

Organic & Biomolecular Chemistry

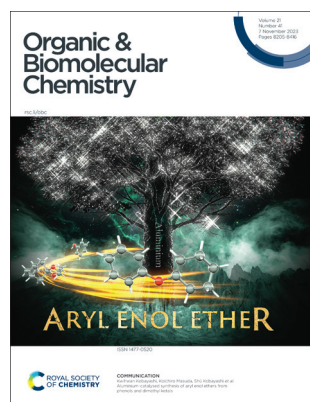
An international journal of synthetic, physical and biomolecular organic chemistry

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See Kwiwhan Kobayashi,
Koichiro Masuda,
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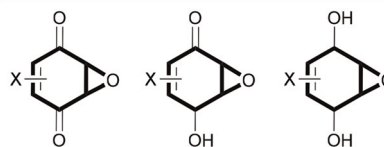
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Natural epoxyquinoids: isolation, biological activity and synthesis. An update

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

Epoxyquinone Epoxyquinol Epoxyhydroquinone Natural Products

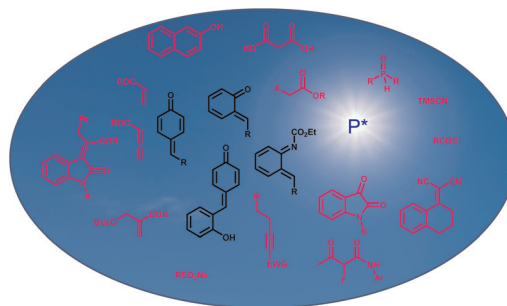


• Isolation • Biological activity • Total synthesis
2017 - 2022

8244

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

Aitor Maestro* and Mercedes Zurro*



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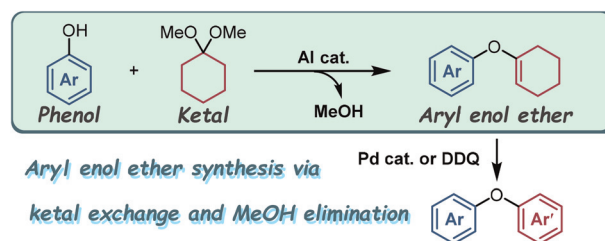


COMMUNICATIONS

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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

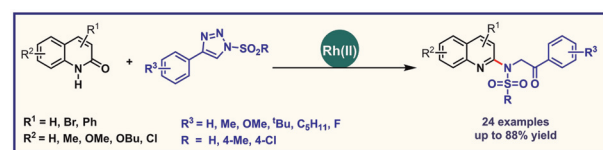
Yu Li, Mei Wang, Rongrong Ma, Rui Niu, Haodong Wang, Yantu Zhang and Jun-Bing Lin*



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

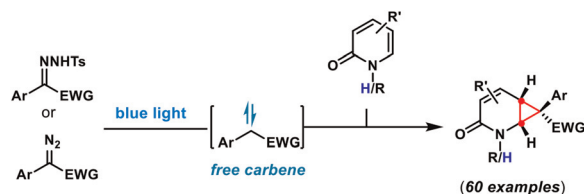
Nilesh M. Kahar, Pankaj P. Jadhav and Sudam G. Dawande*



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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*

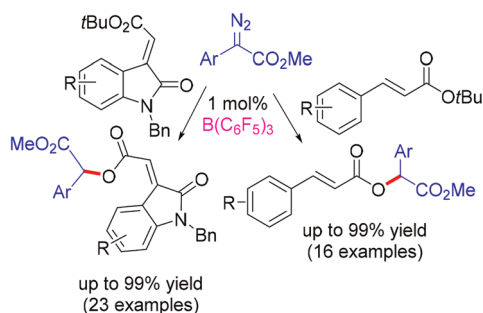


- Catalyst free
- Good regio- and stereoselectivity
- Broad substrate scopes
- Cyclopropanated dihydro-2-pyridone scaffolds



COMMUNICATIONS

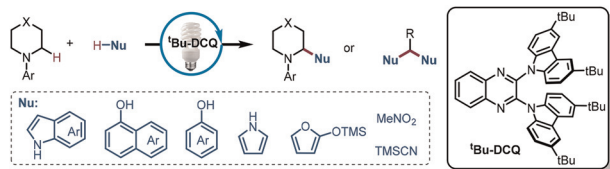
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Borane catalyzed transesterification of *tert*-butyl esters using α -aryl α -diazoesters

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

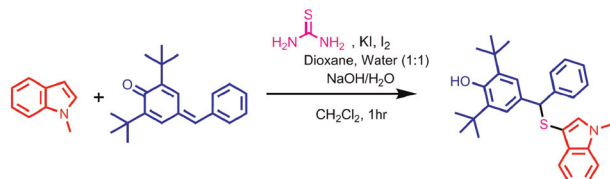
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Organic photoredox catalyzed C(sp³)-H functionalization of saturated aza-heterocycles *via* a cross-dehydrogenative coupling reaction

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

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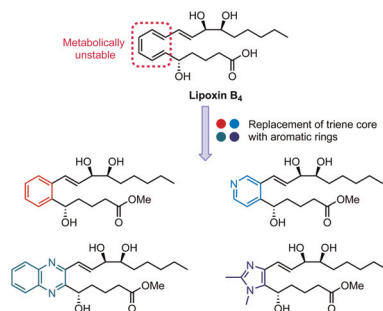


One-pot synthesis of thioethers from indoles and *p*-quinone methides using thiourea as a sulfur source

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

PAPERS

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A general synthesis of aromatic and heteroaromatic lipoxin B₄ analogues

Benjamin Owen and Patrick J. Guiry*

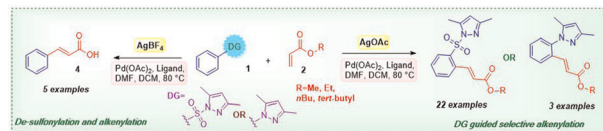


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Sulfonylpyrazole- and pyrazole-directed *ortho*-selective C–H functionalization/alkenylation and desulfonylative olefination of aryl(sulfonyl) pyrazoles

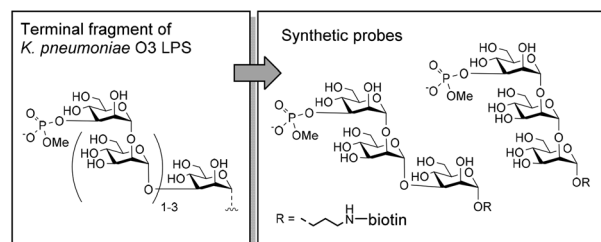
Mukhtar Ahmed, Shivangani Mahajan, Jaspreet Kour and Sanghapal D. Sawant*



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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

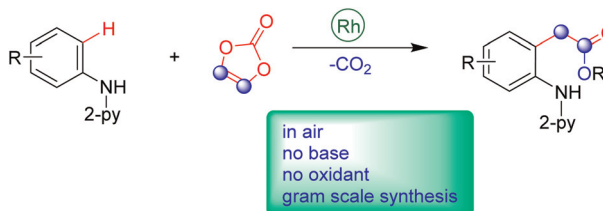
Arsenii S. Solovet, Evgeniya M. Denisova, Ekaterina A. Kurbatova, Olga Y. Kutsevalova, Liubov G. Boronina, Vladimir A. Ageevets, Sergey V. Sidorenko, Vadim B. Krylov* and Nikolay E. Nifantiev*



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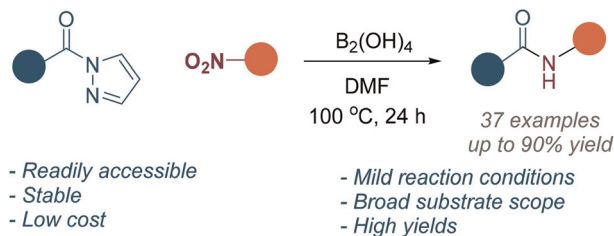
Qiong Liu, Zhaolong Ma, Jing Zhang and Xu-Qin Li*



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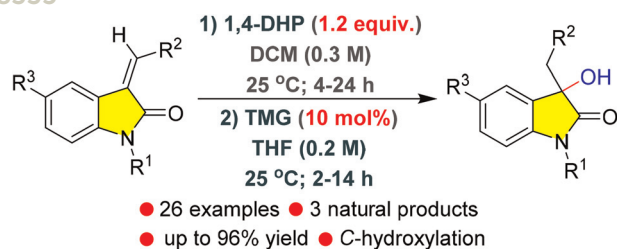
Reductive cross-coupling of *N*-acyl pyrazole and nitroarene using tetrahydroxydiboron: synthesis of secondary amides

Hayeon Moon and Sunwoo Lee*



PAPERS

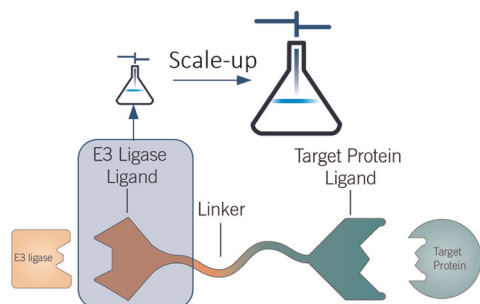
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Direct organocatalytic transfer hydrogenation and C–H oxidation: high-yielding synthesis of 3-hydroxy-3-alkyloxindoles

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

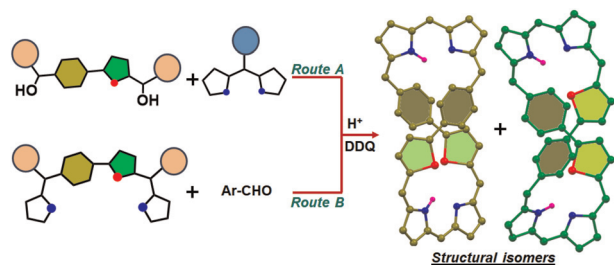
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Efficient, multi-hundred-gram scale access to E3 ubiquitin ligase ligands for degrader development

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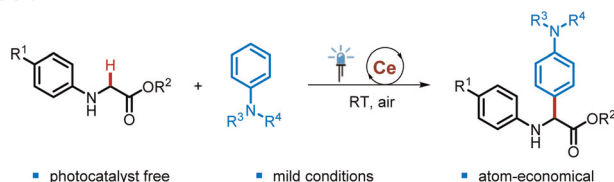
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Structural isomers of di-*p*-benzidithiaoctaphyrins

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*

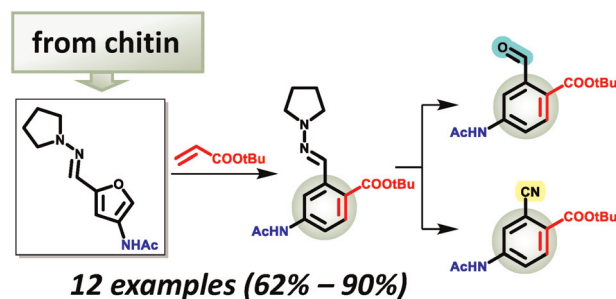


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Substituted anilides from chitin-based 3-acetamido-furfural

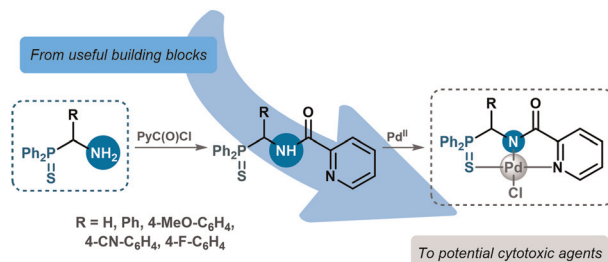
Cornelis H. M. van der Loo, J. P. Kaniraj, Ting Wang, J. O. P. Broekman, Mark L. G. Borst, Kees Pouwer, André Heeres, Peter J. Deuss and Adriaan J. Minnaard*



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

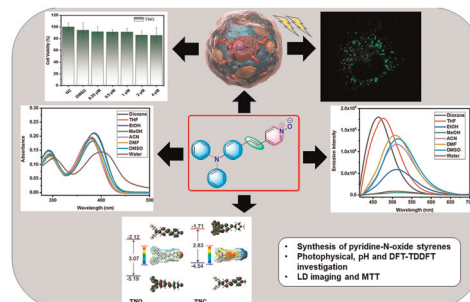
Aleksandr V. Kononov, Svetlana G. Churusova, Diana V. Aleksanyan,* Ekaterina Yu. Rybalkina, Svetlana A. Aksenova, Alexander S. Peregudov, Zinaida S. Klemenkova and Vladimir A. Kozlov



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Fluorescent styryl pyridine-*N*-oxide probes for imaging lipid droplets

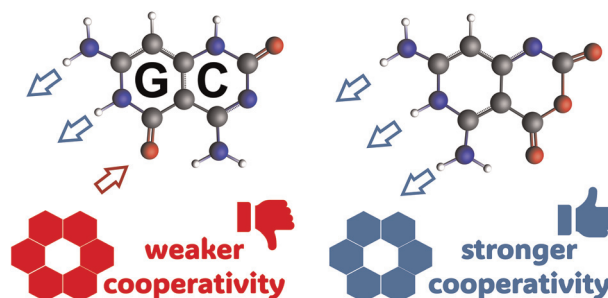
Yogesh Dubey, Paramasivam Mahalingavelar, Deeksha Rajput, Dipeshwari J. Shewale, Virupakshi Soppina* and Sriram Kanvah*



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

David Almacellas, Célia Fonseca Guerra* and Jordi Poater*



EXPRESSION OF CONCERN

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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*

