

Organic & Biomolecular Chemistry

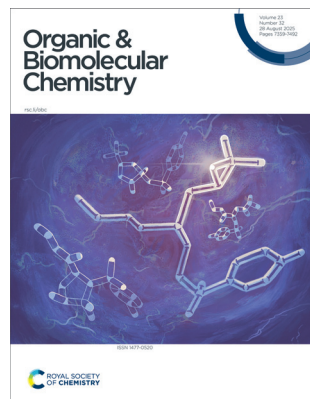
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ISSN 1477-0520 CODEN OBCRAK 23(32) 7359–7492 (2025)



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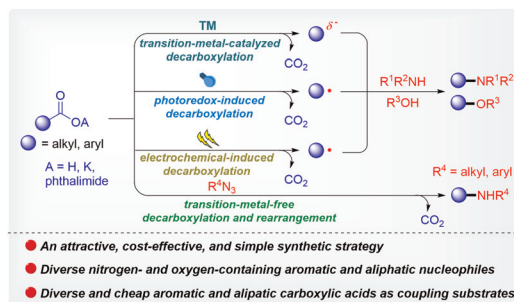
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From carboxylic acids or their derivatives to amines and ethers: modern decarboxylative approaches for sustainable C–N and C–O bond formation

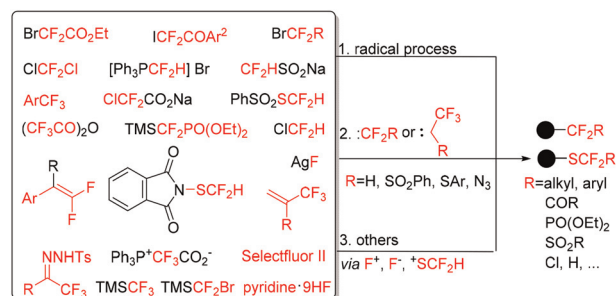
Weidan Yan, Tian Tian and Yasushi Nishihara*



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Recent advances in the three-component synthesis of difluorinated compounds

Zhan-Yong Wang,* Ziyang Zhang, Weiye Chen, Yang Liu, Aili Sun* and Ran Xia*



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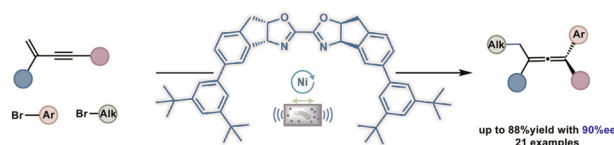
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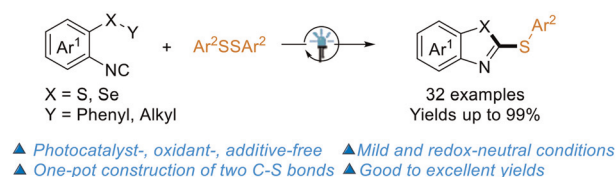
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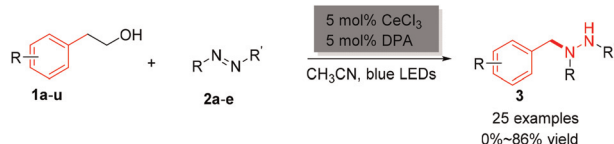
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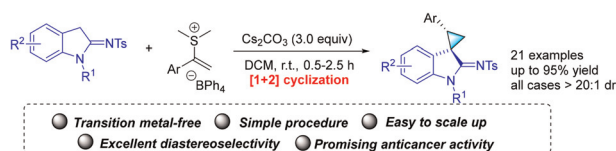
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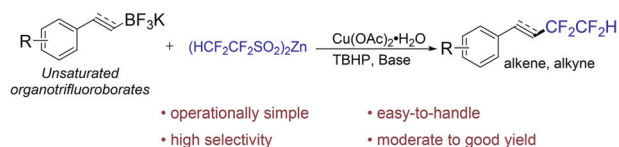
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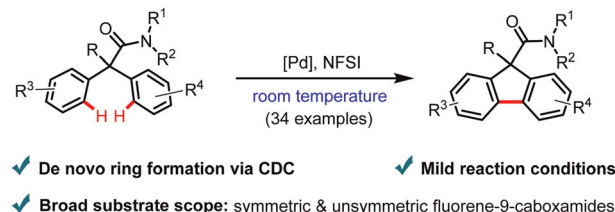
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Copper-mediated tetrafluoroethylation of unsaturated organotrifluoroborates via generation of the HCF₂CF₂-radical from zinc 1,1,2,2-tetrafluoroethanesulfinate

Md Nirshad Alam, Satyajit Majumder, Teruo Umemoto and William R. Dolbier, Jr.*

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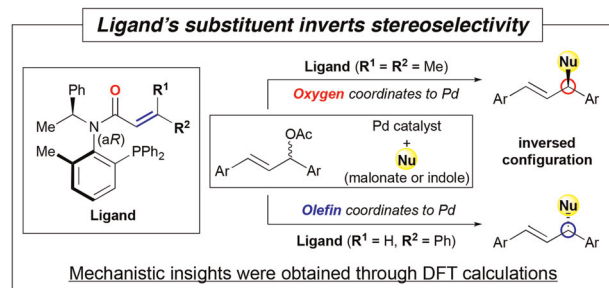


Rapid access to fluorene-9-carboxamides through palladium-catalysed cross-dehydrogenative coupling

Xin Yang, Kun Zhou, Yue Wang, Yang-Jie Mao, Kai Liu, Zhen-Yuan Xu, Dan-Qian Xu* and Shao-Jie Lou*

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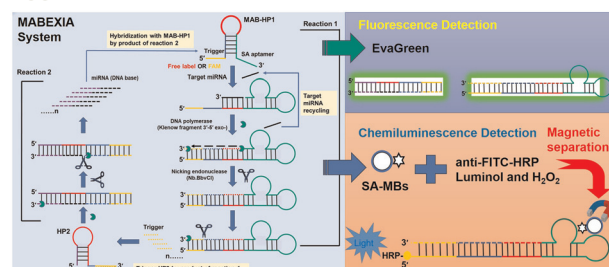
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Stereoinversion in Pd-catalyzed allylic substitution induced by modification of olefinic moiety in chiral phosphine-acrylamide ligands

Kohei Watanabe,* Yuto Toba, Shimpei Mita, Yusuke Kanda, Toru Yagi, Kento Kanauchi, Manami Kumada, Yasushi Yoshida, Yoshio Kasashima, Ryo Takita, Masami Sakamoto and Takashi Mino*

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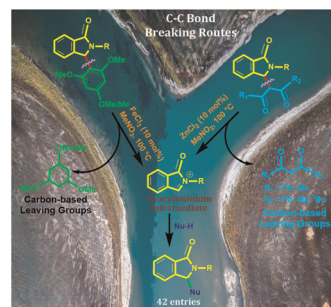


Molecular aptamer beacon-based dual-mode exponential isothermal amplification for microRNA detection

Yu Han, Xuefeng Bian, Xiao Wang, Jiaying Chen, Liu Han* and Xin Sun*

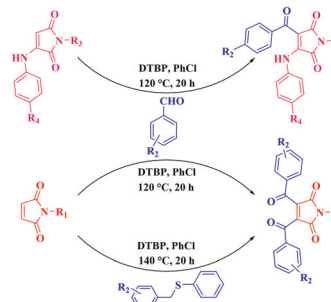


Nazir Uddin, Sudipta Roy, Santanab Giri, Gitish K. Dutta*
and Paresh Nath Chatterjee*



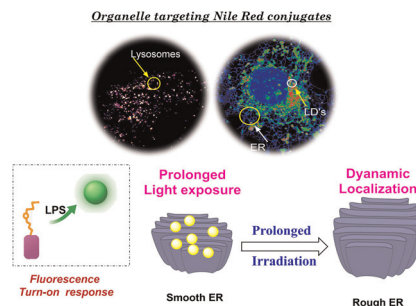
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Elmira Taheri and Farnaz Jafarpour*



Nile red derivatives for dual-channel organelle imaging and LPS detection

Mohini Ghorpade, Sneha Negi,
Paramasivam Mahalingam and Sriram Kanvah*

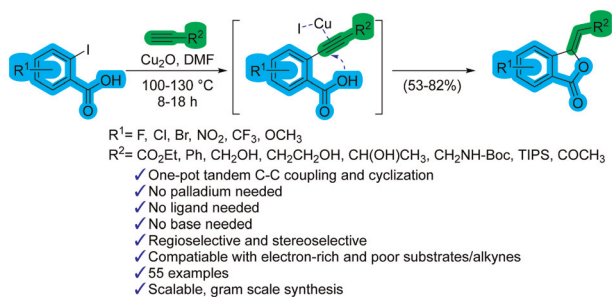


Electrochemical diazenylation of active methylene compounds with aryldiazonium salts: efficient synthesis of β -dicarbonyl benzoylhydrazones

Ping Lin, Zezhao Huang, Zeyao Liang, Jiahe Zhang,
Li Zhu* and Xiaoquan Yao*



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Cu₂O-mediated regio- and stereoselective one-pot synthesis of (Z)-3-ylidenephthalides from 2-iodobenzoic acids and terminal alkynes

Ahmed R. Ali and Longqin Hu*

