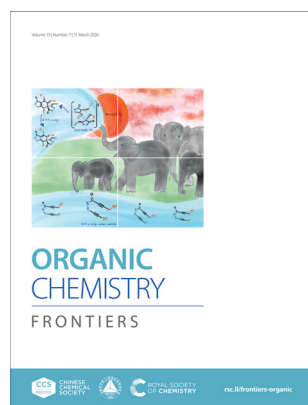


IN THIS ISSUE

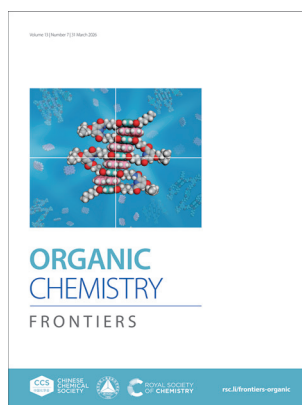
ISSN 2052-4129 CODEN OCFRA8 13(7) 1967-2214 (2026)



Cover

See Yuanzhi Xia, Daesung Lee *et al.*, pp. 1977–1985.

Image reproduced by permission of Kumudi J. W. Rajapaksa from *Org. Chem. Front.*, 2026, **13**, 1977.



Inside cover

See Bappaditya Gole *et al.*, pp. 1986–1998.

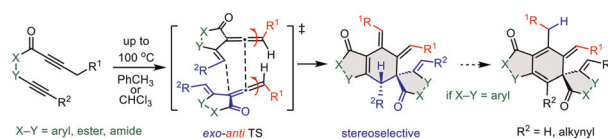
Image reproduced by permission of Bappaditya Gole from *Org. Chem. Front.*, 2026, **13**, 1986.

RESEARCH ARTICLES

1977

Diels–Alder dimerization of ene-allenes and enyne-allenes generated *via* the propargylic Alder–ene reaction of diynes and triynes

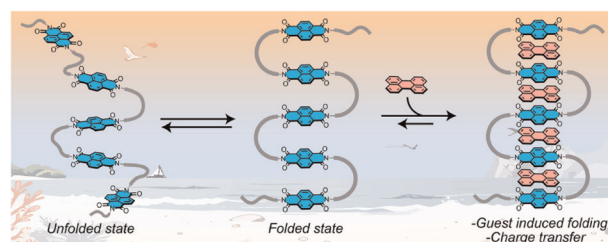
Kumudi J. W. Rajapaksa, Duy-Viet Vo, Wu Tong Tong, Yanshu Luo, Eunhye Lee, Yuanzhi Xia* and Daesung Lee*



1986

Guest-dependent folding and tunable charge transfer of an NDI-pentamer

Dhanyashree Das, Dhruvajyoti Talukdar and Bappaditya Gole*



Royal Society of Chemistry approved training courses

Explore your options.
Develop your skills.
Discover learning
that suits you.

**Courses in the classroom,
the lab, or online**

Find something for every
stage of your professional
development. Search our
database by:

- subject area
- location
- event type
- skill level

Members **get at least 10% off**

Visit rsc.li/cpd-training



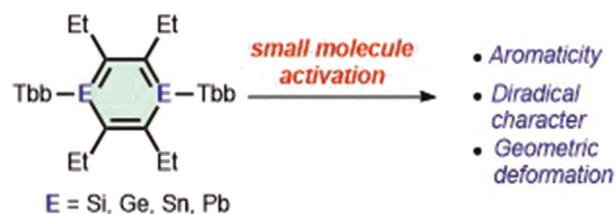
**SAVE
10%**

RESEARCH ARTICLES

1999

Group 14 heavier 1,4-dimetallabenzenes: influence of aromaticity, open-shell character and strain on small molecule activation

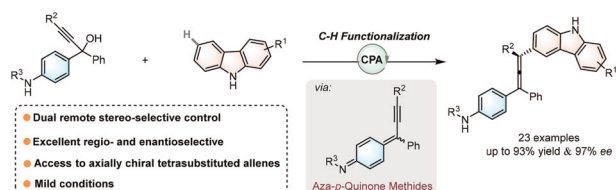
Daniel González-Pinardo and Israel Fernández*



2009

Organocatalytic enantioselective C–H allenylation of carbazoles with propargylic alcohols via remote 1,8-conjugate addition

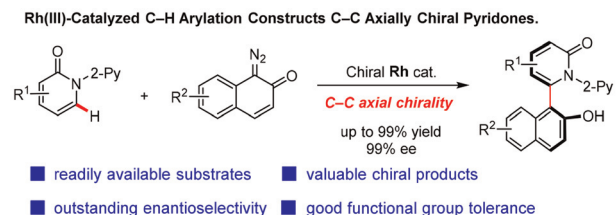
Xiaoyi Deng, Hanzhuo Huang, Jun Huang, Gong Chen, Yi Liu,* Jiang Weng* and Wenrun Zhu*



2016

Rh(III)-catalyzed enantioselective C–H arylation: atroposelective synthesis of 2-pyridones from diazo compounds

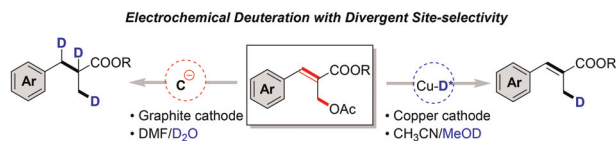
Zhan-Wei Fu, Chen-Yu Dou, Xiong Zhou, Feifei Fang, Mu-Peng Luo, Shu-Rong Ban,* Shi Cao* and Shou-Guo Wang*



2024

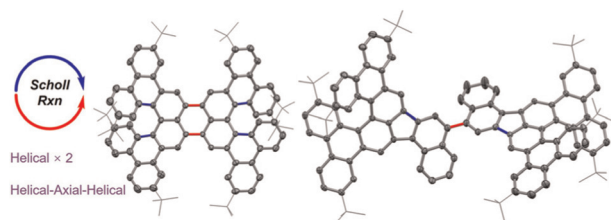
Electrochemical deuteration of allylic esters with divergent site-selectivity

Xu Zhang, Ke Liu, Mohan Wang, Chao Wu, Xiaoli Wang, Man-Bo Li and Sheng Zhang*



RESEARCH ARTICLES

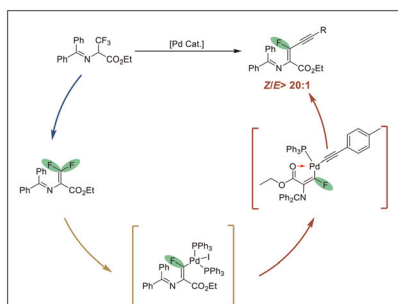
2031



Tandem Scholl reaction for the synthesis of twisted nanographenes

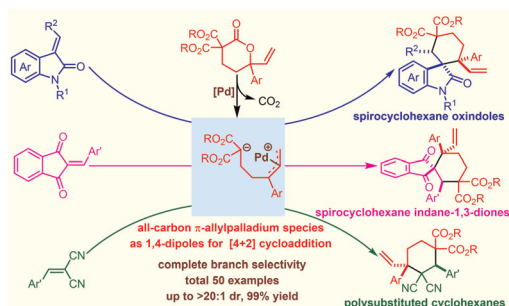
Zixian Wu, Zheng Zhou, Yuanjian Zhang and Yong Yang*

2040

Palladium-catalyzed Z-selective alkylation of *gem*-difluoro alkenes via carbon–fluorine bond activation: mechanistic insights into oxygen-directed regiocontrol

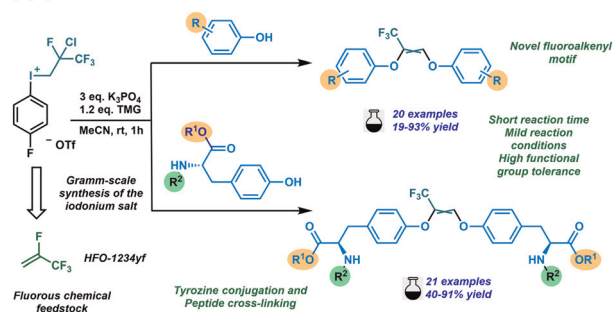
Xin Liu, Min Liang, Jingyi Guo, Jin Yang, Jingyu Zhang* and Yingsheng Zhao*

2048

Palladium-catalyzed decarboxylative [4 + 2] cycloaddition of δ -vinylvalerolactones for the synthesis of spirocyclohexane compounds

Wei Sun, Xue-Song Peng, Guo-Yin Sun, Juan Liao, Lei Yang, Yan-Ping Zhang, Jian-Qiang Zhao,* Ming-Qiang Zhou* and Wei-Cheng Yuan*

2056



An iodonium based cross-linking tool for tyrosine conjugation

Rihárd Sisa, János T. Csenki, Flavián Domány, Dóra Ágocsi-Kiss, Levente Dókus, Gábor Mező, Péter P. Fehér, András Stirling, Anna J. Kiss-Szemán and Zoltán Novák*

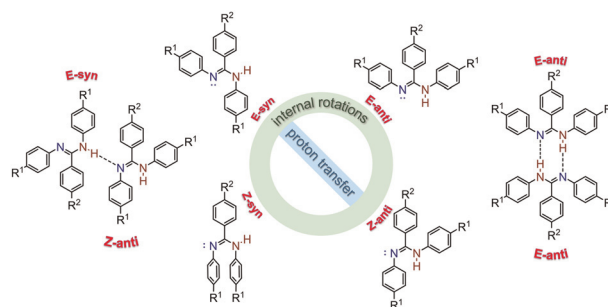


RESEARCH ARTICLES

2065

Hydrogen-bond-assisted configurational diversity of benzamidines: experimental and theoretical study

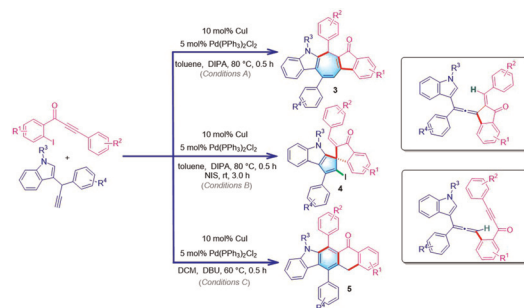
Edem R. Chakalov, Daria I. Tonkoglavova, Anna A. Titova, Maxim L. Kruglov, Elena Yu. Tupikina,* Alexander S. Antonov* and Peter M. Tolstoy*



2081

Skeletal diversity-oriented synthesis of cycloheptatriene[b]indole, spiro-cyclopentene[b]indole and carbazole derivatives via Pd-catalyzed domino reaction involving indolyl allene intermediates

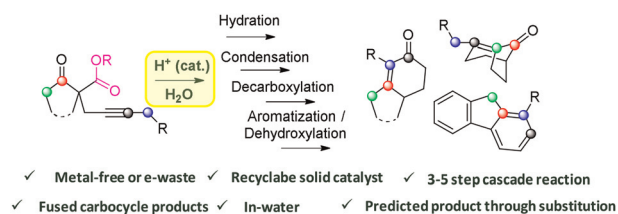
Yu Xin, Xinxin Chen, Zebang Meng, Ruwei Shen and Shugao Zhu*



2089

A metal-free or metal e-waste catalysed alkyne hydration–condensation–decarboxylation cascade reaction in water gives access to (fused) carbocycles

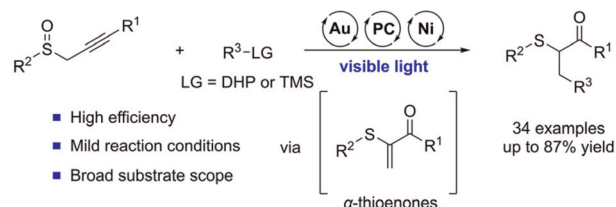
Alejandro Lumbreras-Teijeiro, Daniel Pérez de los Cobos-Pérez, Susi Hervàs-Arlandis, Marta Mon, Judit Oliver-Meseguer* and Antonio Leyva-Pérez*



2096

Synthesis of α -sulfenylated carbonyl compounds via combining a gold-catalyzed rearrangement and a photoinduced nickel-catalyzed Giese reaction

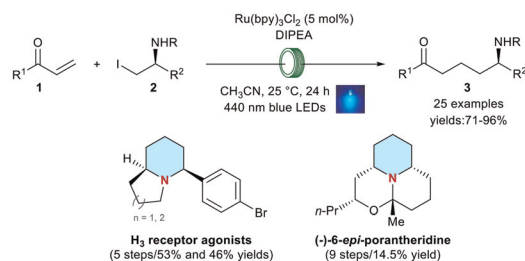
Yue-Liu-Ting Fu, Yun-Long Han, Liang-Qiu Lu, Ying Cheng* and Wen-Jing Xiao*



RESEARCH ARTICLES

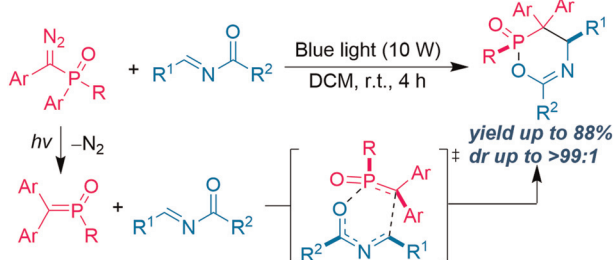
2102

flow chemistry-assisted visible light-induced radical coupling

Flow chemistry-assisted visible light-induced radical addition of β -amino iodides with enones en route to efficient construction of *cis*-2,6-piperidines

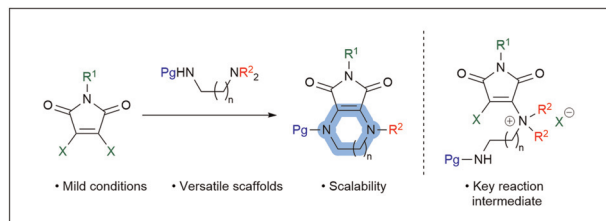
Yufan Yang, Dongxu Wang, Dongyang Jiang, Kaixuan Pan, Yingchen Wang, Luai Ji, Wanshu Wang, Lu Gao, Fu Peng* and Zhenlei Song*

2108

Blue light-promoted [2 + 4] cycloaddition of phosphenes and *N*-acylimines: highly diastereoselective access to 3,4-dihydro-1,5,2-oxazaphosphinine 2-oxides

Mengyao Zhang, Chongjie Su, Hongguang Du and Jiayi Xu*

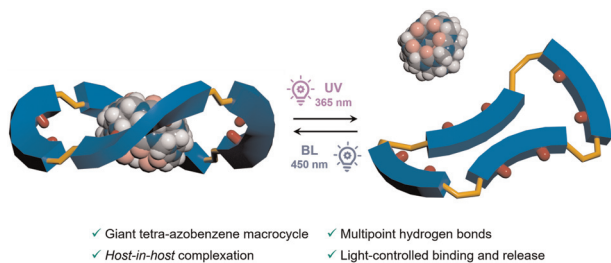
2114



Amine-cation-driven heteroannulation of halomaleimides with C–N cleavage: metal-free access to heterobicyclic frameworks

Luka Ciber, Helena Brodnik, Nejc Petek, Jurij Svete, Uroš Grošelj* and Bogdan Štefane*

2122



A photoswitchable tetra-azobenzene macrocycle enabling light-controlled host-in-host binding and release of cucurbit[5]uril

Yue Wu, Kuirong Fu, Song Qin, Ming Ouyang, Zhiyao Yang, Yimin Cai, Wen Feng, Lihua Yuan* and Xiaowei Li*

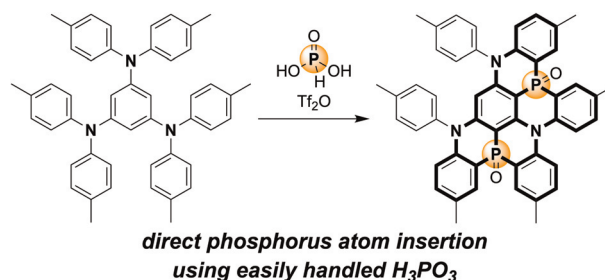


RESEARCH ARTICLES

2132

A direct method for phosphorus atom insertion via phosphorous acid for synthesizing P-doped curved polycyclic π -systems

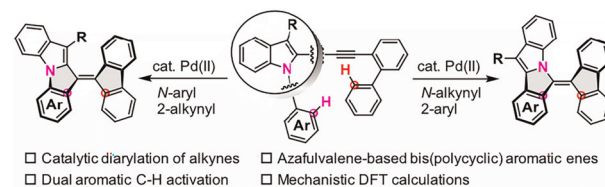
Tomohiro Higashino,* Yoshifumi Nishida, Keiichi Ishida, Shunsuke Kozaka, Yuka Yasuda, Hironori Kaji and Hiroshi Imahori*



2143

Pd(II)-catalyzed intramolecular diarylation of alkynes via dual C-H activation: modular access to azafulvalene-based bis(polycyclic) aromatic enes

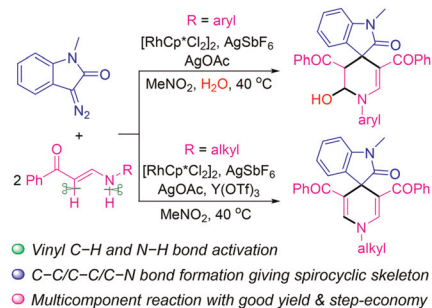
Tienan Jin,* Sho Aida, Takuma Sato and Masahiro Terada



2152

CHA-initiated [3 + 2 + 1] spiroannulation of enaminone with diazo oxindole leading to a concise and divergent synthesis of oxindole spirohydropyridines

Pengkuo Shi, Chun Yang, Nana Shen,* Haiyun Xu, Xinying Zhang* and Xuesen Fan*

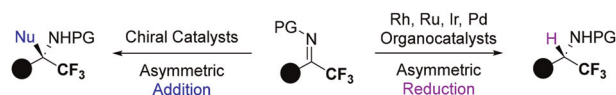


REVIEWS

2159

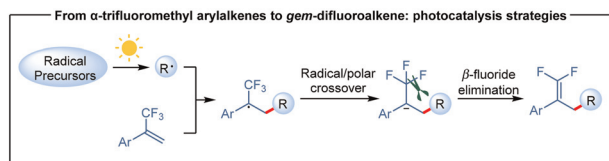
Synthesis of chiral α -trifluoromethyl amines via asymmetric reactions of trifluoromethylated imines

Wei Chen, Wei Chen, Qin Yang and Yiyuan Peng*



REVIEWS

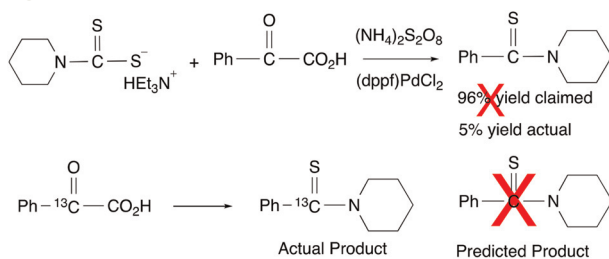
2178

Recent advances in visible-light-induced defluorinative functionalization of α -trifluoromethyl arylalkenes

Yanyan He, Leiyang Lv,* Zhenhua Jia* and Teck-Peng Loh*

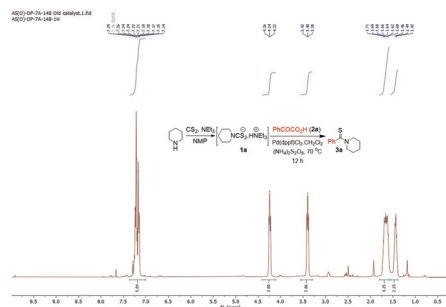
COMMENTS

2201

Comment on "Dithiocarbamate-mediated thioamidation of arylglyoxylic acids by decarboxylative–decarbonylative C–C bond formation reactions" by D. Patra and A. Saha, *Org. Chem. Front.*, 2023, 10, 1686

Xavier Creary

2207

Reply to the 'Comment on "Dithiocarbamate-mediated thioamidation of arylglyoxylic acids by decarboxylative–decarbonylative C–C bond formation reactions"' by X. Creary, *Org. Chem. Front.*, 2026, 13, DOI: 10.1039/D4QO00393D

Debabrata Patra and Amit Saha*

EXPRESSION OF CONCERN

2212

Expression of concern: Dithiocarbamate-mediated thioamidation of arylglyoxylic acids by decarboxylative–decarbonylative C–C bond formation reactions

Debabrata Patra and Amit Saha*

