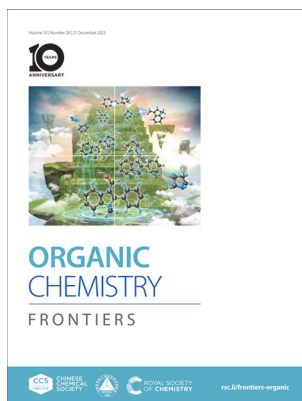


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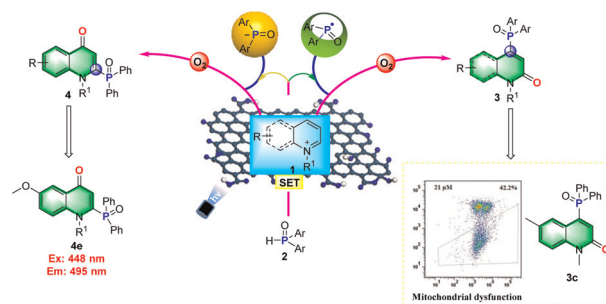
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RESEARCH ARTICLES

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Site-selective C–H difunctionalization of *N*-alkyl activated azaarenes via the synergistic catalysis of graphene oxide and visible light

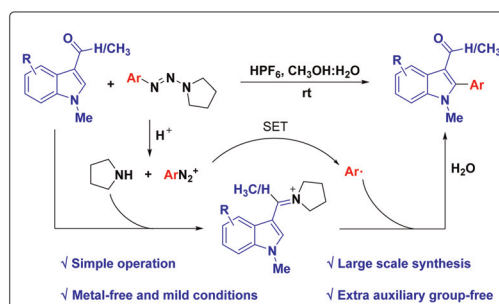
De-Hao Duan, Hai-Ping He, Wei-Yi Ding, Dong-Cheng Yi, Ying-Zhen Lai, Ai-Qiong Huang, Jie Liu, Wen-Le Wu and Xiang-Jun Peng*



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Imine induced metal-free C–H arylation of indoles

Lin Zhang, Jianan Gao, Bin Wang, Azhar Iqbal, Weiwei Jin, Yu Xia, Yonghong Zhang* and Chenjiang Liu*



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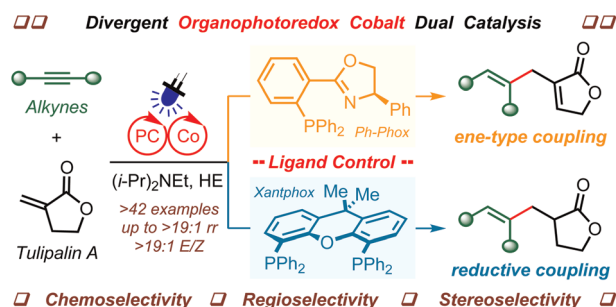


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Regio- and stereoselective divergent cross-coupling of alkynes and disubstituted alkenes via photoredox cobalt dual catalysis

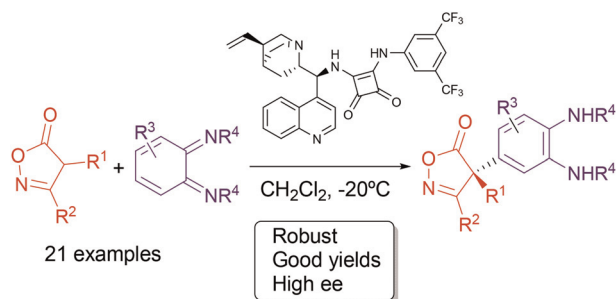
Shi-Qi Zhang, Yan-Lin Li, Kun Cui, Chen Chen, Zheng-Yang Gu, Hu He* and Ji-Bao Xia*



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Enantioselective construction of quaternary stereocenters via organocatalytic arylation of isoxazolin-5-ones with *o*-quinone diimides

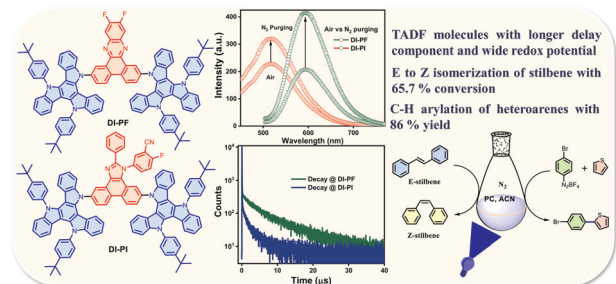
Ricardo Torán, Eduardo Portillo, Amparo Sanz-Marco, Carlos Vila and Gonzalo Blay*



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Twisted organic TADF triads based on a diindolocarbazole donor for efficient photoisomerization of stilbene and photo-arylation of heteroarenes

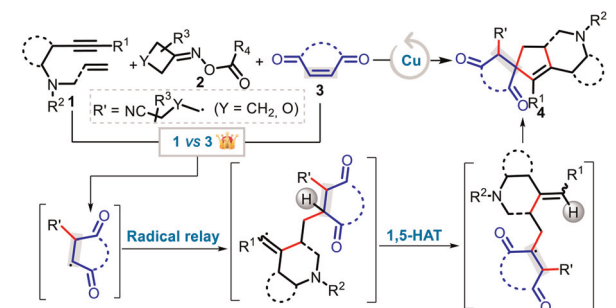
Sushil Sharma and Sanchita Sengupta*



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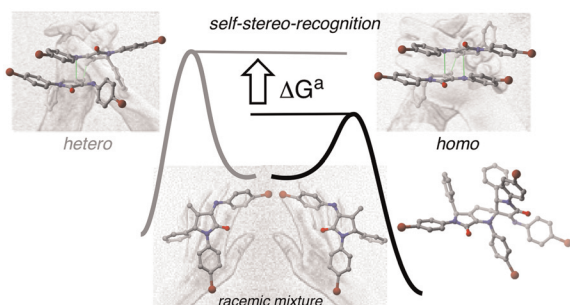
Copper-catalyzed 1,2,2-trifunctionalization of maleimides with 1,7-enynes and oxime esters via radical relay/1,5-hydrogen-atom transfer

Li-Lin Jiang, Hui Qiu, Yu Zhou, Ling-Tao Wang, Wen-Hui Yang, Chao Deng* and Wen-Ting Wei*



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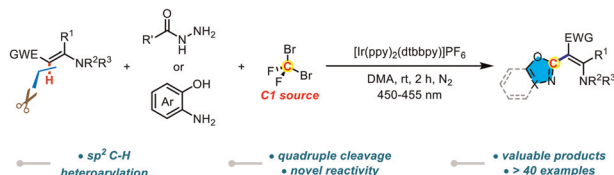
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Chiral self-recognition in a bispericyclic cyclooligomerisation reaction of 1-azadienes

Adrián López-Francés, Xavier del Corte, Zuriñe Serna-Burgos, Jesús M. de los Santos, Abel de Cózar* and Javier Vicario*

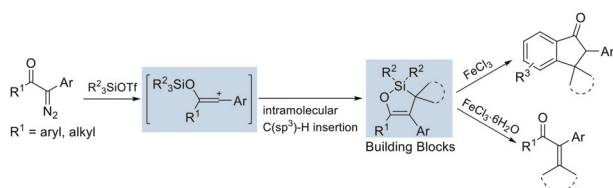
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Photoinduced C–H heteroarylation of enamines via quadruple cleavage of CF_2Br_2

Wanqing Zuo, Lingling Zuo, Xiao Geng,* Zhifang Li and Lei Wang*

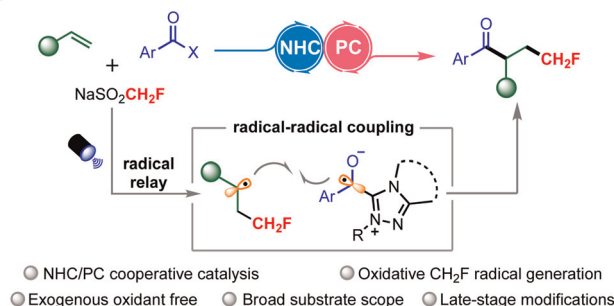
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Synthesis of cyclic silyl enol ethers from α -Aryl- α -diazoketones: new building blocks for preparation of indanones and α,β -unsaturated ketones

Yueqiang Liu, Sheng Zhang,* Yang Li,* Xiaoqiang Yu, Xiujuan Feng, Yoshinori Yamamoto and Ming Bao*

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Acylmonofluoromethylation of alkenes via dual NHC/photoredox catalysis

Shichao Tian, Mingxi Chen, Yihan Tang, Keguang Cheng,* Gavin Chit Tsui* and Quande Wang*

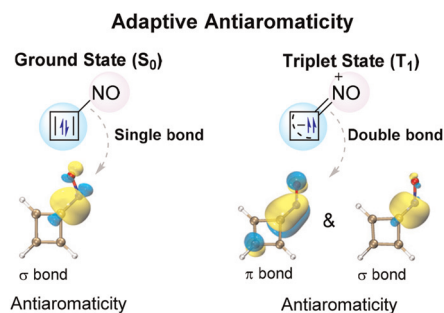


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NO-induced adaptive antiaromaticity in cyclobutadiene

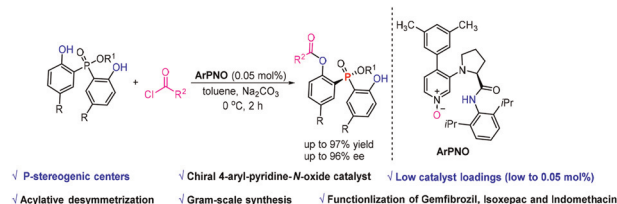
Qianqian Deng, Sajid Imran, Jun Yan and Jun Zhu*



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Pyridine-*N*-oxide catalyzed acylative desymmetrization of bisphenols: access to P-stereogenic phosphinates with low catalyst loadings

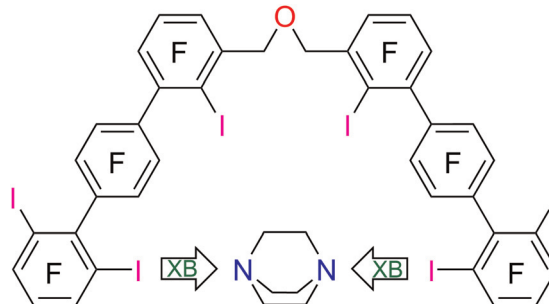
Yang-Guang Chen, Ying Hu, Jia-Yi Liu, Ming-Sheng Xie* and Hai-Ming Guo*



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A halogen bonding molecular tweezer

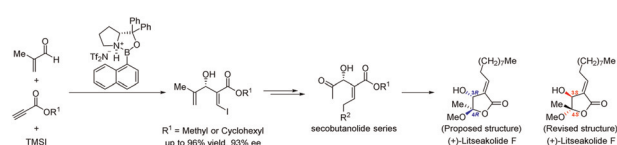
Christoph J. Vonnemann, David Bulfield, Elric Engelage and Stefan M. Huber*



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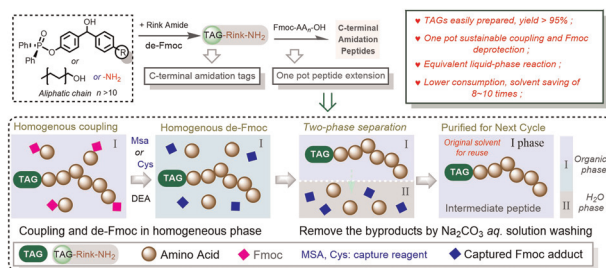
Asymmetric synthesis of (*E*)-Secobutanolides: total synthesis and structural revision of (+)-Litseakolide F and G

Dong Guk Nam, Jin Won Lee, Hyun Sil Jung and Do Hyun Ryu*



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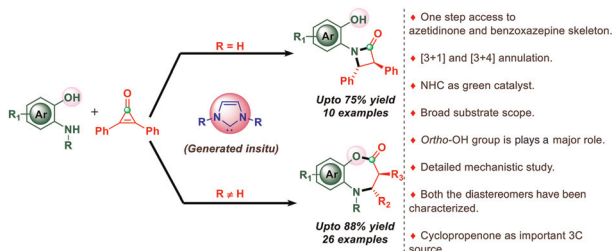
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One-pot and sustainable liquid-phase peptide extension for synthesis of C-terminal amidation peptides aided by small molecular tags

Haidi Li,* Yuankui Jin, Lianjun Wang, Linyan Zhang, Tianyu Liu, Yu Liu and Taigang Liang*

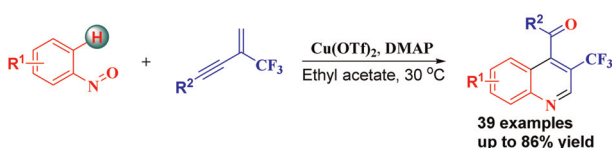
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N-Heterocyclic carbene catalyzed base assisted C–C bond cleavage of cyclopropanones: an approach towards diastereoselective synthesis of azetidinones and benzoxazepines

Tanmayee Nanda, Ashish Dharmendra Shukla, Shubham Kumar Dhal, Muhammed Fastheem and Ponneri C. Ravikumar*

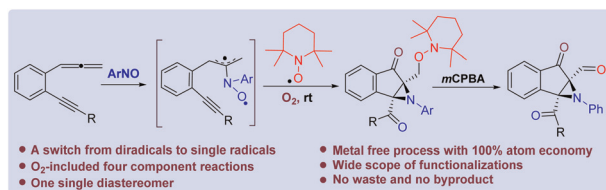
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Synthesis of 3-CF₃-4-acyl-substituted quinoline derivatives via a cascade reaction of nitrosoarenes and β-CF₃-1,3-enynes

Wenhui Li, Shuangping Huang, Qiang Liu, Xing Li* and Wenwen Chen*

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Aerobic oxidation/metal-free cyclization cascades of nitrosoarenes and allenyne with TEMPO/O₂: a switch of diradical to single radical intermediates

Chandrima Maitra, Debashis Barik, Yeu-Shiuan Ho, Mu-Jeng Cheng* and Rai-Shung Liu*

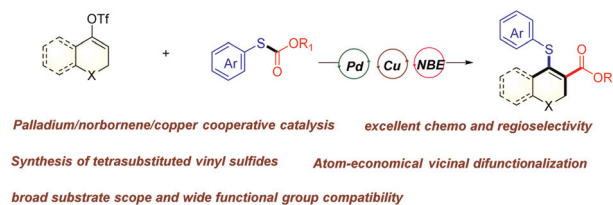


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Palladium/norbornene/copper-catalysed intermolecular thio-esterification from ketones: modular access towards tetrasubstituted vinyl sulfides

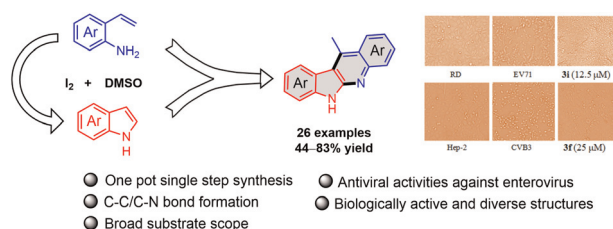
Guopeng Du, Yu Zhao, Pingliang Zhu, Shaowen Ling, Baolong Xu, Hui Liu, Xinjin Li and Feng-Gang Sun*



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One-pot access to 11-methyl-6*H*-indolo[2,3-*b*]quinolines via iodine-mediated annulation of indoles with 2-vinylanilines and evaluation of their biological activities

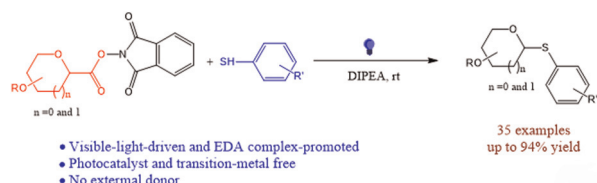
Jinglan Yan, Zeguo Fang, Jianglong Su, Qun He, Nawaf Al-Maharik, Qian Zhang, Yanhong Wei* and Dong Li*



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Visible-light-induced electron donor–acceptor (EDA) complex-initiated synthesis of non-anomeric *S*-aryl glycosides

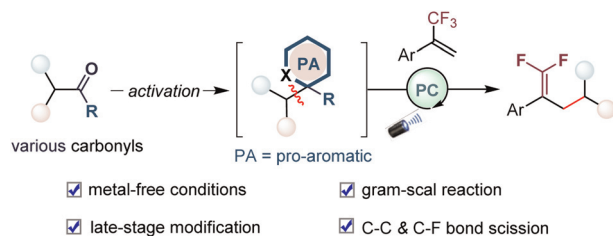
Jin-Yu Hou, Le Zhang, Shi-Yun He, Mei-Ling Ye, Jian Chen, Tian-Le Huang, Guang-Hui Lv, Li Hai, Zhong-Zhen Yang* and Yong Wu*



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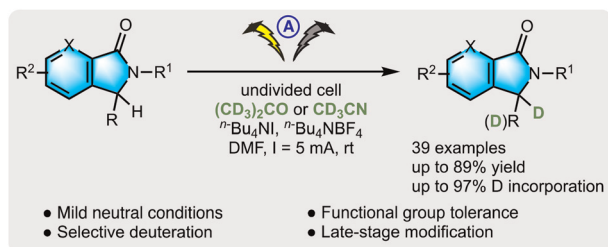
Photoinduced defluorinative alkylation of trifluoromethyl alkenes with carbonyl derivatives by C–C bond scission

Lu-Yu Yan, Tian-Zhen Zhang, Ze-Zhong Lv and Ming-Chen Fu*



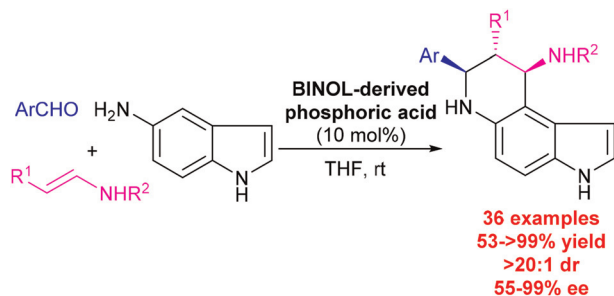
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**Electroselective C(sp³)-H deuteration of isoindolinones**

Qiansong Gao, Lianyou Zheng, Shulin Ning, Lingling Shi, Cheng Wu, Mian Liu and Jinbao Xiang*

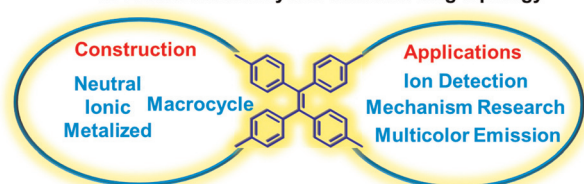
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**Enantioselective synthesis of pyrroloquinolines via a three-component Povarov reaction with aminoindoles**

Zijie Zhou, Ling Ye, Lu Yang, Xinying Li, Zhigang Zhao and Xuefeng Li*

REVIEW

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TPE-based macrocycles with dual-ring topology**Tetraphenylethene-based macrocycles with dual-ring topology: synthesis, structures, and applications**

Junying Zhang, Wenbing Kang* and Xing-Dong Xu*

CORRECTION

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Correction: Blue-light induced iron-catalyzed chemoselective α -alkylation and α -olefination of arylacetonitriles with alcohols

Dingguo Song, Shiliang Wang, Weiwei Huang, Rong Chen, Fangyuan Hu, Lingxin Cheng, Xianghua Zhao, Fei Ling* and Weihui Zhong*

