

Organic & Biomolecular Chemistry

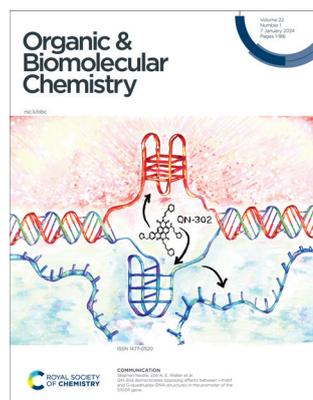
An international journal of synthetic, physical and biomolecular organic chemistry

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See Stephen Neidle,
Zoë A. E. Waller *et al.*,
pp. 55–58.

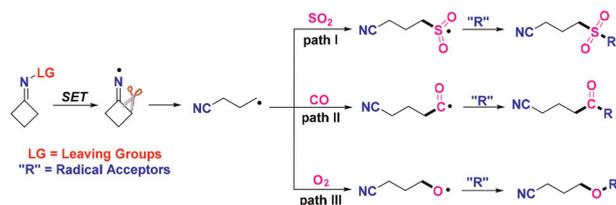
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Org. Biomol. Chem., 2024,
22, 55.

REVIEWS

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Recent advances in ring-opening of cyclobutanone oximes for capturing SO₂, CO or O₂ via a radical process

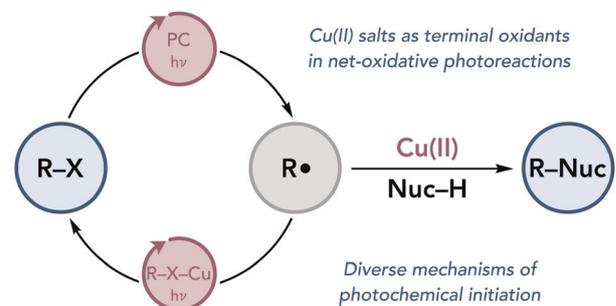
Long-Jin Zhong, Jian-Hong Fan, Pu Chen,
Peng-Fei Huang,* Bi-Quan Xiong, Ke-Wen Tang and
Yu Liu*



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Cu(II) salts as terminal oxidants in visible-light photochemical oxidation reactions

Grace A. Lutovsky and Tehshik P. Yoon*



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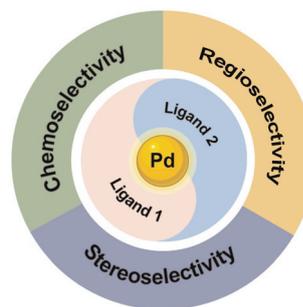
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REVIEWS

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Recent advances in ligand-enabled palladium-catalyzed divergent synthesis

Yue Wang, Jinzan Feng, Er-Qing Li,* Zhenhua Jia* and Teck-Peng Loh*

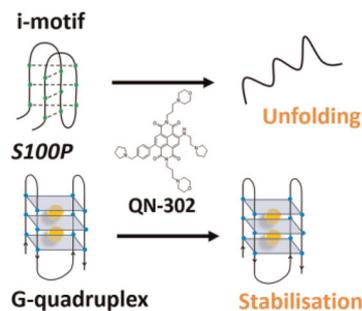


COMMUNICATIONS

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QN-302 demonstrates opposing effects between i-motif and G-quadruplex DNA structures in the promoter of the S100P gene

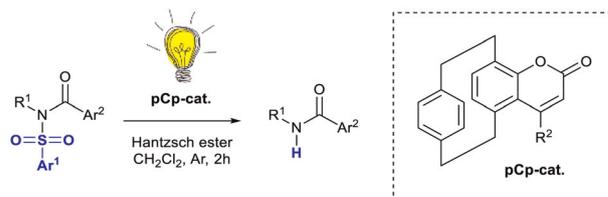
Effrosyni Alexandrou, Dilek Guneri, Stephen Neidle* and Zoë A. E. Waller*



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[2.2]Paracyclophane-based coumarins: effective organo-photocatalysts for light-induced desulfonylation processes

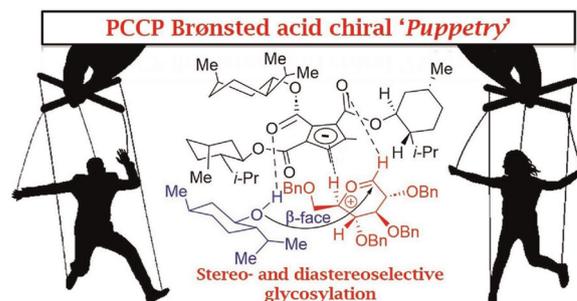
Jules Brom, Antoine Maruani, Serge Turcaud, Sonia Lajnef, Fabienne Peyrot, Laurent Micouin and Erica Benedetti*



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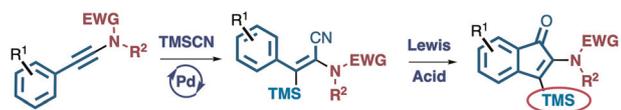
 α/β -Stereo- and diastereoselective glycosylation with *n*-pentenyl glycoside donors, promoted by *N*-iodosuccinimide and catalyzed by chiral Brønsted acid

Maniyamma Aswathy, Mohammed Sadik N. K., Purushothaman C. Hari Krishnan, Sasikumar Parameswaran, Kokkuvayil Vasu Radhakrishnan* and Ravi S. Lankalapalli*



COMMUNICATIONS

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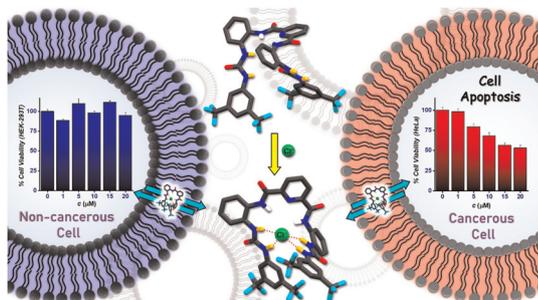
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Synthesis of 2-amidoindenone derivatives through an ynamide carbosilylation/Houben–Hoesch cyclization 2-step sequence

Pierre Hansjacob, Célia Schwoerer, Frédéric R. Leroux and Morgan Donnard*

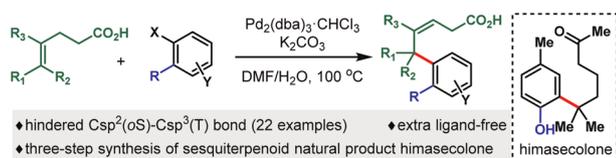
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Molecular clips with spatially proximal urea residues for efficient transmembrane co-transport of H⁺/Cl⁻ ions

Nyaya Prakash Pradhan, Kavthekar Rupesh Namdev and Aasheesh Srivastava*

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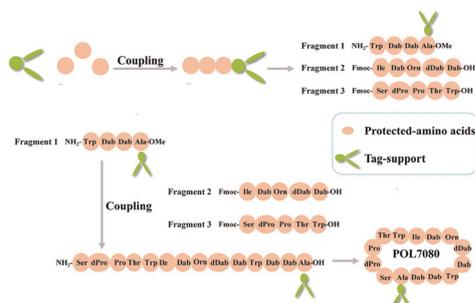


Sterically demanding Csp²(ortho-substitution)–Csp³(tertiary) bond formation via carboxylate-directed Mizoroki–Heck reaction under extra-ligand-free conditions

Wei Zeng, Ai-Wen Chen, Ming-Jie Yan and Jie Wang*

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A novel synthetic method for backbone-cyclized polypeptide POL7080 with the help of hydrophobic-support materials

Xiaotong Gu, Weijin Chen, Ting Guo, Xiaohong Chang, Shenyan Zhang, Bingfang Bai and Shutao Ma*

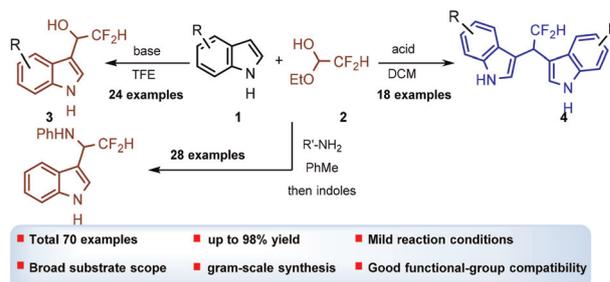


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Divergent synthesis of difluoromethylated indole-3-carbinols, bisindolylmethanes and indole-3-methanamines

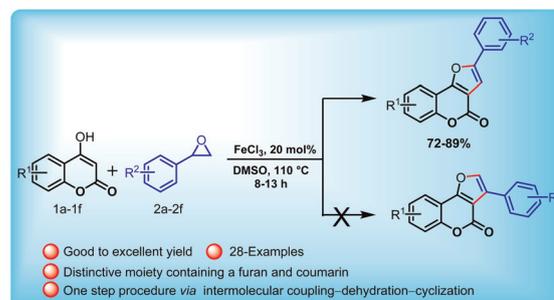
Yifei Qu, Xiaojia Cai, Yuzhuang Guan, Jiamin Tan, Zhangping Cai, Minyun Liu, Yasi Huang, Jinhui Hu,* Wen-Hua Chen* and Jia-Qiang Wu*



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FeCl₃-catalyzed regioselective ring-opening of aryl oxirane with 4-hydroxycoumarin for the synthesis of furo[3,2-c]coumarins

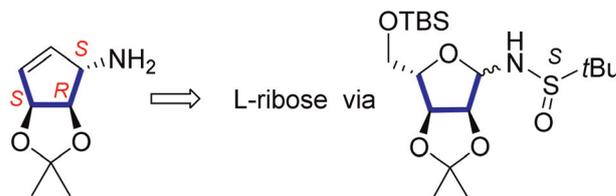
Simra Faraz, Ahmad Ali and Abu Taleb Khan*



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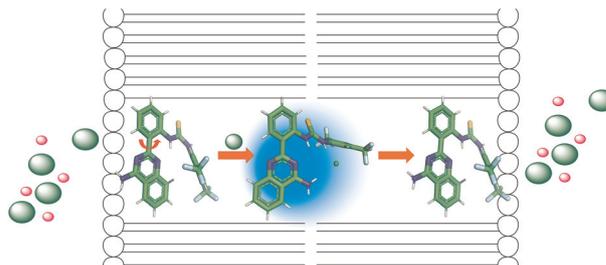
Floriane Heis, Estelle Gallienne and Olivier R. Martin*



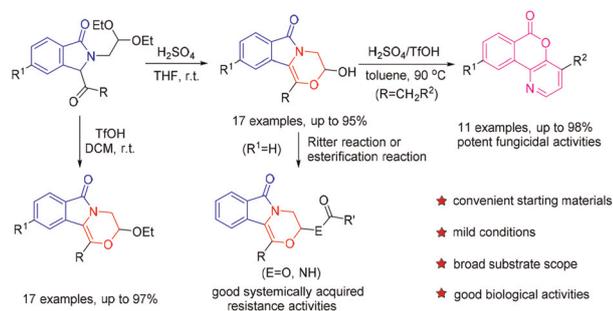
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A chloride-responsive molecular switch: driving ion transport and empowering antibacterial properties

Sribash Das, Rama Karn, Mohit Kumar, Soumya Srimayee and Debasis Manna*



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Synthesis of fungicidal morpholines and isochromenopyridinones *via* acid-catalyzed intramolecular reactions of isoindolinones

Xiaoyu Liu, Yaru Sun, Shuang Hong, Xia Ji, Wei Gao, Haolin Yuan, Yue Zhang, Bin Lei, Liangfu Tang* and Zhijin Fan*

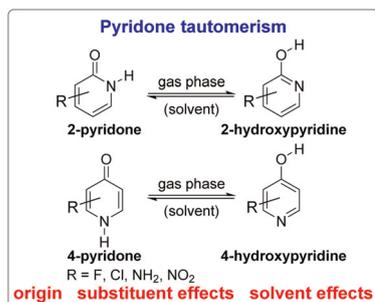
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Glycosylation of *n*-pentenyl glycosides using bromodiethylsulfonium salt as an activator: interception of the glycosyl intermediate by chloride ion transfer

Supanat Buntasana and Panuwat Padungros*

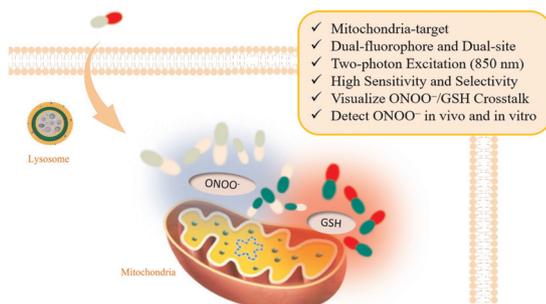
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Marija Baranac-Stojanović,* Jovana Aleksić and Milovan Stojanović

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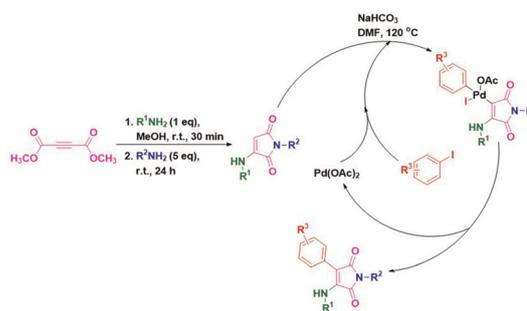
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Elmira Taheri and Farnaz Jafarpour*



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Changxu Liang, Chao Hu, Pengpeng Nie, Yuanfang Liu, Jun Liu* and Yuguo Du

