

Organic & Biomolecular Chemistry

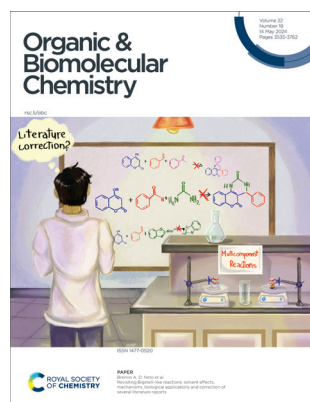
An international journal of synthetic, physical and biomolecular organic chemistry

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See Brenno A. D. Neto *et al.*, pp. 3630–3651.

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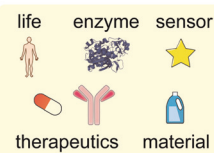
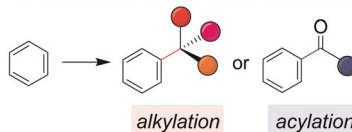
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Friedel–Crafts reactions for biomolecular chemistry

Jun Ohata

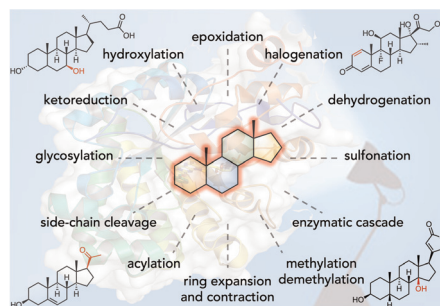
Biomolecular Friedel–Crafts Reactions



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Recent developments in the enzymatic modifications of steroid scaffolds

Huibin Wang and Ikuro Abe*



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Fundamental questions
Elemental answers

COMMUNICATIONS

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Synthesis of Asp-based lactam cyclic peptides using an amide-bonded diaminodiacid to prevent aspartimide formation

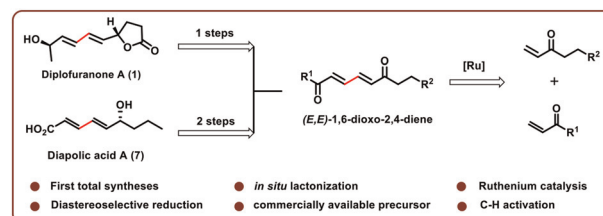
Wen-Jie Li, Jun-You Chen, Hui-Xia Zhu, Yi-Ming Li and Yang Xu*



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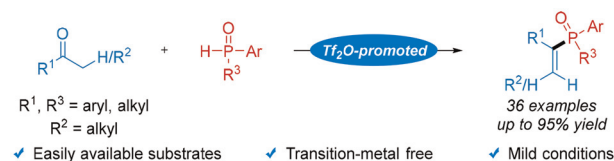
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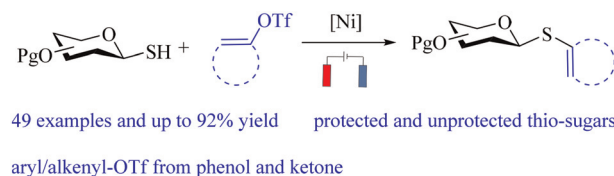
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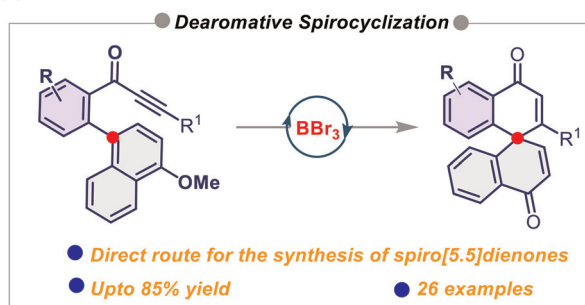
Electrochemical nickel-catalyzed cross-coupling of glycosyl thiols with preactivated phenols and ketones

Fuxin Li, Hui Liu, Wanyu Xing, Qingju Zhang* and Liming Wang*



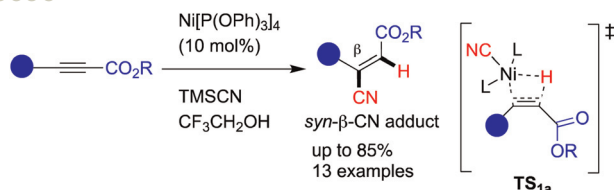
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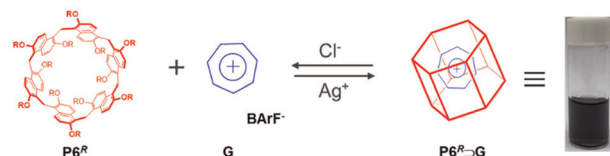
Gaurav Jaiswal and Subhas Chandra Pan*

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**Nickel-catalysed regio- and stereoselective hydrocyanation of alkynoates and its mechanistic insights proposed by DFT calculations**

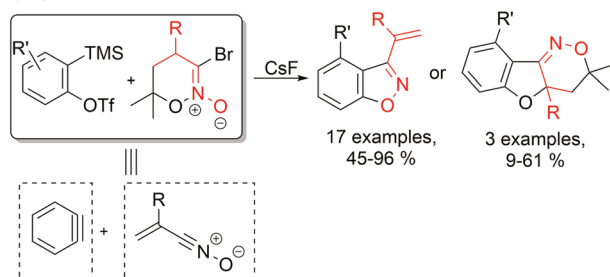
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Alexander A. Lukoyanov, Svetlana A. Aksenova, Andrey A. Tabolin* and Alexey Yu. Sukhorukov

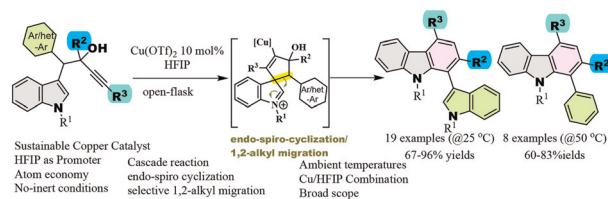


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Revisiting Biginelli-like reactions: solvent effects, mechanisms, biological applications and correction of several literature reports

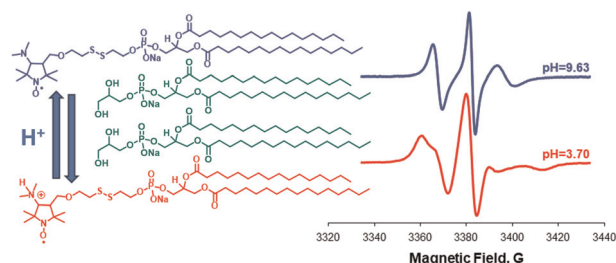
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Measuring local pH at interfaces from molecular tumbling: A concept for designing EPR-active pH-sensitive labels and probes

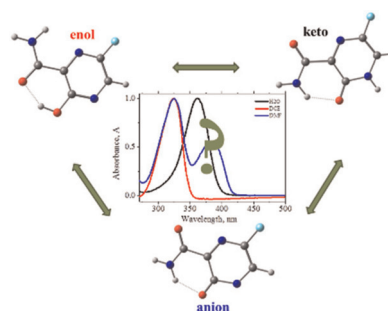
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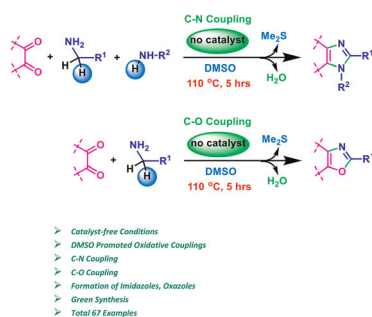
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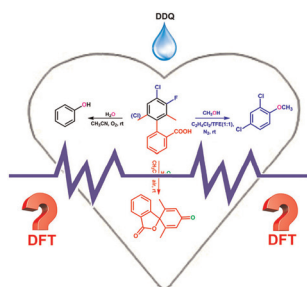
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DMSO promoted catalyst-free oxidative C–N/C–O couplings towards synthesis of imidazoles and oxazoles

Debasish Bera, Rajib Sarkar, Tiyasa Dhar, Pinaki Saha, Prasanta Ghosh and Chhanda Mukhopadhyay*

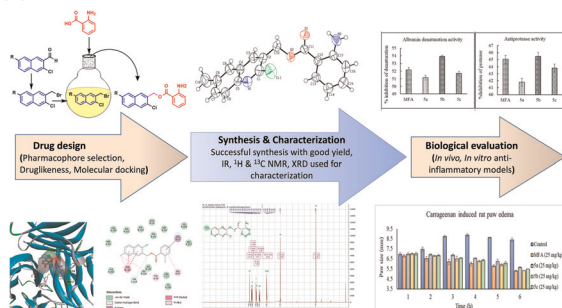
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DFT investigation of the DDQ-catalytic mechanism for constructing C–O bonds

Xiu-Fang Zheng, Da-Gang Zhou* and Li-Jun Yang*

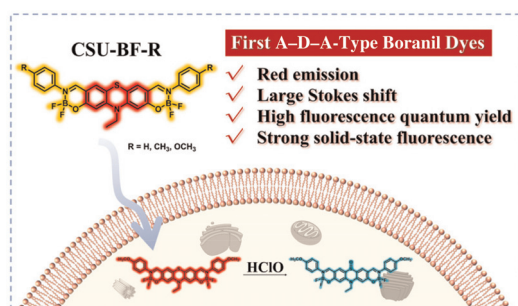
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Design, synthesis, biological evaluation and molecular docking studies of quinoline-anthranilic acid hybrids as potent anti-inflammatory drugs

Sidra Siddique, Khalid Hussain,* Naureen Shehzadi, Muhammad Arshad,* Muhammad Nadeem Arshad, Sadaf Iftikhar, Farhat Saghir, Ayisha Shaukat, Muhammad Sarfraz and Nisar Ahmed*

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Design, synthesis, and biological application of A–D–A-type boranil fluorescent dyes

Wei Luo, Yiling Li, Liang Wang, Yanhua Qin, Qiao Cheng, Guochang Hu,* Chaoyi Yao* and Xiangzhi Song*

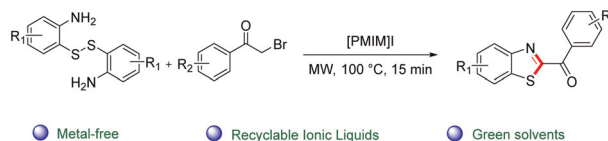


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Sustainable preparation of 2-acylbenzothiazoles under the cooperation of ionic liquids and microwave irradiation

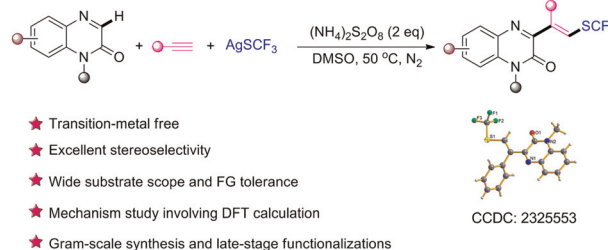
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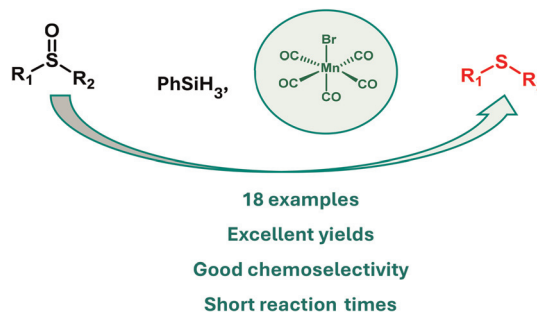
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Reduction of sulfoxides catalyzed by the commercially available manganese complex MnBr(CO)₅

Daniel L. Lourenço and Ana C. Fernandes*



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Electro-oxidative three-component cascade coupling of isocyanides with elemental sulfur and amines for the synthesis of 2-aminobenzothiazoles

Peng-Fei Huang,* Jia-Le Fu, Ying Peng, Jian-Hong Fan, Long-Jin Zhong, Ke-Wen Tang and Yu Liu*

