

Organic & Biomolecular Chemistry

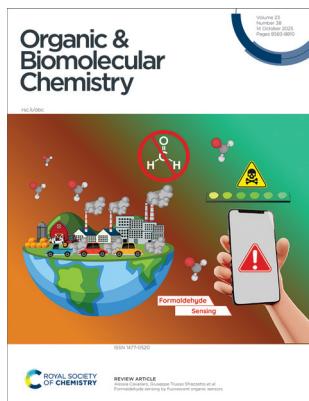
An international journal of synthetic, physical and biomolecular organic chemistry

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ISSN 1477-0520 CODEN OBCRAK 23(38) 8583–8810 (2025)



Cover

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Giuseppe Trusso Sfazzetto
et al., pp. 8592–8608.

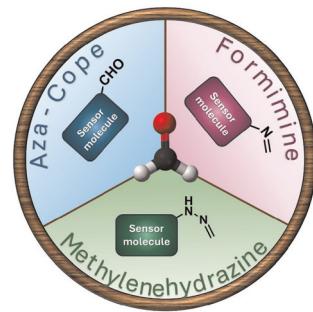
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2025, **23**, 8592.

REVIEWS

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Formaldehyde sensing by fluorescent organic sensors

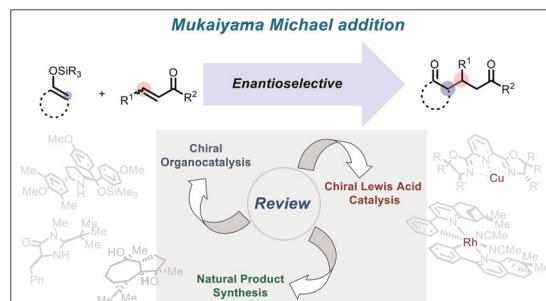
Rossella Santonocito, Andrea Pappalardo,
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Mukaiyama–Michael reaction: enantioselective strategies and applications in total synthesis

Quinlyn Waulters-Kline, Chinnakuzhanthai Gangadurai,
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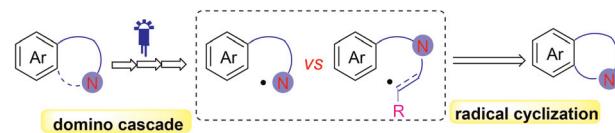
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REVIEWS

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Visible-light-driven domino reactions toward nitrogen-containing heterocycles

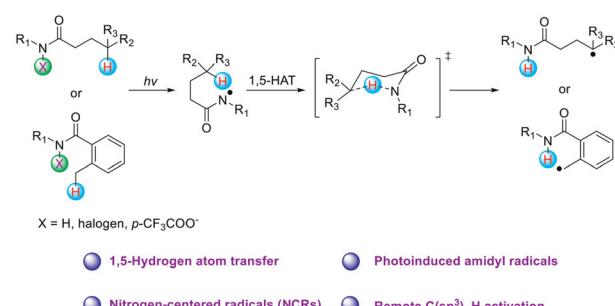
Yang Li, Dong Xia and Wen-Chao Yang*



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Recent advances in photoinduced amidyl radical-mediated remote C(sp³)–H activation via 1,5-hydrogen atom transfer

Min Liao, Yuanyuan Li, Meiling Ye* and Chunjuan Liu*



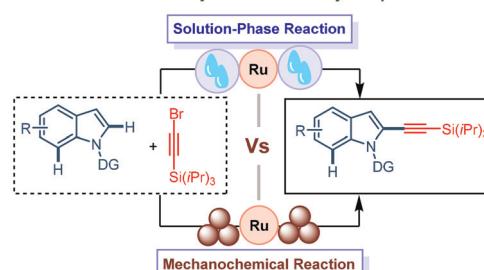
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Eco-efficient C–H alkynylation of indoles via mechanochemical ruthenium catalysis

Rajaram Maayuri, Vikash Kumar, Sourav Maiti and Parthasarathy Gandeepan*

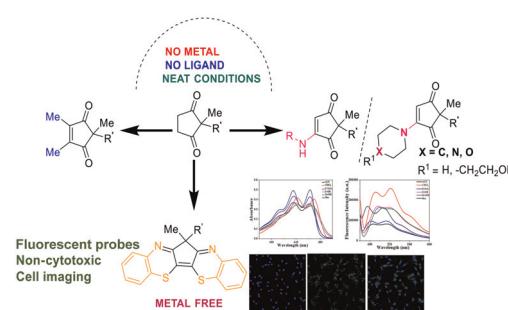
Reaction Efficiency and Eco-Efficiency Comparison



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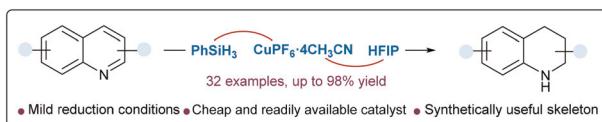
Oxidative functionalization of cyclopentane-1,3-diones: cell imaging studies of diphenothiazine derivatives

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Efficient synthesis of tetrahydroquinolines via selective reduction of quinolines with copper salts and silanes

Yulong Zhang,* Xinyu Luo and Yushuang Chen*

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Rhodium-catalyzed *ortho*-C–H alkylation of benzaldehydes with maleimides free of transient directing groups

Jing-Wen Jia, Wen-Ting Wei, Xiao-Zuan Chen and Xian-Ying Shi*

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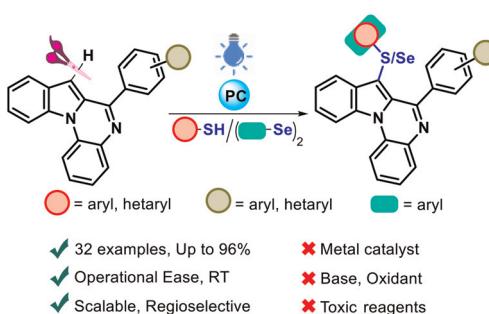
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Suryakant S. Chaudhari, Chandrakant B. Nichinde, Baliram R. Patil, Amardipsing S. Girase, Sandeep H. Kaulage and Anil K. Kinage*

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Visible-light-induced regioselective chalcogenation of indoloquinoxalines via cross-dehydrogenative coupling under metal-free, open-air conditions

Biman Bera, Rahul Dutta, Shubhankar Ghorai, Jhuma Ganguly and Mrinal K. Bera*

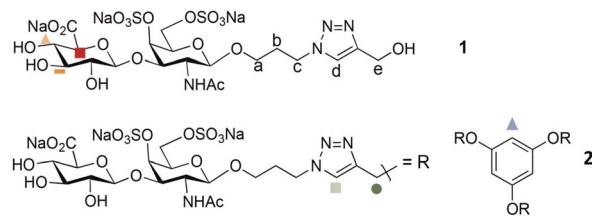


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Interaction studies by NMR on the multivalent interaction between chondroitin sulfate E derivatives and the langerin receptor

M. José García-Jiménez, Sergi Gil, Pedro Domínguez-Rodríguez, Laura Roldán, Michel Thepaut, Francisco Arrabal-Campos, Ignacio Fernandez, Franck Fieschi, Javier Rojo, José. L. de Paz and Pedro M. Nieto*

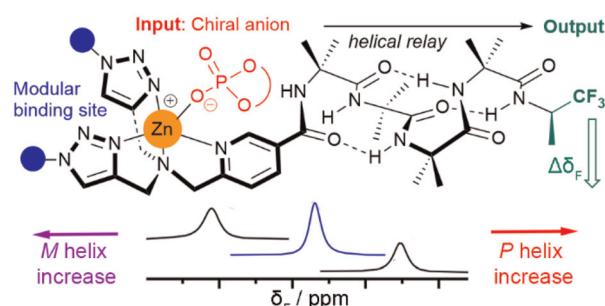


Saturation Transfer Difference-NMR epitope mapping.
Labelled positions received most of the magnetization

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Modular synthesis of zinc(II)-bis(triazole) recognition sites for the conformational control of foldamers

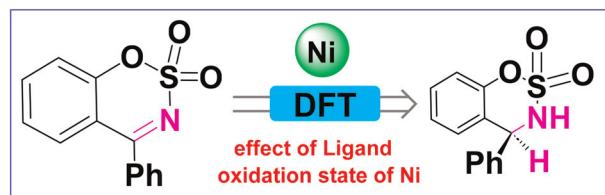
Flavio della Sala, Benedicte Doerner and Simon J. Webb*



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Effect of a ligand on the asymmetric hydrogenation of cyclic *N*-sulfonyl amines catalyzed by nickel

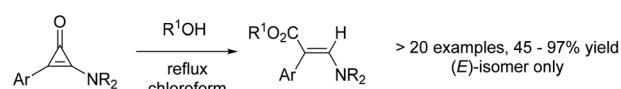
Heming Dong, Fuli Yan, Zhifeng Ma* and Baomin Fan*



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The synthesis of β-enamino esters from the thermal, catalyst-free ring opening of aminocyclopropanones

Bimod Thapa, Farideh Javid, Cameron Lawson, Mark Soesanto and Karl Hemming*



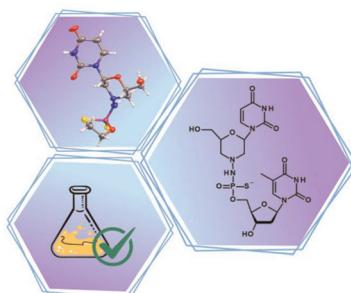
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**Tetrahydroxydiboron-mediated radical cyclization of unactivated alkenes toward ring-fused quinazolinones**

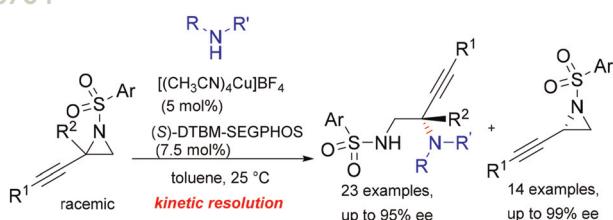
Haijuan Qin, Xi Chen, Jing Liu, Mengfei Yang, Xia Zhao, Jie Kang* and Kui Lu*

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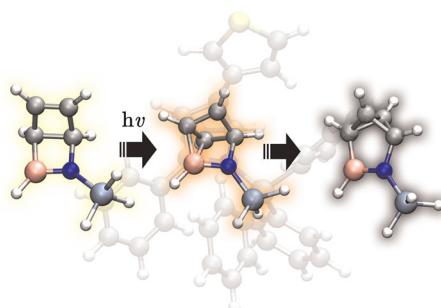
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Wen-Tao Ji, Ting-Ting Cheng, Yao Li and Zhuo Chai*

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Cristian J. Guerra,* Yeray A. Rodríguez-Núñez, Efraín Polo-Cuadrado, Leandro Ayarde-Henríquez, Diana B. Ramírez and Adolfo E. Ensúncho

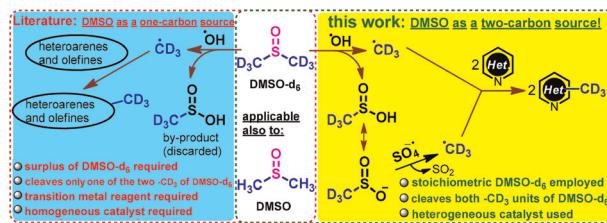


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DMSO (dimethyl sulfoxide) as a two-methyl source: C–H (trideutero)methylation of (iso)quinolines and their N-oxides

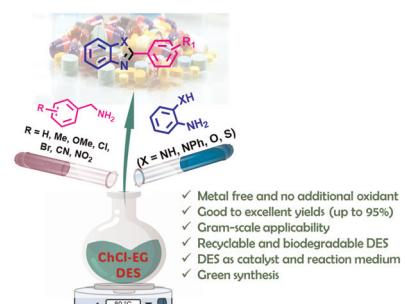
Palani Natarajan,* Pooja, Partigya, Priya and Meena



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A facile route to access N-heterocycles using a choline chloride–ethylene glycol-based DES in a dual role

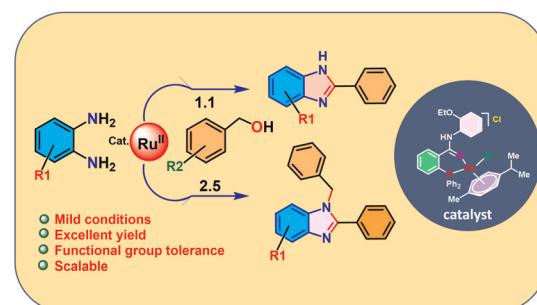
Susmita Mandal, Archana Jain* and Tarun K. Panda*



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Ankit Pandey and Maravanji S. Balakrishna*



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Photocatalytic 1,2-aminoformylation of olefins with bifunctional oxime esters

Zhidong Wan, Xujia Wang, Yihan Zhang, Feng Chen, Hong Qin, Zhao Yang* and Zheng Fang*

