

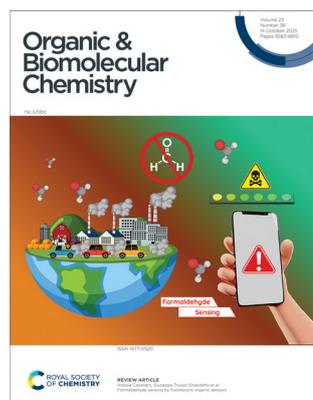
Organic & Biomolecular Chemistry

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See Alessia Cavallaro, Giuseppe Trusso Sfrazzetto *et al.*, pp. 8592–8608.

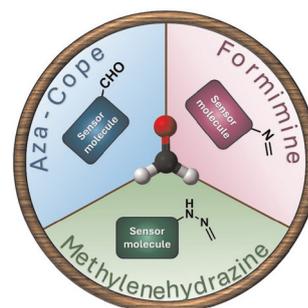
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REVIEWS

8592

Formaldehyde sensing by fluorescent organic sensors

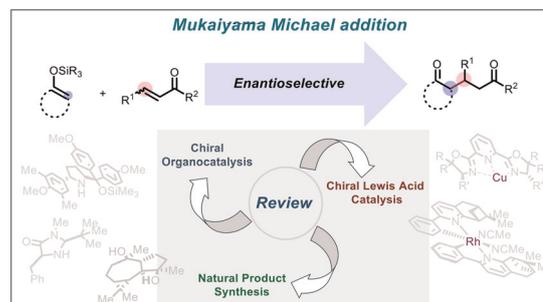
Rossella Santonocito, Andrea Pappalardo, Nunzio Tuccitto, Alessia Cavallaro* and Giuseppe Trusso Sfrazzetto*



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Mukaiyama–Michael reaction: enantioselective strategies and applications in total synthesis

Quinlyn Waulters-Kline, Chinnakuzhanthai Gangadurai, Sagar S. Thorat, Anna C. Renner and Mukund P. Sibi*



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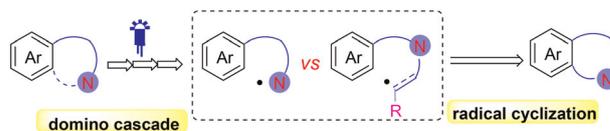
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REVIEWS

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

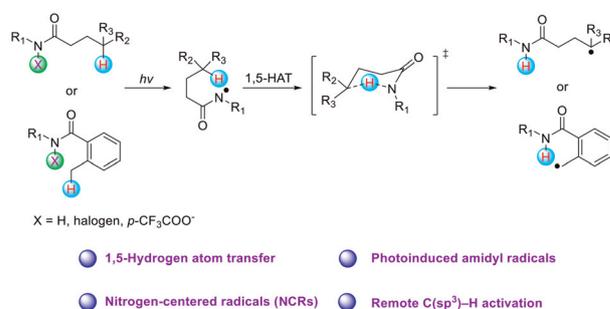
Yang Li, Dong Xia and Wen-Chao Yang*



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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*

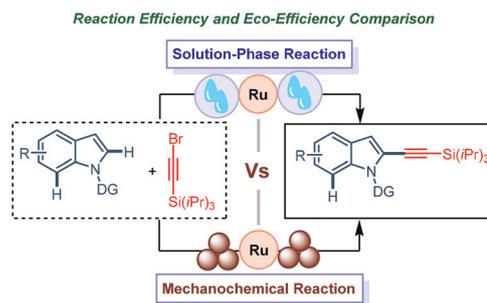


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Eco-efficient C–H alkylation of indoles via mechanochemical ruthenium catalysis

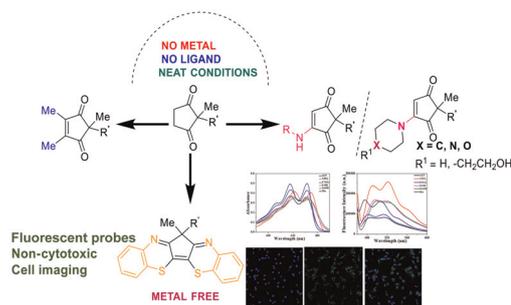
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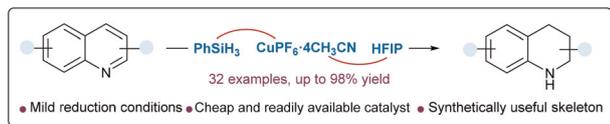
Oxidative functionalization of cyclopentane-1,3-diones: cell imaging studies of diphenothiazine derivatives

Sapana Dubey, Pragya Trivedi, Madan Sau, Sukanya Mandal, Shreya Roy, Subhrakanta Rout, Subhojit Das, Gokarneswar Sahoo,* Damien Bonne* and Tapas Das*



COMMUNICATIONS

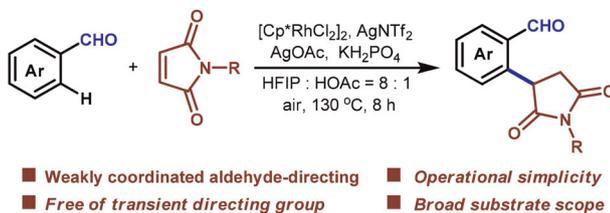
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Efficient synthesis of tetrahydroquinolines via selective reduction of quinolines with copper salts and silanes

Yulong Zhang,* Xinyu Luo and Yushuang Chen*

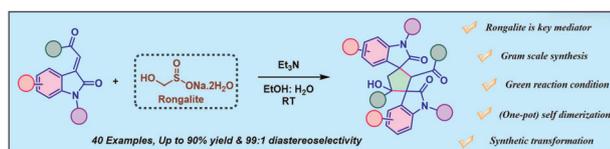
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Rhodium-catalyzed *ortho*-C–H alkylation of benzaldehydes with maleimides free of transient directing groups

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

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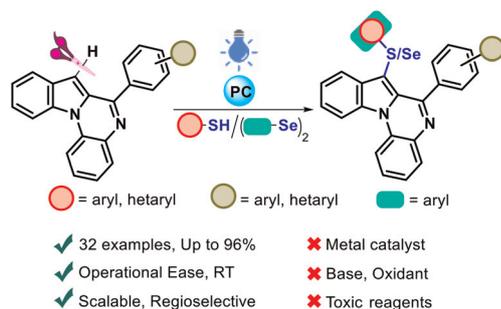
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Rongalite-promoted self-dimerization of 3-acylidene-2-oxindoles: a diastereoselective route to synthesis of bispirooxindoles

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 indoloquinolines via cross-dehydrogenative coupling under metal-free, open-air conditions

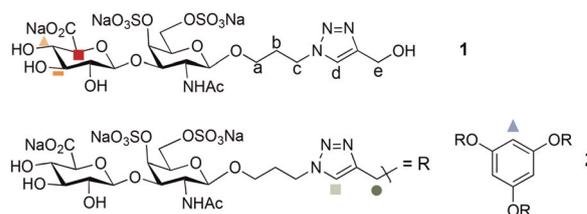
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Interaction studies by NMR on the multivalent interaction between chondroitin sulfate E derivatives and the langerin receptor

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*

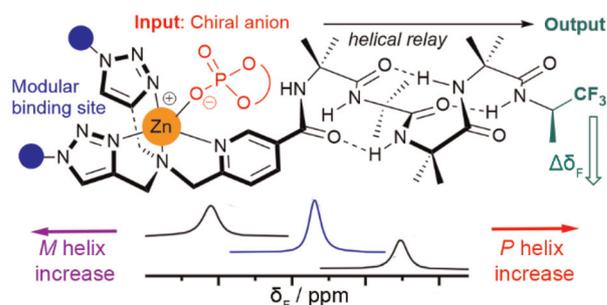


Saturation Transfer Difference-NMR epitope mapping.
Labelled positions received most of the magnetization

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

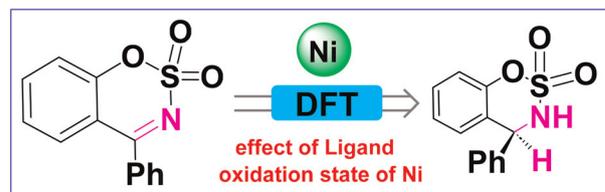
Flavio della Sala, Benedicte Doerner and Simon J. Webb*



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

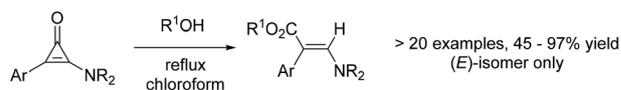
Heming Dong, Fuli Yan, Zhifeng Ma* and Baomin Fan*



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

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



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

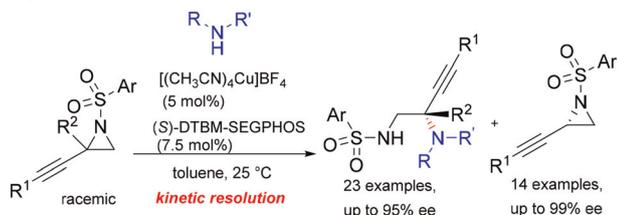
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Morpholino-based phosphorothioate analogs via oxathiaphospholane chemistry: synthesis, structural insights and stability

Katarzyna Jastrzębska,* Agata Szymańska, Tomasz Pawlak and Rafał Dolot

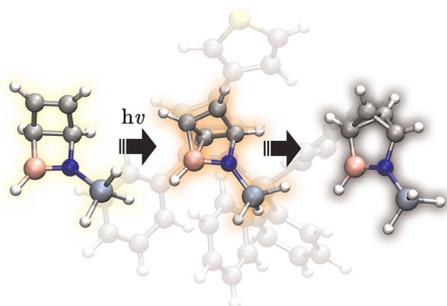
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Catalytic asymmetric kinetic resolution of 2-ethynylaziridines via nucleophilic ring opening with amines

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

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From BN-Dewar benzene to BN-benzvalene: a computational exploration of photoisomerization mechanisms

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

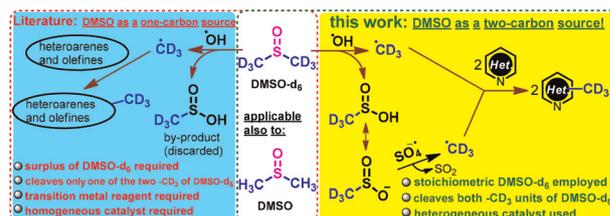


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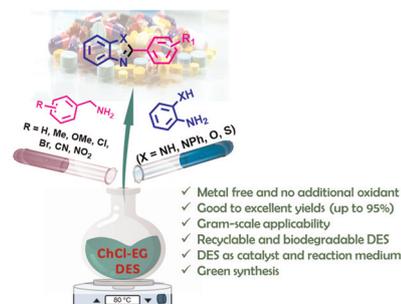
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A facile route to access N-heterocycles using a choline chloride–ethylene glycol-based DES in a dual role

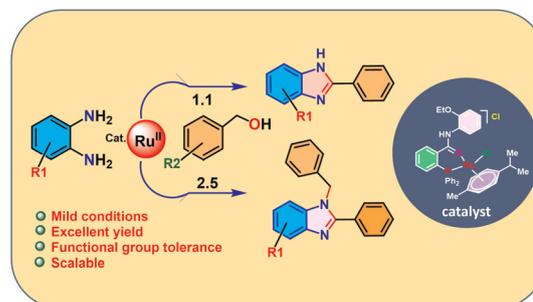
Susmita Mandal, Archana Jain* and Tarun K. Panda*



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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*

