

# Organic & Biomolecular Chemistry

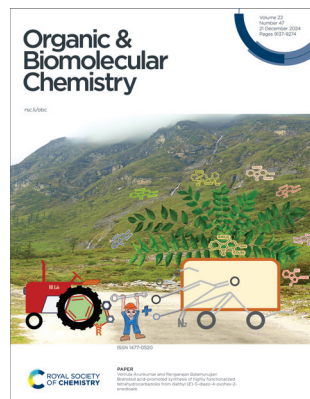
An international journal of synthetic, physical and biomolecular organic chemistry

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### Cover

See Vemula Arunkumar and Rengarajan Balamurugan, pp. 9214–9218.

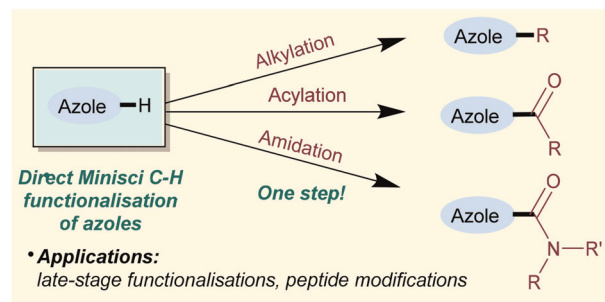
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## REVIEWS

9145

### Direct C–H functionalisation of azoles via Minisci reactions

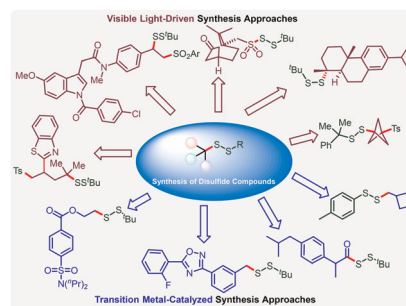
Ai-Lan Lee,\* David T. Mooney and Heather McKee



9165

### Recent advances in photocatalytic and transition metal-catalyzed synthesis of disulfide compounds

Jia-Lin Tu





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Elemental answers**

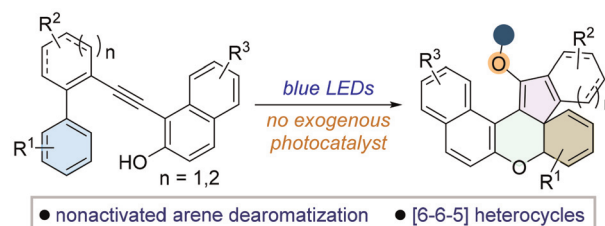


## COMMUNICATIONS

9179

**Construction of fused heterocycles by visible-light induced dearomatization of nonactivated arenes**

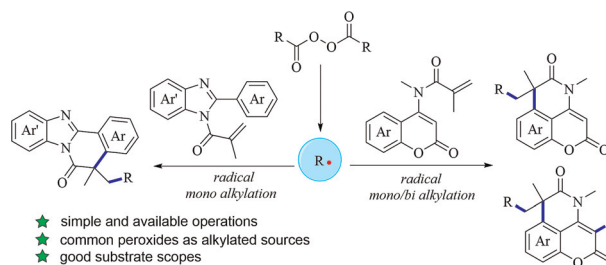
Tianyu Liu, Yong Luo and Yidong Liu\*



9184

**Radical alkylation of acrylamides with peroxides to access mono/dialkylated fused N-heterocycles**

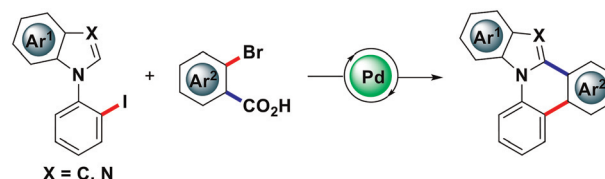
Jie Fan, Qinqin Yan,\* Xueli Wang, Lijun Li\* and Zejiang Li\*



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**Palladium-catalyzed C–H bond activation and decarboxylation for the assembly of indolo[1,2-*f*]phenanthridine**

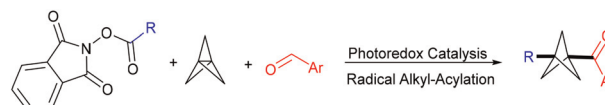
Xiaobing Liu, Yong-Liang Ban, Yanjie Liu, Mengdie Zhuang and Yao Zhou\*



9192

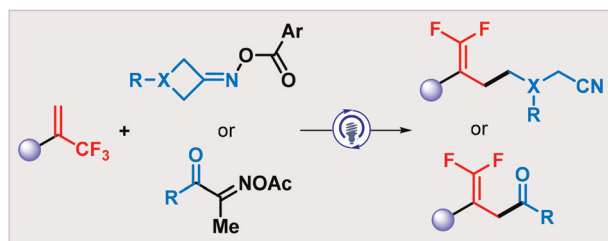
**Visible-light photoredox-catalyzed three-component radical alkyl-acylation of [1.1.1]propellane**

Lanqin Liu, Shengkun Guo, Chengjun Chen, Xiaoyu Shen, Xiaoyun Chen, Huaguang Yu, Ying Han, Qiu Sun, Shaoqun Zhu\* and Hong Hou\*



## COMMUNICATIONS

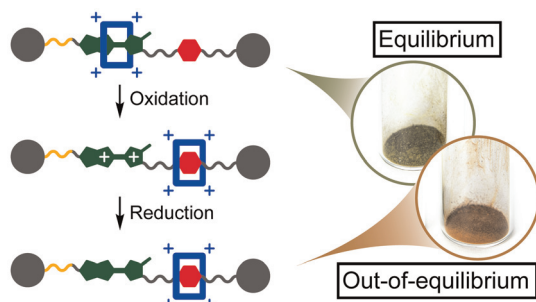
9197



Assembly of functionalized *gem*-difluoroalkenes via photocatalytic defluorocynoalkylation and defluoroacylation of  $\alpha$ -CF<sub>3</sub> styrenes with oxime esters

Chan Ai, Tao Wang, Yu Bao, Shenghu Yan, Yue Zhang\* and Jia-Yin Wang\*

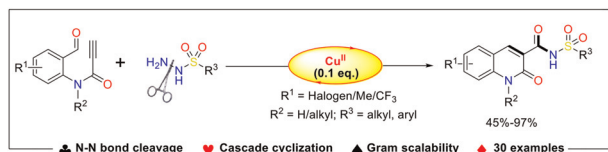
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Pushing a bistable [2]rotaxane out of equilibrium and isolation of the metastable-state co-conformation

Mathias S. Neumann, Sofie K. Jensen, Rikke Frederiksen, Sissel S. Andersen, Kasper M. Beck and Jan O. Jeppesen\*

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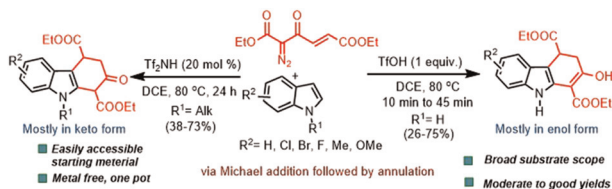


Cu(II)-catalyzed synthesis of *N*-sulfonated quinolin-2(1*H*)-one-3-carboxamides

Xue Chen, Shi-Jie Fang, Quan Zhou,\* Wei Huang, Qiu-Lan Liu and Lei Wang\*

## PAPERS

9214



Brønsted acid-promoted synthesis of highly functionalized tetrahydrocarbazoles from diethyl (*E*)-5-diazo-4-oxohex-2-enedioate

Vemula Arunkumar and Rengarajan Balamurugan\*

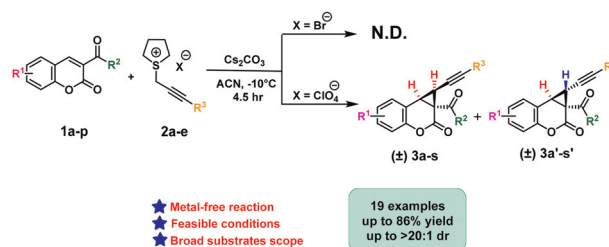


## PAPERS

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### Synthesis of alkynyl cyclopropa[c]coumarins via propargyl sulfonium salts as C1 synthons

Lavanya Chandrasekar, Yun-Zhen Hsieh, Hao-Tse Chou, Yu-Chen Huang and Wei-Min Liu\*



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### Highly selective synthesis of selenium-containing (*E*)-*N*-propenolquinazolinones via FeCl<sub>3</sub>-mediated cascade reaction of propargyl quinazoline-4-yl ethers with diselenides

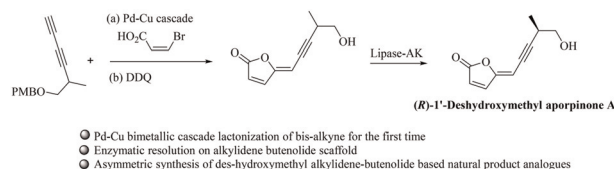
Xinqin Zhang, Qin Yang, Xiaofeng Zeng, Yang Fu, Giuping Ding and Yiyuan Peng\*



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### Synthetic studies towards naturally occurring aporpinones: asymmetric synthesis of 1'-deshydroxymethyl analogues of aporpinone A, aporpinone B and 4'-hydroxyaporpinone A

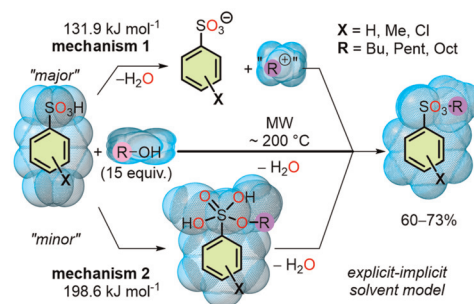
Kishor Kumar Mandal, Swagata Das and Samik Nanda\*



9249

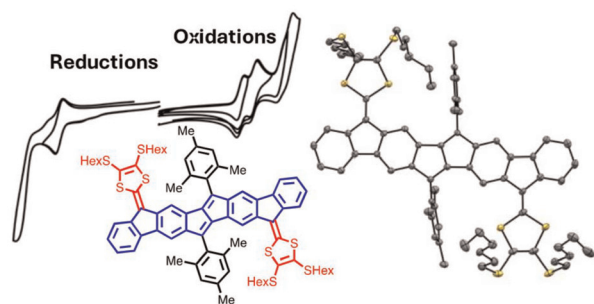
### A chlorine-free microwave-assisted, ionic liquid-catalyzed esterification of arylsulfonic acids with alcohols: an experimental and theoretical study

Bianka Huszár, Zoltán Mucsi and György Keglevich\*



## PAPERS

9259

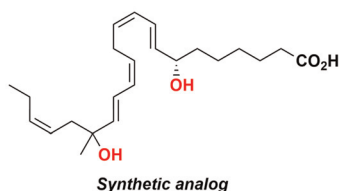


### Extended tetrathiafulvalene with a pentaleno [1,2-*b*:4,5-*b'*]difluorene core – a donor–acceptor multi-redox system

Jeppe Granhøj, Viktor Bliksted Roug Pedersen, Kurt V. Mikkelsen and Mogens Brøndsted Nielsen\*

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Stereoselective synthesis of  
17(*R/S*)-Me-RvD5<sub>n-3</sub> DPA



300 ng intravenous injection of:  
17(*R/S*)-Me-RvD5<sub>n-3</sub> DPA



Reduction of postoperative  
pain in male mice

### Synthesis of the methyl ester of 17(*R/S*)-Me-RvD5<sub>n-3</sub> DPA and relief of postoperative pain in male mice

Karina Ervik,\* Yi-ze Li, Ru-Rong Ji, Charles N. Serhan and Trond V. Hansen

## CORRECTION

9271

### Correction: Cu(II)-Mediated aerobic oxidative synthesis of sulfonated chromeno[4,3-*c*]pyrazol-4(2*H*)-ones

Quan Zhou, Hai-Yan Yu, Yaqing Zhou, Jing-Ru Wei and Lei Wang\*

