

Organic & Biomolecular Chemistry

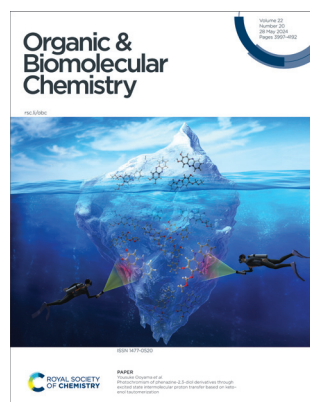
An international journal of synthetic, physical and biomolecular organic chemistry

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Cover

See Yousuke Ooyama *et al.*, pp. 4077–4088.

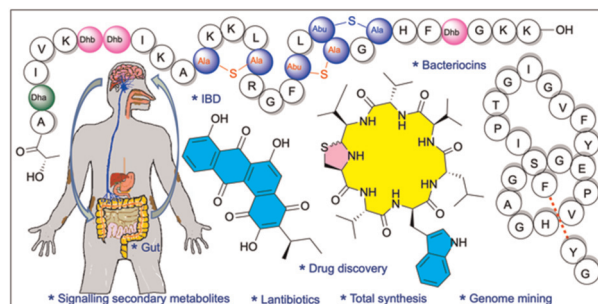
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REVIEW

4006

Natural products from the human microbiome: an emergent frontier in organic synthesis and drug discovery

Saumitra Sengupta,* Srihari Pabbaraja* and Goverdhan Mehta*

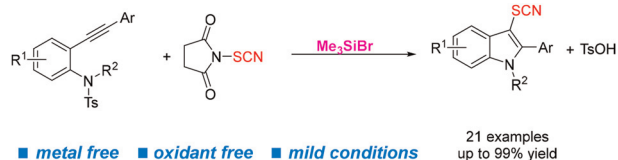


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Me₃SiBr-promoted cascade electrophilic thiocyanation/cyclization of *ortho*-alkynylanilines to synthesize indole derivatives

Qing Wang, Chukai Shao, Ruirui Hua, Hongquan Yin and Fu-Xue Chen*



Environmental Science: Atmospheres

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Fundamental questions
Elemental answers

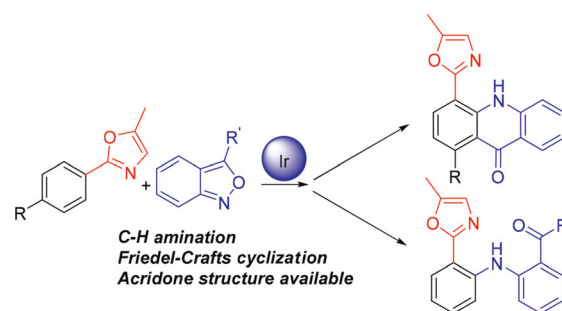


COMMUNICATIONS

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Synthesis of acridones via Ir(III)-catalyzed amination annulation of oxazoles with anthranils

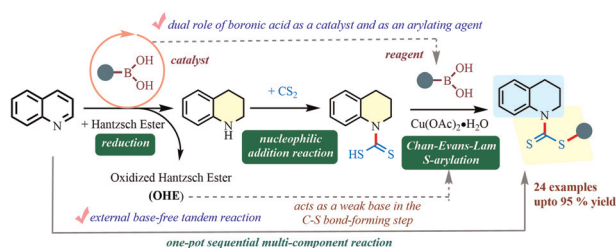
Han-Yi Zhou and Lin Dong*



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Facile synthesis of tetrahydroquinoline containing dithiocarbamate derivatives via one-pot sequential multicomponent reaction

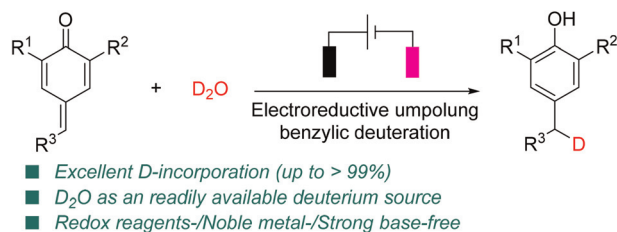
Siddhartha Kumar Senapati, Anit Pal and Animesh Das*



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Electrochemical benzylic deuteration of *p*-QMs enabling the synthesis of benzylic deuterated diarylmethanes

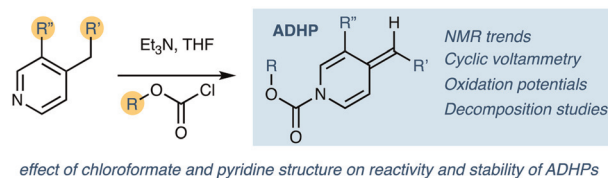
Yunying Yan, Jianjun Hao, Yulin Peng, Mengyun Yin,* Linhai Jing* and Pan Han*



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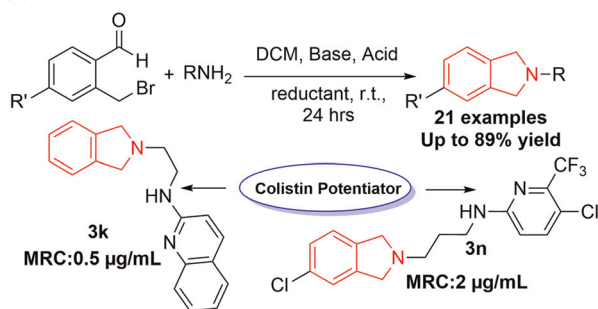
Stability and reactivity of alkylidene dihydropyridines

Matthew Puzhistky, Ekadashi Pradhan, Andrei Nikolaev, Tao Zeng, Dan Fishlock and Arturo Orellana*



COMMUNICATIONS

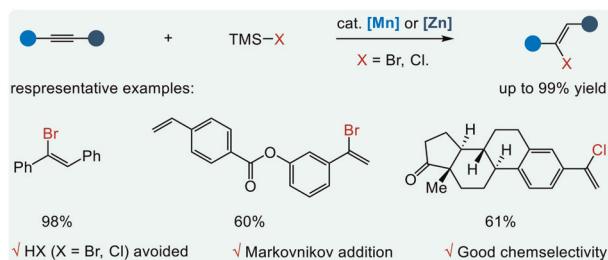
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Practical synthesis of isoindolines yields potent colistin potentiators for multidrug-resistant *Acinetobacter baumannii*

Somnath Dutta, Samantha Eyolfson, Yuhang Zhu, Yuefeng Gao and Xiang Wang*

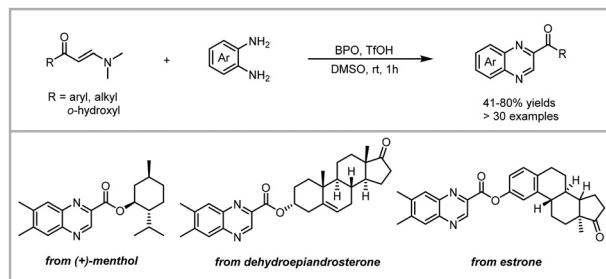
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Lewis acid catalyzed Markovnikov hydrobromination and hydrochlorination of alkynes using TMSX (X = Br, Cl)

Dalong Shen, Dehai Cao, Ruizeng Zhang, Peiyuan Bai and Zhenxing Liu*

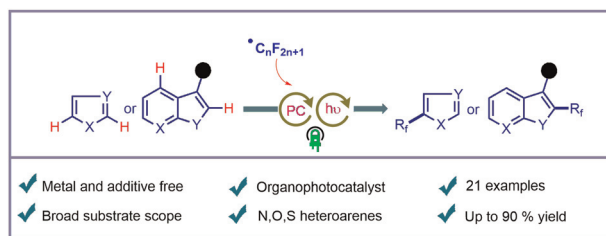
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BPO-promoted [4 + 2] cyclization of enaminones and o-phenylenediamines to 2-acyl quinoxalines via a cascade transamination and C–H amination

Heng Feng, Jie Huo, Xiaonan Mu, Renhua Zheng,* Xiao Geng* and Lei Wang

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Photoinduced metal-free trifluoro/perfluoroalkylation of heteroarenes

Shashank Singh and Ravi P. Singh*

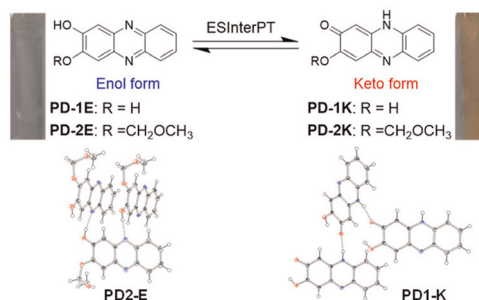


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Photochromism of phenazine-2,3-diol derivatives through excited state intermolecular proton transfer based on keto–enol tautomerization

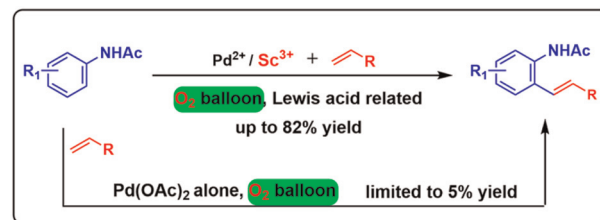
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Pd(II)/LA-catalyzed acetanilide olefination with dioxygen

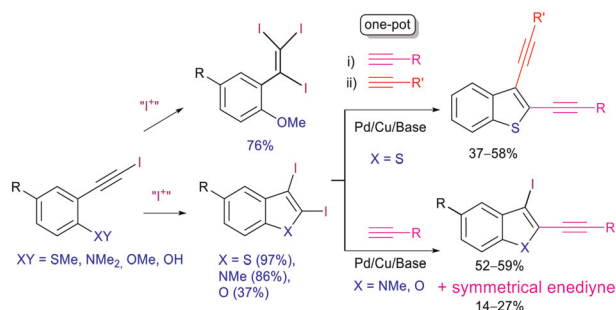
Kaiwen Li, Shuangfeng Dong, Shuang-Long Li, Zhuqi Chen and Guochuan Yin*



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Facile synthesis of diiodoheteroindenes and understanding their Sonogashira cross-coupling selectivity for the construction of unsymmetrical enediynes

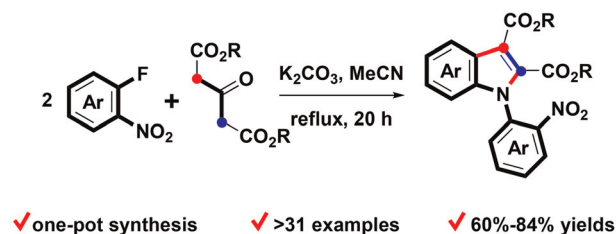
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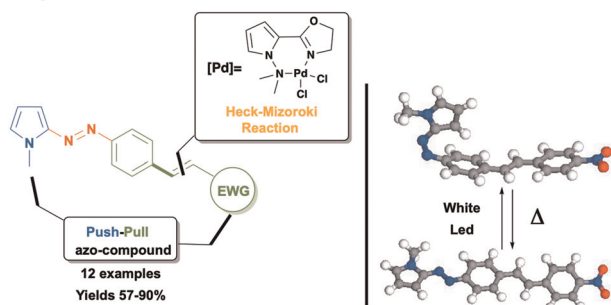
K₂CO₃-mediated annulation of 1,3-acetonedicarboxylates with 2-fluoro-1-nitroarenes: synthesis of indoles

Meng-Yang Chang,* Chin-Huey Ho and Hsing-Yin Chen*



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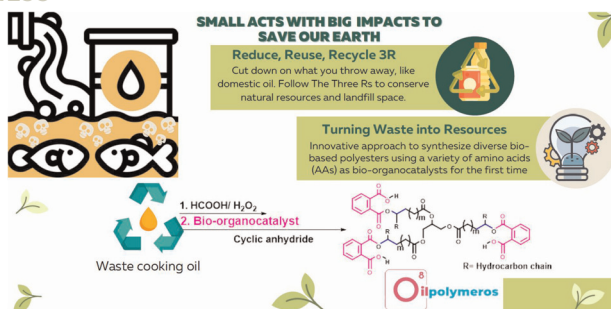
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Structure and isomerization behavior relationships of new push–pull azo-pyrrole photoswitches

D. Gallardo-Rosas, J. M. Guevara-Vela, T. Rocha-Rinza, R. A. Toscano, J. G. López-Cortés and M. C. Ortega-Alfaro*

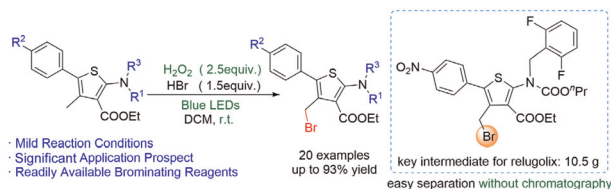
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Amino acids as bio-organocatalysts in ring-opening copolymerization for eco-friendly synthesis of biobased oligomers from vegetable oils

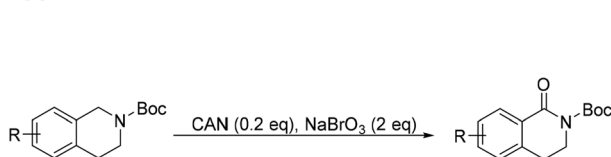
Francisca Werlinger, Monserrat Beroiza-Duhart, Oscar A. Douglas-Gallardo, Silvia Oyarzo-Aro, Maria Luisa Valenzuela, Oleksandra S. Trofymchuk,* Mario E. Flores* and Javier Martínez*

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Visible-light-induced C(sp³)–H bromination of 4-methylthiophene derivatives with HBr/H₂O₂

Wenbo Song, Ming Ma, Wenjing Zhang, Ranran Feng, Congcong Lu, Hong-Yu Zhang,* Yuecheng Zhang* and Jiquan Zhao

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Efficient and scalable synthesis of 3,4-dihydroisoquinolin-1(2H)-ones by benzylic oxidation of tetrahydroisoquinoline derivatives using cerium ammonium nitrate (CAN)

Jiajun Luo, Zhilong Li, Jiaxin He, Tong Li, Daochen Wu, Yang Lai and Haiying Sun*

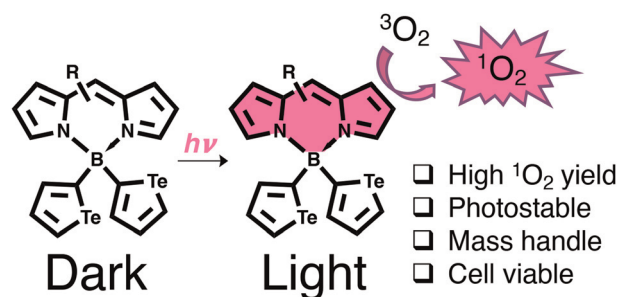


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A series of potent BODIPY photosensitisers featuring tellurophene motifs at boron

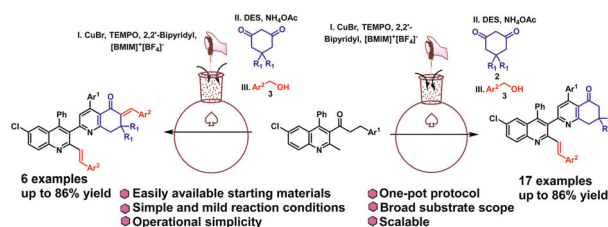
Jacob W. Campbell, Matthew T. Tung, Breanna B. Taylor, Andrew A. Beharry* and Alison Thompson*



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Copper-catalyzed dehydrogenative cyclization/alkenylation towards dihydroquinolinones

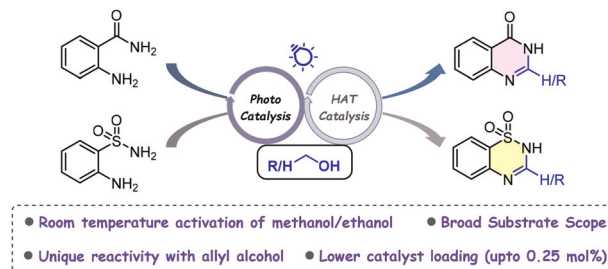
Keerthana Pari and Nawaz Khan Fazlur-Rahman*



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Visible light-mediated synthesis of quinazolinones and benzothiadiazine-1,1-dioxides utilizing aliphatic alcohols

Saloni Kumari, Souvik Roy, Pragya Arora and Sabuj Kundu*



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Polyketides with α -glucosidase inhibitory and neuroprotective activities from *Aspergillus versicolor* associated with *Pedicularis sylvatica*

Ting-Ting Jiang, Liang-Liang Zhai, Zi-Jue Wang, Xin-Yu Wang, Jian-Nan Li, Yi-Jie Zhai, Ding Li and Wen-Bo Han*

