Bols\*



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Niranjan Panda,\* Kuntal Palit and Soumya Mohapatra

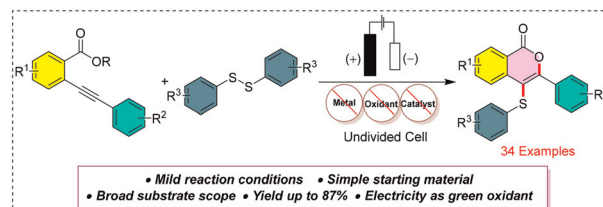


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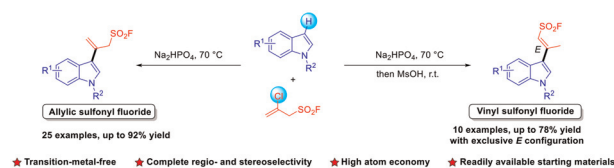
Anil Balajirao Dapkekar and Gedu Satyanarayana\*



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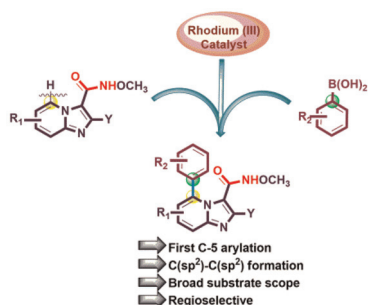
## A portal to highly valuable indole-functionalized vinyl sulfonyl fluorides and allylic sulfonyl fluorides

Wenzhuo Huang, Eman Fayad, Ola A. Abu Ali and Hua-Li Qin\*



## COMMUNICATIONS

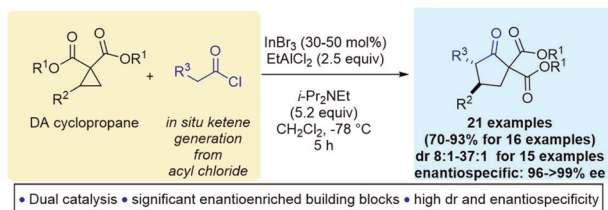
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## Directed regioselective arylation of imidazo[1,2-a]pyridine-3-carboxamides using Rh(III) catalysis

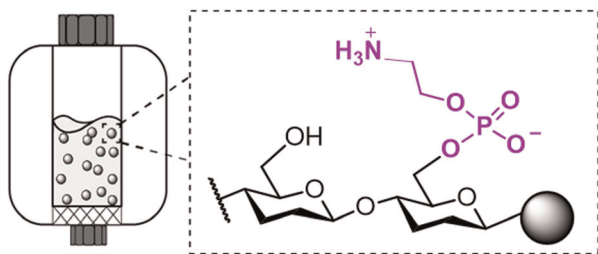
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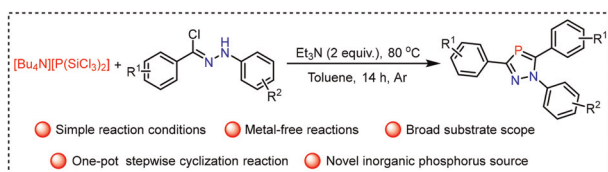
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Jhih-Yi Huang and Martina Delbianco\*

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Xin Wang, Hui Luo, Bo Yang, Ming Li, Yong-Jun Ma, Xi-Cun Wang\* and Zheng-Jun Quan\*

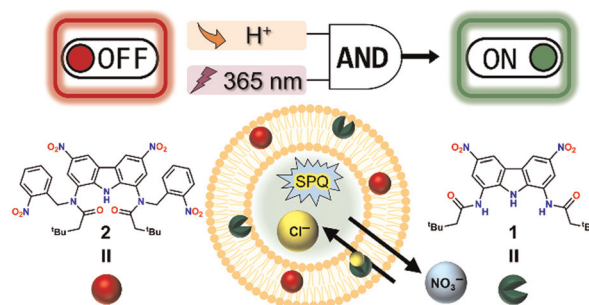


## COMMUNICATIONS

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## A photocaged, pH-sensitive anion transporter with AND logic dual-stimuli activation

Bartłomiej Zawada and Michał J. Chmielewski\*

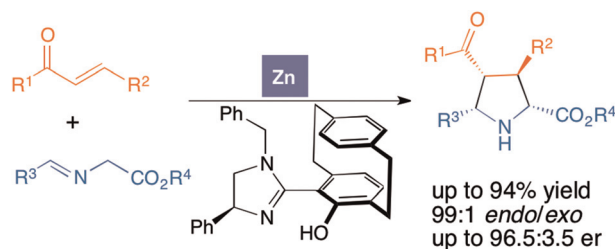


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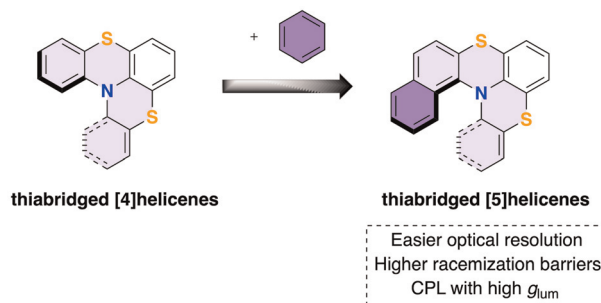
Sundaravel Vivek Kumar, Jeremiah Olusegun and Patrick J. Guiry\*



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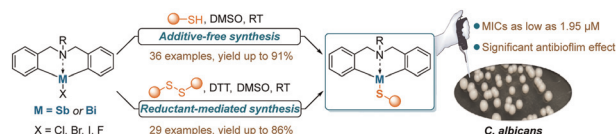
Michela Lupi,\* Mosè Fabbri, Giuseppe Mazzeo, Giovanna Longhi, Sergio Abbate, Caterina Viglianisi and Stefano Menichetti\*



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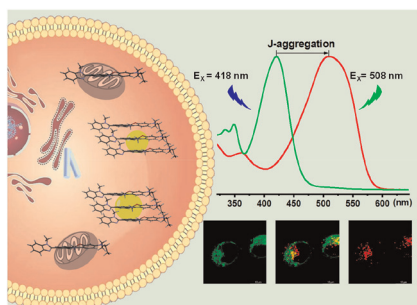
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Zixiu Wang, Yan Huang, Dandan Deng, Shan Li,\* Yimei Yu, Yifei Ye, Yi Chen\* and Jian Lei\*



## PAPERS

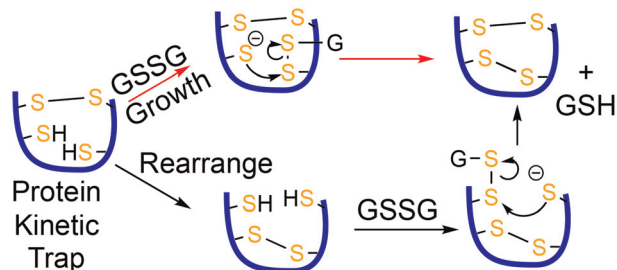
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Huimin Shangguan, Zixuan Teng, Xiaojie Ren\* and Xingjiang Liu\*

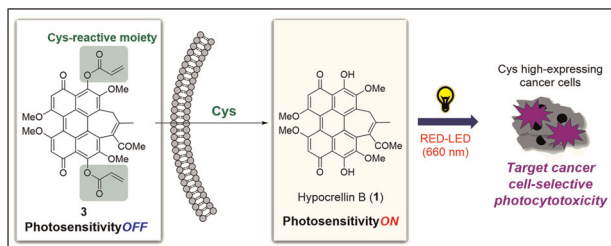
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Yingsong Wang, Shweta Mandumula and Watson J. Lees\*

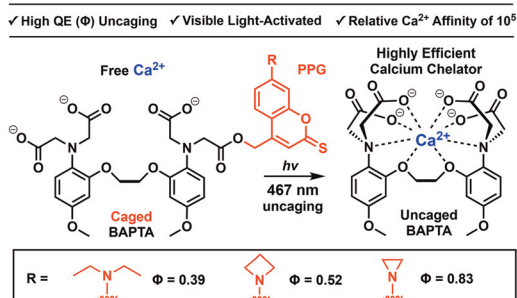
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### A novel photosensitizer based on hypocrellin B activated by cysteine over-expressed in cancer cells

Fumihisa Ishida, Rikuto Onishi, Daisuke Takahashi and Kazunobu Toshima\*

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### Highly efficient $\text{Ca}^{2+}$ chelation activated by visible light

Nishal M. Egodawaththa, Olivia Rajhel, Jingxuan Ma, Charitha Guruge, Alec B. Pabarue, Emily Harris, Roberto Peverati and Nasri Nesnas\*

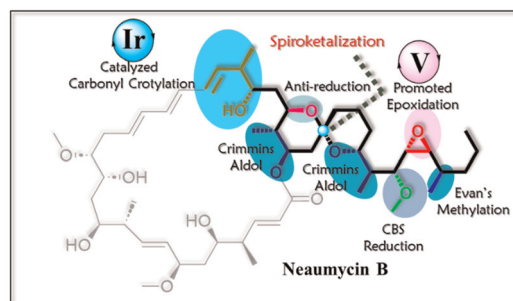


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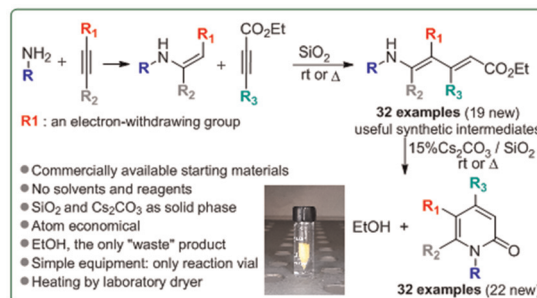
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### Solid-state synthesis of polyfunctionalized 2-pyridones and conjugated dienes

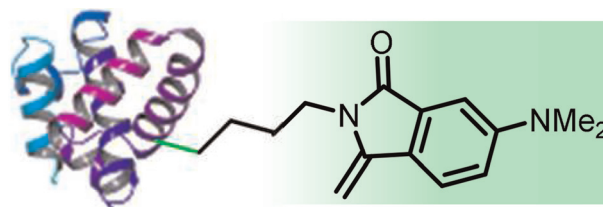
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