

Organic & Biomolecular Chemistry

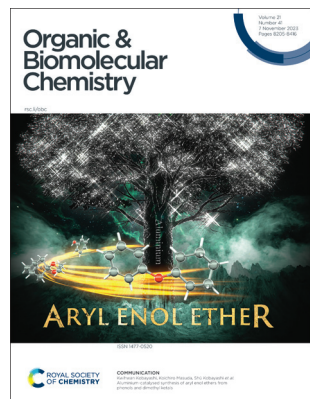
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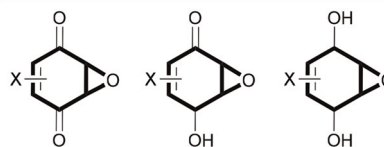
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Natural epoxyquinoids: isolation, biological activity and synthesis. An update

Vitaly A. Shcherbinin, Ekaterina R. Nasibullina,
Elena Y. Mendogralo and Maxim G. Uchuskin*

Epoxyquinone Epoxyquinol Epoxyhydroquinone
Natural Products

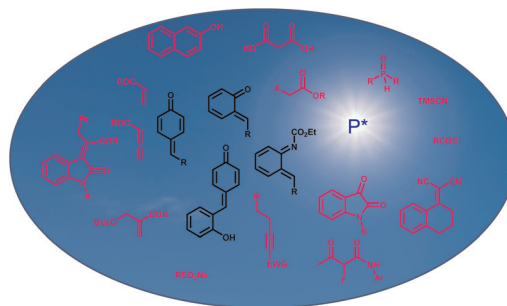


• Isolation • Biological activity • Total synthesis
2017 - 2022

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Phosphine-catalysed transformations of *ortho*- and *para*-quinone methides

Aitor Maestro* and Mercedes Zurro*



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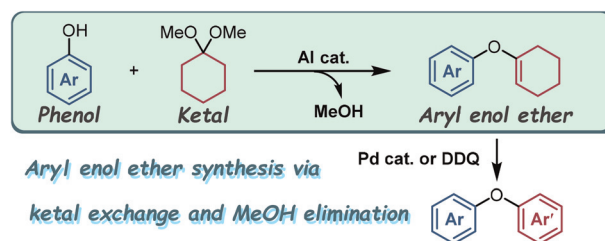


COMMUNICATIONS

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Aluminium-catalysed synthesis of aryl enol ethers from phenols and dimethyl ketals

Kwihwan Kobayashi,* Shingo Komatsuzaki, Shun-ya Onozawa, Koichiro Masuda* and Shū Kobayashi*



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Organocatalytic allylic alkylation of alkyne-substituted MBH carbonates: access to quaternary carbon-containing 1,4-enynes

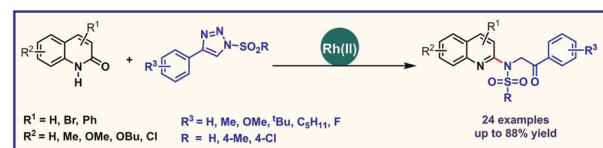
Yu Li, Mei Wang, Rongrong Ma, Rui Niu, Haodong Wang, Yantu Zhang and Jun-Bing Lin*



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Rhodium(II)-catalyzed synthesis of 2-aminoquinoline derivatives from 2-quinolones and *N*-sulfonyl-1,2,3-triazoles

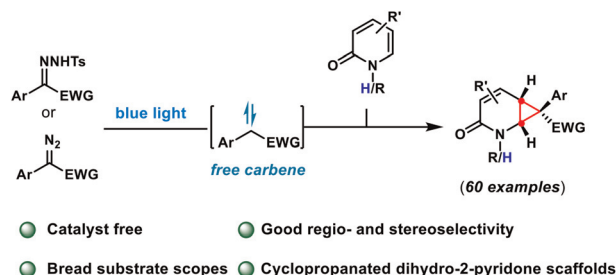
Nilesh M. Kahar, Pankaj P. Jadhav and Sudam G. Dawande*



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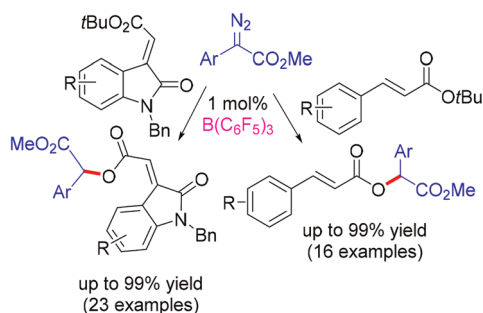
Regioselective [2 + 1] photocycloaddition of 2-pyridones with diazo compounds

Fengya He, Ziyi Sun, Chenyue Li, Zibin Jiang, Hui Miao,* Qinglin Li* and Chenggui Wu*



COMMUNICATIONS

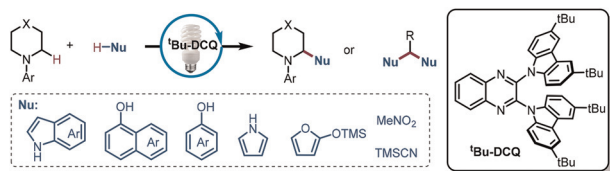
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Borane catalyzed transesterification of *tert*-butyl esters using α -aryl α -diazoesters

Maying Yan, Lei Xiao, Jiangkun Xiong, Lvnan Jin, Douglas W. Stephan* and Jing Guo*

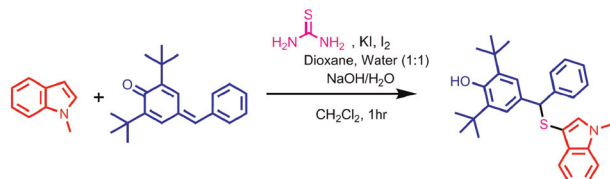
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Organic photoredox catalyzed $\text{C}(\text{sp}^3)\text{-H}$ functionalization of saturated aza-heterocycles via a cross-dehydrogenative coupling reaction

Yi-Fan Zhang, Han-Nan Chen, Yi Xiao, Zhencun Cui, Wei David Wang* and Guo-Qiang Xu*

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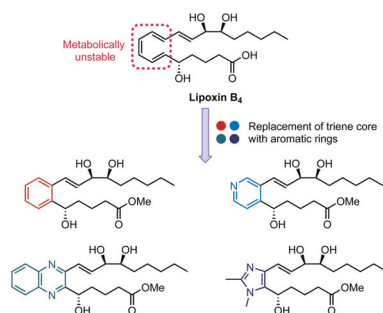


One-pot synthesis of thioethers from indoles and *p*-quinone methides using thiourea as a sulfur source

Pradeep Kumar, Deepanshi Saxena, Rahul Maitra, Sidharth Chopra and T. Narender*

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Benjamin Owen and Patrick J. Guiry*

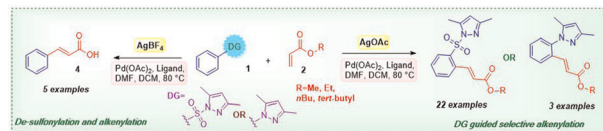


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Sulfonylpyrazole- and pyrazole-directed *ortho*-selective C–H functionalization/alkenylation and desulfonylative olefination of aryl(sulfonyl) pyrazoles

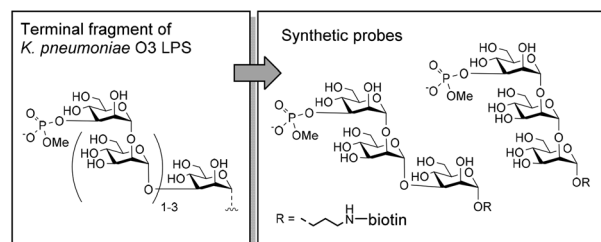
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Synthesis of methylphosphorylated oligomannosides structurally related to lipopolysaccharide O-antigens of *Klebsiella pneumoniae* serotype O3 and their application for detection of specific antibodies in rabbit and human sera

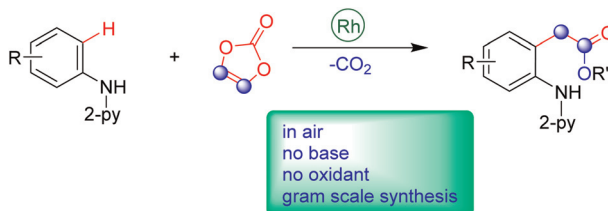
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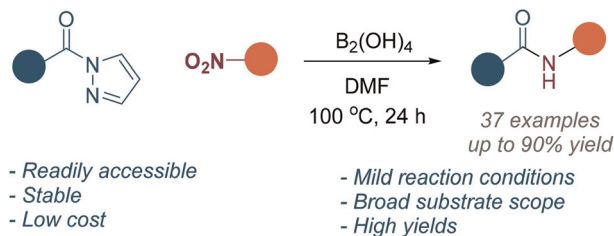
Qiong Liu, Zhaolong Ma, Jing Zhang and Xu-Qin Li*



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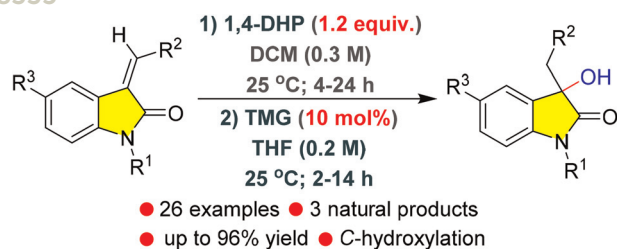
Reductive cross-coupling of *N*-acyl pyrazole and nitroarene using tetrahydroxydiboron: synthesis of secondary amides

Hayeon Moon and Sunwoo Lee*



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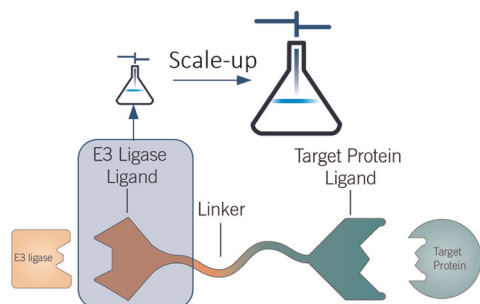
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Direct organocatalytic transfer hydrogenation and C–H oxidation: high-yielding synthesis of 3-hydroxy-3-alkyloxindoles

Pritam Roy, S. Rehana Anjum, Shyam D. Sanwal and Dhevalapally B. Ramachary*

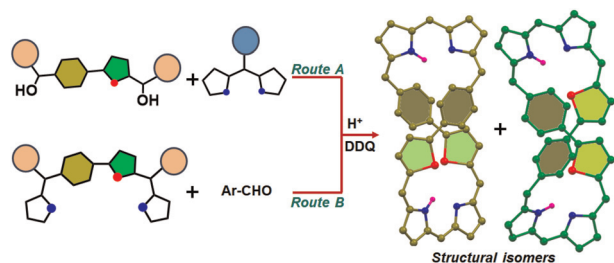
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Efficient, multi-hundred-gram scale access to E3 ubiquitin ligase ligands for degrader development

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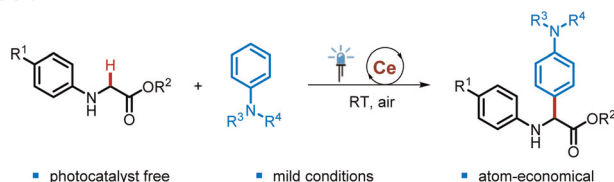
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Structural isomers of di-*p*-benzidithiaoctaphyrins

Vratta Grover and Mangalampalli Ravikanth*

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Visible-light induced C(sp³)–H arylation of glycine derivatives by cerium catalysis

Shutao Wang, Yanjie Ye, Hailong Shen, Jiyou Liu, Zhao Liu, Zhigen Jiang, Junqiang Lei and Yuan Zhang*

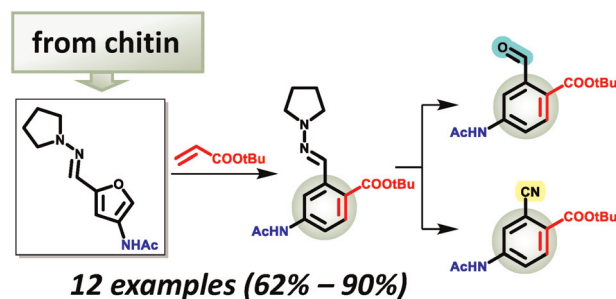


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Substituted anilides from chitin-based 3-acetamido-furfural

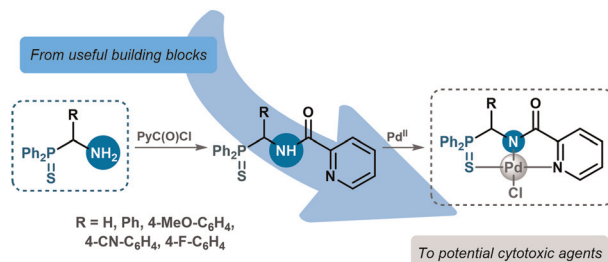
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(Aminoalkyl)diphenylphosphine sulfides: synthesis and application as building blocks in the design of multidentate ligands for cytotoxic Pd(II) complexes

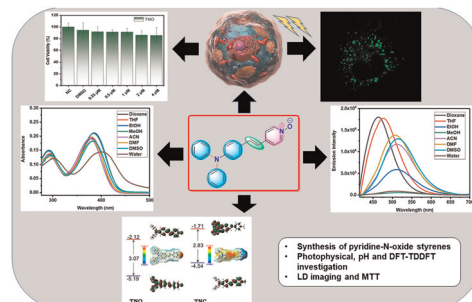
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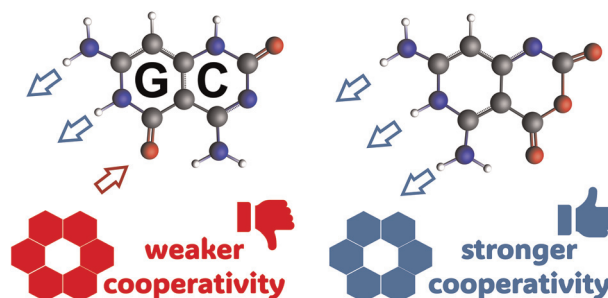
Yogesh Dubey, Paramasivam Mahalingavelar, Deeksha Rajput, Dipeshwari J. Shewale, Virupakshi Soppina* and Sriram Kanvah*



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Strengthened cooperativity of DNA-based cyclic hydrogen-bonded rosettes by subtle functionalization

David Almacellas, Célia Fonseca Guerra* and Jordi Poater*



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Expression of concern: A cascade process for directly converting nitriles (RCN) to cyanamides (RNHCN) via SO₂F₂-activated Tiemann rearrangement

Guofu Zhang, Yiyong Zhao and Chengrong Ding*

CORRECTION

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Correction: Rhodium(II)-catalyzed transannulation approach to *N*-fluoroalkylated indoles

Olga Bakhanovich, Blanka Klepetářová and Petr Beier*

