

Organic & Biomolecular Chemistry

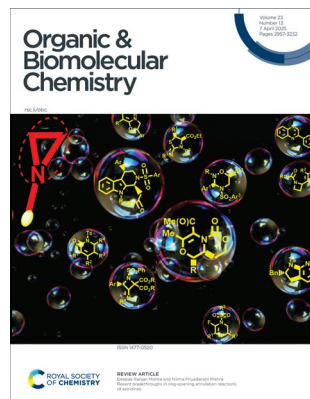
An international journal of synthetic, physical and biomolecular organic chemistry

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Cover

See Deepak Ranjan Mishra and Nilima Priyadarsini Mishra, pp. 2967–2996.

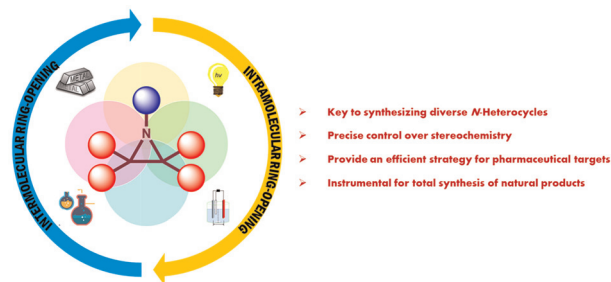
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REVIEWS

2967

Recent breakthroughs in ring-opening annulation reactions of aziridines

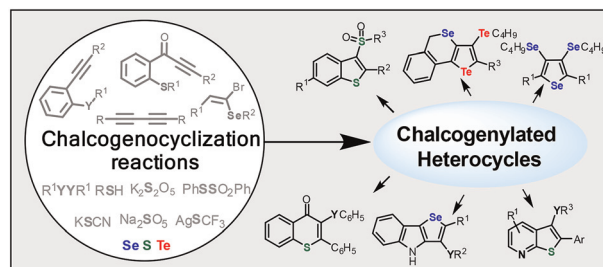
Deepak Ranjan Mishra and Nilima Priyadarsini Mishra*



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Recent advances in the synthesis of chalcogenylated heterocycles obtained by chalcogenocyclization

Ricardo H. Bartz, Paola S. Hellwig, Kethelyn M. Rosa, Márcio S. Silva, Eder J. Lenardão,* Raquel G. Jacob and Gelson Perin*



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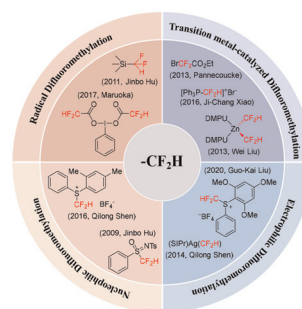
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REVIEWS

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New synthetic approaches for the construction of difluoromethylated architectures

Zhou Sun, Xue-Song Zhang,* Shao-Wei Bian,* Chun Zhang, Ya-Ping Han* and Yong-Min Liang

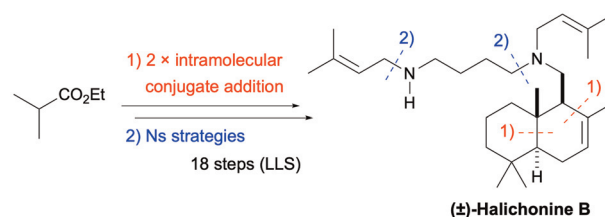


COMMUNICATIONS

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Total synthesis of (±)-halichonine B

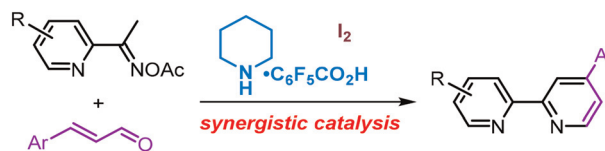
Fumihiko Yoshimura,* Masaya Uchida, Kaori Aratame, Hitoshi Ouchi, Makoto Inai, Mitsuru Kondo, Ryo Takita and Toshiyuki Kan



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An I₂/amine synergistic catalysis enables 2,2'-bipyridine synthesis from oxime esters and enals

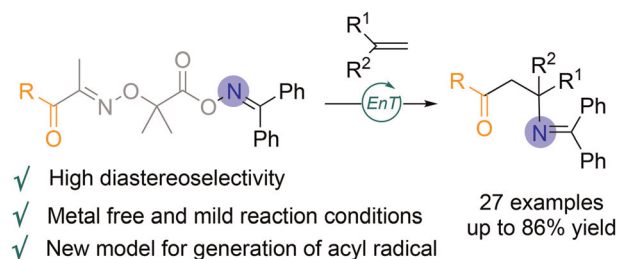
Xiao-Kun Jin, Jia-Hao Zhou, Han-Ying Zeng, Mei-Jun Zheng, Zi-Hao Li, Ye Wei* and Kun Jiang*



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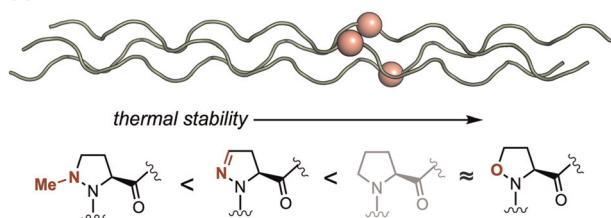
Energy transfer-mediated carbonylimination of alkenes using a bifunctional reagent

Zetian Sun, Weishu Yu, Xiaoqing Li, Xiangsheng Xu* and Xiaohua Du*



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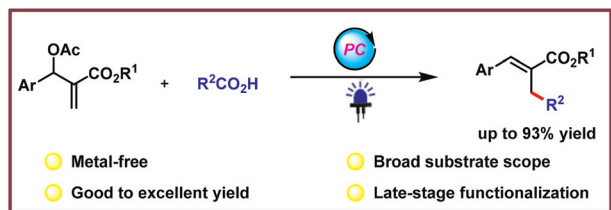
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Synthesis and stability of collagen mimetic peptides featuring δ -heteroatom-substituted prolines

Taylor A. Gerrein, Madison M. Wright,
Natalia Cano-Sampaio and Juan R. Del Valle*

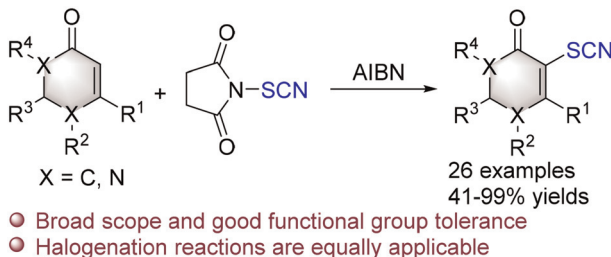
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Visible light-mediated decarboxylative allylic alkylation of Morita–Baylis–Hillman acetates with unactivated aliphatic acids

Hui Zhang, Dan Yang,* Yu-Tong Mei, Zi-Yi Guo,
Qiu-Yao Hou, Yu-Xuan Zheng, Lin-Hai Jing,*
De-Jun Cheng and Ming-Song Shi*

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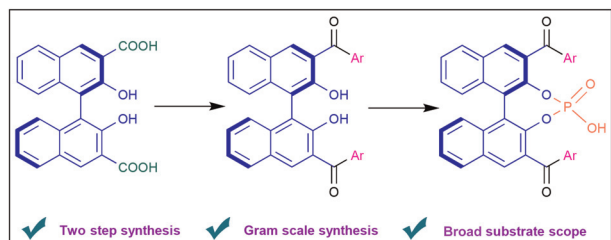


Selective C(sp²)–H bond radical thiocyanation of cyclic α,β -unsaturated ketones

Mengyi Li, Yu Zhang, Yu Zhao, Jingfu Zhu, Yu Cheng,
Wei Li* and Di Wu*

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Chiral 3,3'-diaryl BINOL phosphoric acids: syntheses and evaluation in asymmetric transfer hydrogenation, photophysical, and electrochemical studies

Muthupandi Karthick, Nagamalla Someshwar,
Chinnasamy Ramaraj Mariappan,
Alagunambi Ramasubbu and
Chinnasamy Ramaraj Ramanathan*



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Photoredox nickel-catalyzed radical cyclization of *N*-arylacrylamides with alkyl bromides

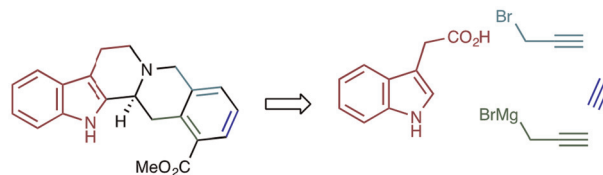
Yan-Ling Liu, Liu-Shuo Shi, Xian-Chen He, Jie Gao, Ke-Rong Li, Hao-Yue Xiang, Kai Chen* and Hua Yang*



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Synthesis of dihydrogambirtannine by alkyne [2 + 2 + 2]-cyclotrimerisation

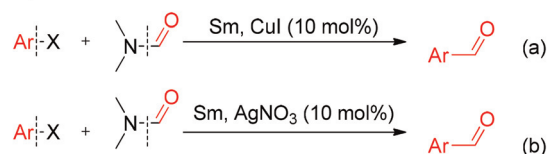
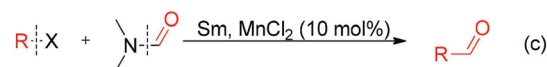
Pattarakiat Seankongsuk, Patcharaporn Sae-Lao, Shi He, Veronica Pereira and Roderick W. Bates*



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A MnCl_2 -catalyzed synthesis of aldehydes from organohalides by using samarium metal in DMF

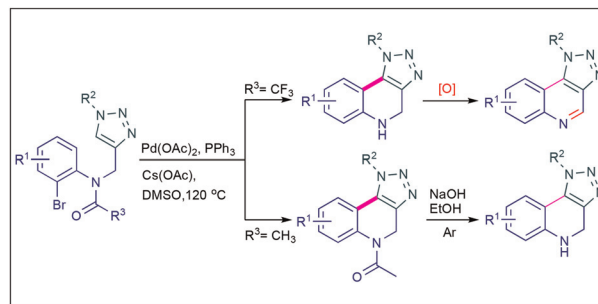
Hongping Chen, Mingzhong Mi, Chao Wang, Aowen Li, Yan Qi* and Yongjun Liu*

The prior work**The current work**

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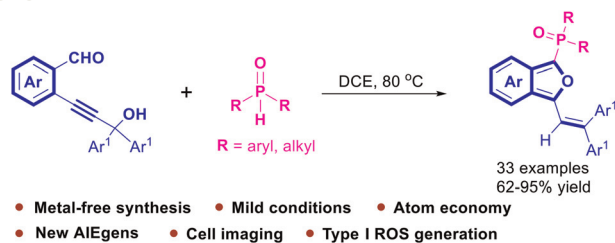
Pd-catalyzed intramolecular C–H activation for the synthesis of fused-1,2,3-triazole quinolines and dihydroquinolines

Karim Ullah, Dario Allevi, Giancarlo Fabrizi, Antonella Goggiamani, Federico Marrone and Antonia Iazzetti*



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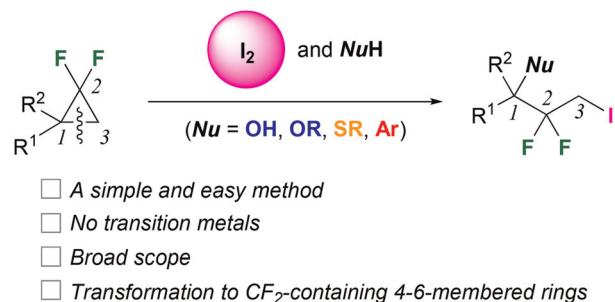
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Phosphinylation/cyclization of propynolaldehydes to isobenzofuranylic phosphine oxides displaying AIE properties

Xin Chang, Xiao-Wen Han, Hai-Tao Zhu,* Ni-Ni Zhou, Nan Yang, Cheng-Ping Shen, Chunxuan Qi, An-Xi Zhou, Hai-Tao Feng* and Ben Zhong Tang*

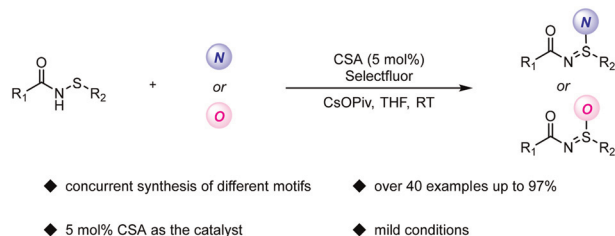
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I₂-mediated convenient ring-opening of simple *gem*-difluorocyclopropanes

Toshihito Goto, Sakuya Shirai, Tomoko Kawasaki-Takasuka,* Tomohiro Agou and Takashi Yamazaki

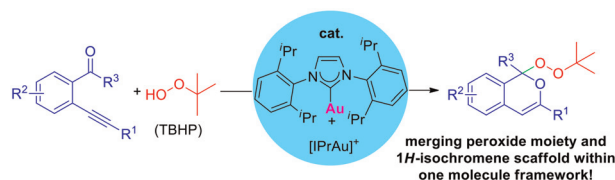
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Brønsted acid-catalyzed synthesis of sulfinamidines and sulfinimidate esters through electrophilic fluorination and substitution

Min Li, Jingyu Wang, Xiongfei Ou and Jingxun Yu*

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Gold(I)-catalyzed tandem cyclization/peroxidation of 2-alkynyl-1-carbonylbenzenes with TBHP

Lang Chen, Qibo Ni, Yan Zhou and Yunkui Liu*

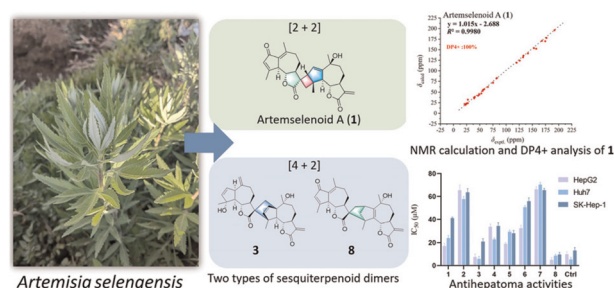


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Artemselenoids A–H, eight guaiane-type sesquiterpenoid dimers from *Artemisia selengensis* and their antihepatoma activities

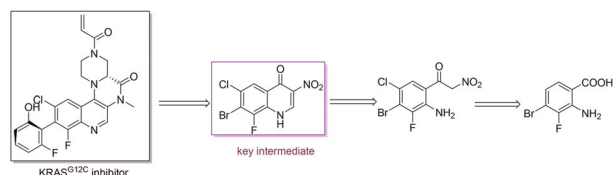
Rong-Kai Chen, Tian-Ze Li, Yun-Bao Ma, Yong-Cui Wang and Ji-Jun Chen*



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Stereoselective synthesis of a KRAS^{G12C} inhibitor with a quinoline-piperazine scaffold

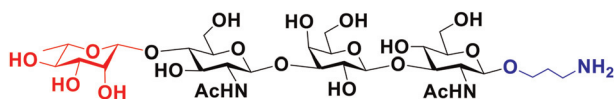
Ying Hu, Jing Zheng, Yin-Jun Chen, Wei-Yi Pu, Yan-Jun Xu* and Lin Dong*



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Synthesis of β -rhamnose containing ready to conjugate tetrasaccharide repeating unit corresponding to the K141 CPS of *Acinetobacter baumannii* KZ1106

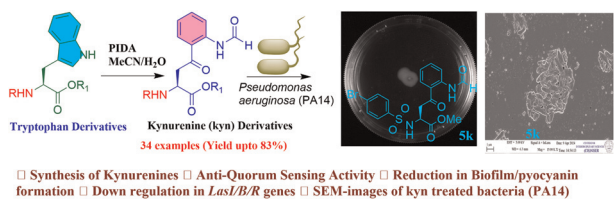
Swapnendu Pramanik and Abhishek Santra*

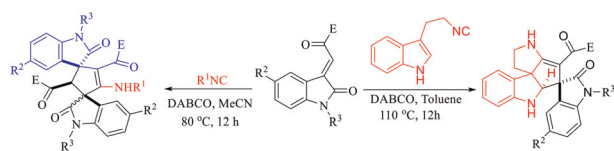


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PIDA-mediated synthesis of kynurenine derivatives by oxidative fragmentation of the tryptophan scaffold

Chinmay K. Jena, Aurobindo Patnaik, Sushree S. Nayak, Supriya Kumari, Ankita Panda, Manjusha Dixit and Nagendra K. Sharma*





Efficient construction of spirocyclopentane-1,3-dioxindoles via an annulation reaction of isocyanides and 3-methyleneoxindoles

Li Huang, Wei-Qing Ma, Jing Sun, Ying Han and Chao-Guo Yan*

