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Cover

See Stefan Bräse *et al.*,
pp. 3546–3550.



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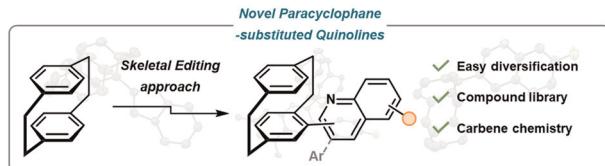
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RESEARCH ARTICLES

3546

[2.2]Paracyclophane-substituted quinolines by skeletal editing strategies

Tilman Köhler, Olaf Fuhr and Stefan Bräse*



3551

Pseudo-4-component photoredox-catalyzed alkylative amidination/carbamoylation of styrenes with isocyanides and redox-active esters

Alexandre Simon, Virgile Rouffeteau, Camilla Accocia, Sylvestre P. J. T. Bachollet, Jérémie Forté, Mariateresa Giustiniano, Laurence Grimaud* and Maxime R. Vitale*



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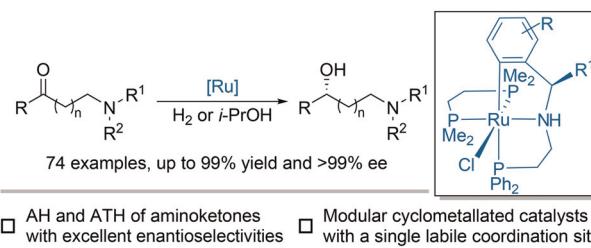


RESEARCH ARTICLES

3558

Cyclometallated chiral Ru complexes with a single labile coordination site for asymmetric reduction of aminoketones

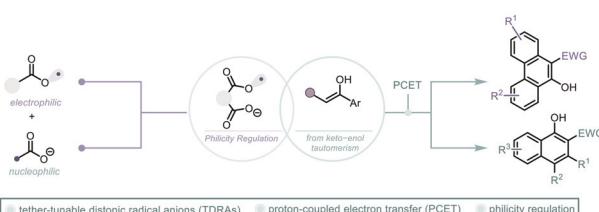
Haoying Liu, Weijun Tang,* Jianliang Xiao and Chao Wang*



3568

Intramolecular and intermolecular benzannulation of arylethanone derivatives enabled by visible light-induced catalytic generation of tether-tunable distonic radical anions

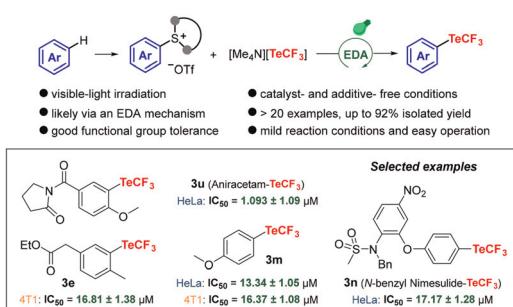
Zhiyou Yu, Ziye Zhan, Kang Fu and Lei Shi*



3579

Photoinduced synthesis and biological investigation of aryl trifluoromethyl tellurides

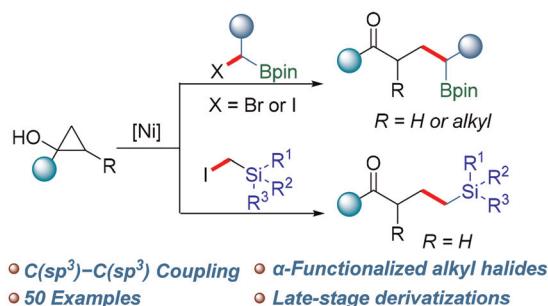
Peng-Yu Guan, Fei Li, Lijun Han, Yao Yu and Cheng-Pan Zhang*



3587

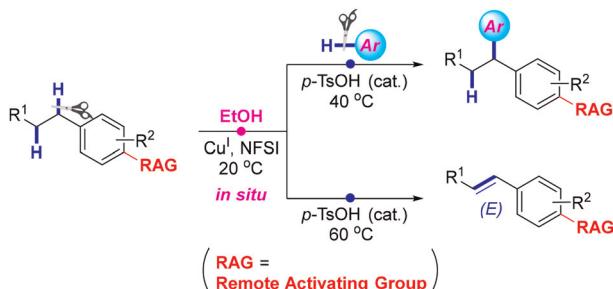
Ni-catalyzed C(sp³)–C(sp³) cross-coupling to access γ-carbonyl alkylboronates and alkylsilicons enabled by cyclopropanol-derived homoenolates

Linfei Zhu, Yang Sun and Hui Wang*



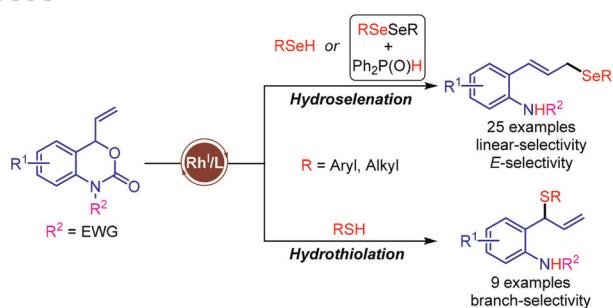
RESEARCH ARTICLES

3594

Selective benzylic cross-dehydrogenative arylation and α,β -dehydrogenation under mild conditions

Zhenyang Wan, Jiahao Gu, Yuhong Lu, Xiangmin Tian, Ziyue Zeng, Yichuan Yan, Xinyao Li,* Dailin Zhuang* and Ziyuan Li*

3606



Rhodium-catalyzed regioselective decarboxylative hydroselemination and hydrothiolation of vinyl benzoxazinonanes

Yuan-Yi Lu, Guirong You, Yu Teng, Jun Zhao, Yi-Dong Zhong* and Hong-Shuang Li*

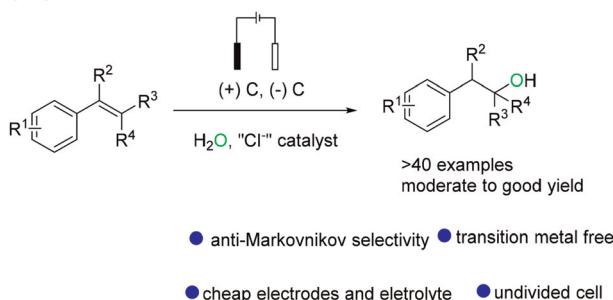
3614



Pd-catalyzed arylative annulation of alkynyl nitriles with boronic acids to functionalized cyclopenten-3-ones/2-indenones

Chada Raji Reddy,* Banoth Subhash and Veeramalla Ganesh

3620



Metal-free electrochemical anti-Markovnikov hydration of aryl alkenes

Rongxing Linghu, Jun Shi, Biaobiao Jiang, Junrong Song, Wei Wu* and Hai Ren*

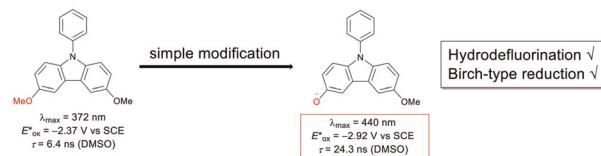


RESEARCH ARTICLES

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Carbazol-3-olate photosensitizers enable photocatalytic hydrodefluorination and Birch-type reduction reactions

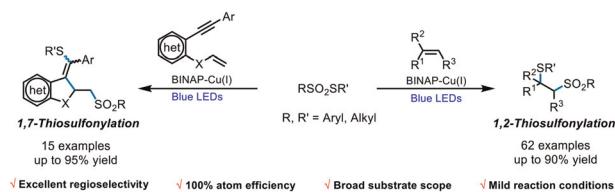
Huiling Kuang, Weibin Xie,* Tatsushi Yabuta, Masaaki Fuki, Masahiro Higashi, Yasuhiro Kobori,* Nozomi Sakai, Seiji Akimoto, Masahiko Hayashi and Ryosuke Matsubara*



3636

Copper-photocatalyzed atom transfer radical addition of thiosulfonates to alkenes

Ben Ma,* Zheng Zhao, Min Ma, Rui Zhang and Jingya Yang*



3643

Asymmetric construction of enantioenriched spiro gem-diamines via [3 + 3] annulation of α,β -unsaturated *N*-sulfonyl ketimines and 3-aminobenzofurans

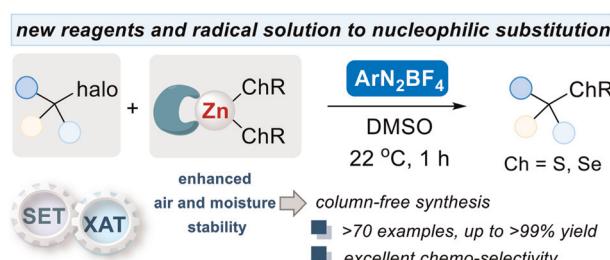
Xin Shu, Tingting Zhang, Yongxing Zhang, Kexin Tong, Shumin Wang and Yang Wang*



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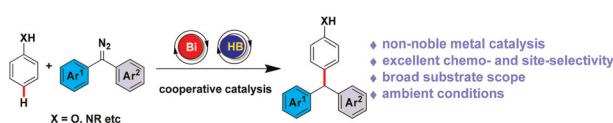
Discovery of zinc-bound dithiolates for $C(sp^3)$ –S couplings of alkyl iodides: a radical solution to nucleophilic substitution

Yanchuang Zhao, Yuenian Xu, Han Qian, Aman Ullah, Shao-Fei Ni,* Ying Bai and Xinxin Shao*



RESEARCH ARTICLES

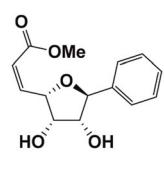
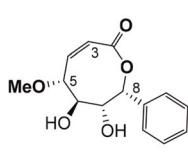
3658



Highly chemo- and site-selective C(sp²)–H bond functionalization of aniline and phenol derivatives with aryl/aryl diazo compounds

Yuzhu Wang, Xiaoyan Wei, Yinuo Chen, Yueyue Liu and Lu Liu*

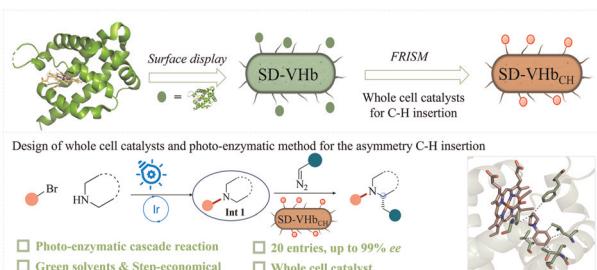
3665



Gonioheptenolactone

(significant cytotoxicities against a panel of human cancer cells)

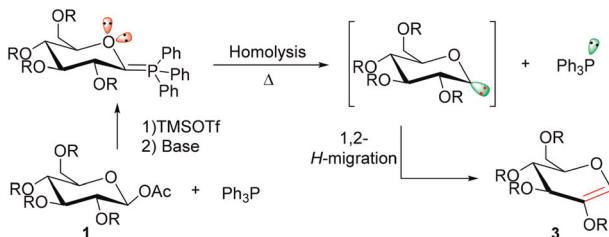
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Total synthesis and structure revision of gonioheptenolactone

Jun Liu,* Jingjing Bi, Yuxin Cui, Minhao Chen, Chuanfang Zhao, Wenting Li, Aishuang Zhan and Yuguo Du

3681



Enantioselective synthesis of α -functionalized phenylpyrrolidine via photo-enzymatic cascade multi-component reaction

Fengxi Li, Shenhan Xie, Wenxian Dong, Yihang Dai, Qikai Sun, Zhengqiang Li, Chuang Du,* Zhi Wang* and Lei Wang*

Fragmentation of glucosylphosphonium ylides for the synthesis of glycals

Chao Chen, Zhichao Mei, Mengyao You, Ziwei Zhang, Haiyang Huang* and Qiang Xiao*

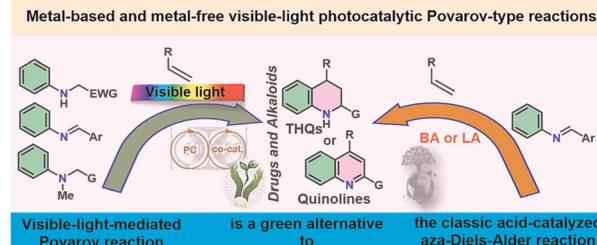


REVIEWS

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Achievements in photocatalytic Povarov-type reactions: a key step in green diversification of the quinoline chemical space

Vladimir V. Kouznetsov* and Fedor I. Zubkov



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Recent advances in the diverse transformations of trifluoromethyl alkenes

Fei Liu, Qi Wu, Xin Wang,* Qinghao Dong and Kai Sun*

