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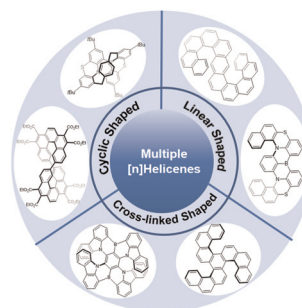
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REVIEWS

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Recent advances in the synthesis of multiple helicenes

Zhen Chen, Wei-Chen Guo and Chuan-Feng Chen*

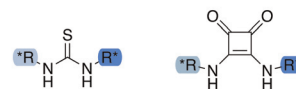


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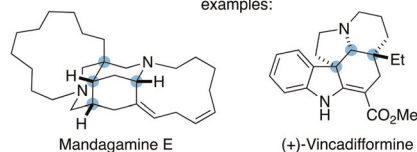
Thiourea and squaramide organocatalysts for the asymmetric total synthesis of natural compounds

Márcia Rénio and M. Rita Ventura*

Chiral thiourea and squaramide organocatalysts



For the asymmetric total synthesis of natural compounds examples:



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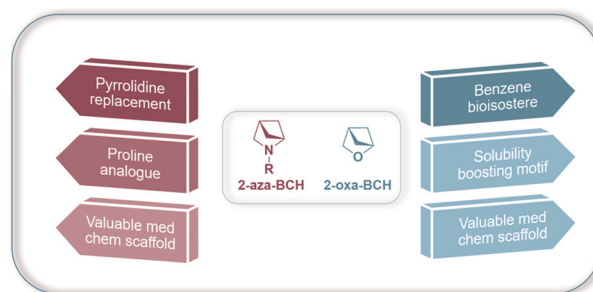
Fundamental questions
Elemental answers

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Building bridges from flatland: synthetic approaches and applications of 2-aza- and 2-oxa-bicyclo[2.1.1]hexanes

David M. Whalley,* Olivier Lorthioir,* Susannah C. Coote and Niall A. Anderson

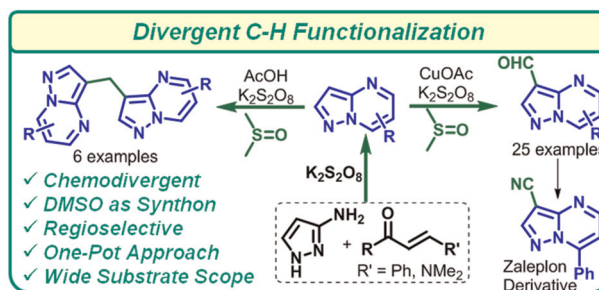


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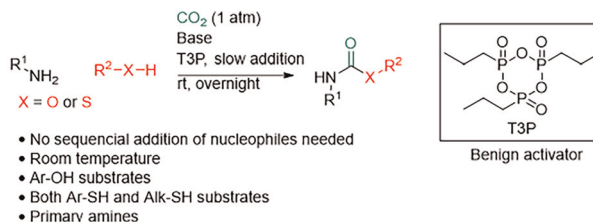
Papiya Sikdar, Sourav Das, Sheetal Saini, Sanghapal D. Sawant and Avik Kumar Bagdi*



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Synthesis of linear *O*-aryl carbamates and *S*-thiocarbamates via benign T3P-mediated condensation of phenols and thiols with amines and carbon dioxide

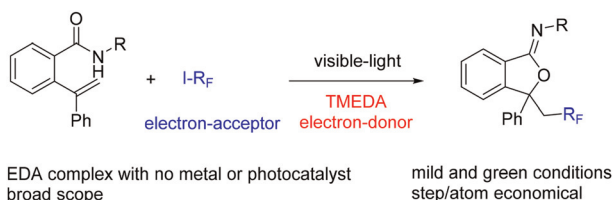
Jukka Puumi, Jere K. Mannisto and Timo Repo*



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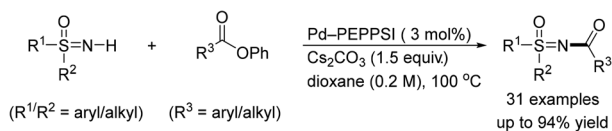
A visible-light-promoted perfluoroalkylation/cyclization cascade towards perfluoroalkyl-substituted iminoisobenzofurans using the EDA complex

Zilin Liu, Shuo Gao, Mingxi Hu, Zhen-Hua Zhang,* Pifeng Wei* and Mengmeng Zhao*



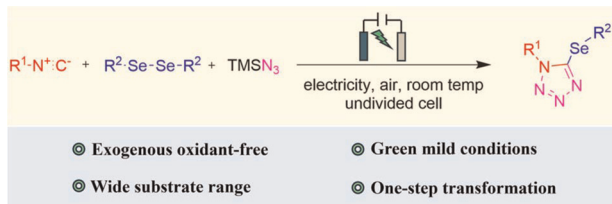
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**Pd-NHC-catalyzed *N*-acylation of sulfoximines with aromatic esters**

Yuanfang Zhong* and Linjie Yang

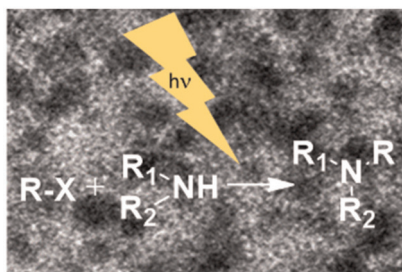
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**The direct synthesis of 5-selenotetrazoles *via* an electrochemical three-component reaction between isonitriles, diselenides and TMSN₃**

Ruizong Wang, Bin Song, Feng Zhao, Pengxiang Gao, Bingcheng Hu* and Chong Zhang*

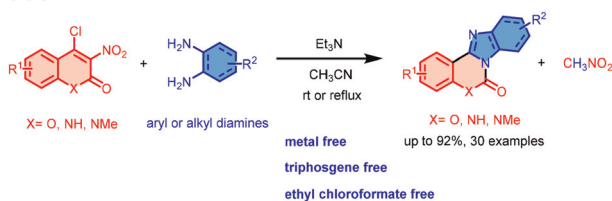
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**Visible light driven C–N cross-coupling reactions catalysed by a conjugated polymer network**

Anshuman, Raj Laxmi, Renu Mishra and Biplab K. Kuila*

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**A nitromethane extrusion reaction for the synthesis of polycyclic benzimidazoheterocycles**

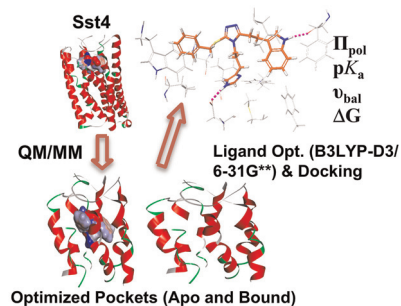
Pin-Hui Lin, Kesavan Stalindurai, Si-Yuan Chen, Teau-Jiuan Liou* and Ding-Yah Yang*



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Elucidating structural and molecular requirements of somatostatin subtype-4 agonist bound complexes using quantum mechanics approaches

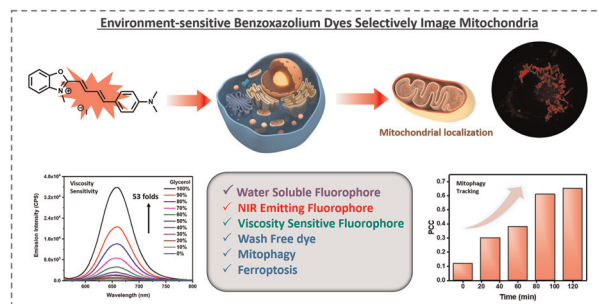
Olivia Slater and Maria Kontoyianni*



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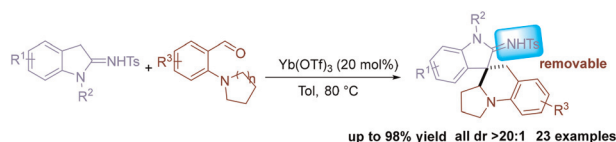
Vijay Sai Krishna Cheerala, Shabnam Mansuri, Prateek Sarkar, Deeksha Rajput and Sriram Kanvah*



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Diastereoselective construction of structurally diverse polycyclic spiroindolenines via Yb(OTf)₃-catalyzed cascade [1,5]-hydride transfer/cyclization

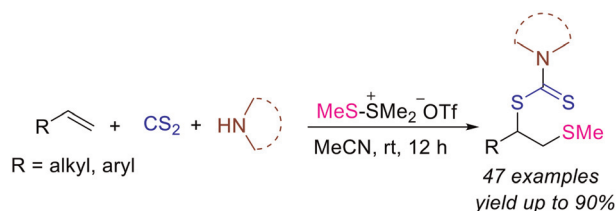
Song Hu, Dan Hu, Jianming Xu, Jian Wang, Heng Yin, Ying Xie, Yulong Li* and Chenyi Li*



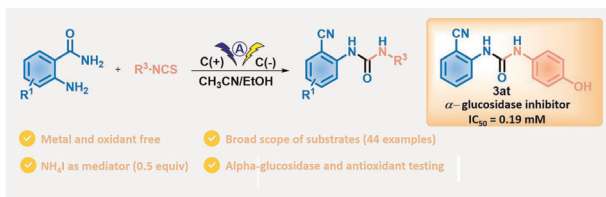
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Dimethyl(methylthio)sulfonium salt triggered dithiocarbamation of alkenes with CS₂ and amines

Sha Peng, Cheng-Mei Qi,* Li-Mei Duan, Ding Luo, Lu-Can Cheng, Si-Si Tian, Li-Hua Yang* and Long-Yong Xie*



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A mild synthesis of *o*-ureidobenzonitrile derivatives via iodide-mediated electrolysis from 2-aminobenzamides

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Gold-catalyzed umpolung Sonogashira-type coupling of boronic acids with alkynyl iodine(III) reagents

Dan Xiao, Huanjun Zhang, Junxiao Huo, Qin Zhou, Chunyu Han* and Jinhua Yang*

