

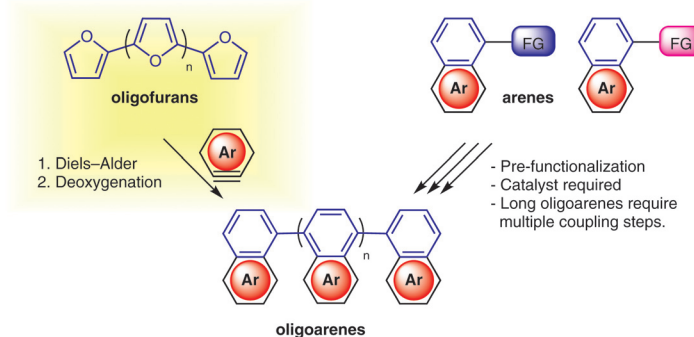
Synlett 2019, 30, 119–123  
DOI: 10.1055/s-0037-1610301

A. Bedi  
O. Gidron\*

The Hebrew University of Jerusalem, Israel

$\pi$ -conjugated backbone transformation

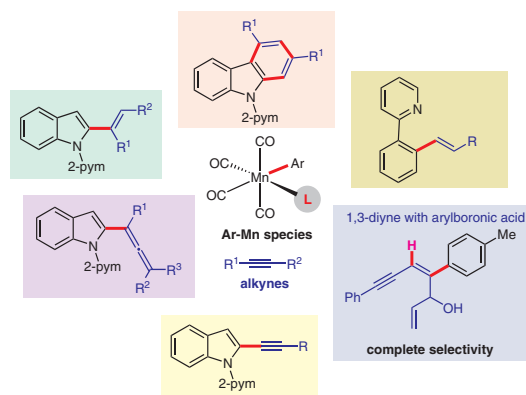
Ar–Ar coupling reactions



Synlett 2019, 30, 124–128  
DOI: 10.1055/s-0037-1610335

Z. Yan  
C. Zhu  
J. Xie\*

Nanjing University, P. R. of China



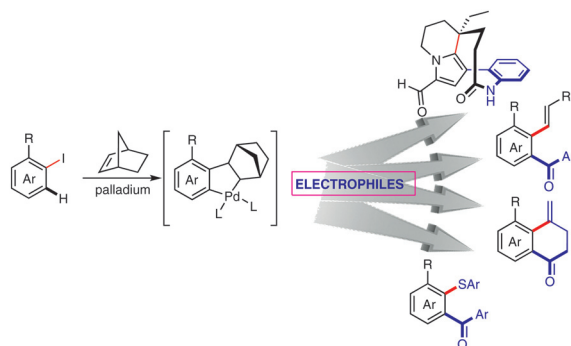
K. Zhao  
L. Ding  
Z. Gu\*

University of Science and Technology of China, Hefei, P. R. of China

Development of New Electrophiles in Palladium/Norbornene-Catalyzed *ortho*-Functionalization of Aryl Halides

Account

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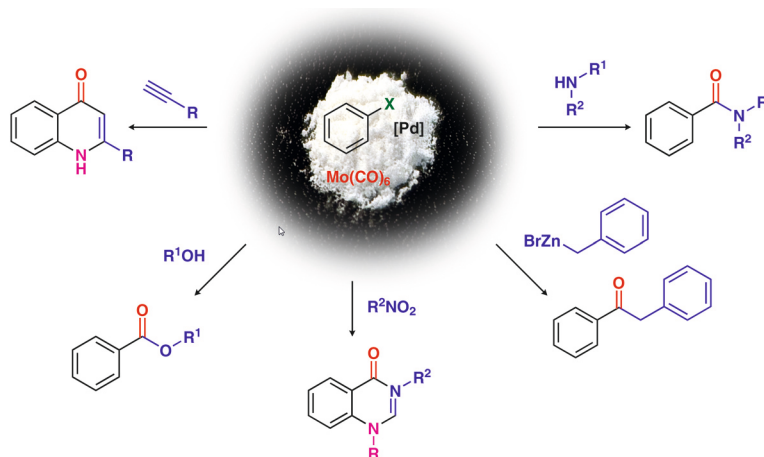
L. Åkerbladh  
L. R. Odell\*  
M. Larhed\*

Uppsala University, Sweden

## Palladium-Catalyzed Molybdenum Hexacarbonyl-Mediated Gas-Free Carbonylative Reactions

Account

141

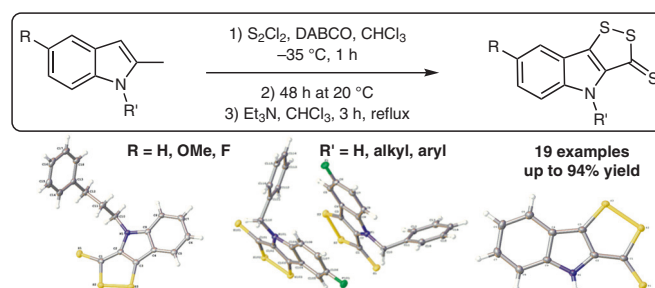
C. R. M. Asquith\*  
L. S. Konstantinova  
G. J. Tizzard  
T. Laitinen  
S. J. Coles  
O. A. Rakitin  
S. T. Hilton\*

University College London, UK

Exploration and Development of a C–H-Activated Route to Access the [1,2]Dithiolo[4,3-*b*]indole-3(4*H*)-thione Core and Related Derivatives

Letter

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## Synlett

Synlett 2019, 30, 161–166  
DOI: 10.1055/s-0037-1610352

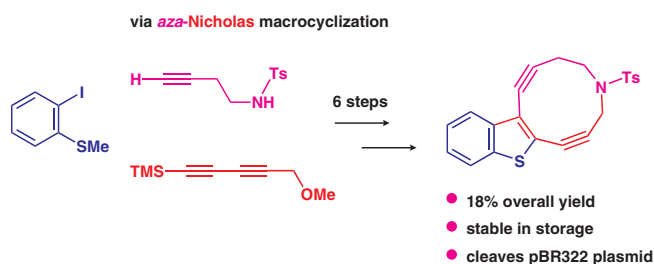
N. A. Danilkina  
A. M. Rumyantsev  
A. L. Lyapunova  
A. S. D'yachenko  
A. F. Khebnikov  
I. A. Balova\*

Saint Petersburg University  
(SPbSU), Russia

## 10-Membered Azaenediynes Fused to a Benzothiophene through the Nicholas Macrocyclization: Synthesis and DNA Cleavage Ability

Letter

161



## Synlett

Synlett 2019, 30, 167–172  
DOI: 10.1055/s-0037-1611940

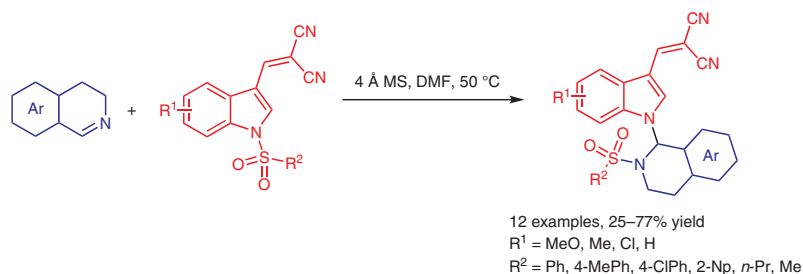
H.-L. Cui\*  
Y. Shi  
H.-Q. Deng  
J.-J. Lei  
X.-J. Xu  
X. Tian  
J. Qiao  
L. Zhou

Chongqing University of Arts  
and Sciences, P. R. of China

## Catalyst-Free Synthesis of Aminals from Indole-Derived $\alpha,\alpha$ -Dicyanoolefins

Letter

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## Synlett

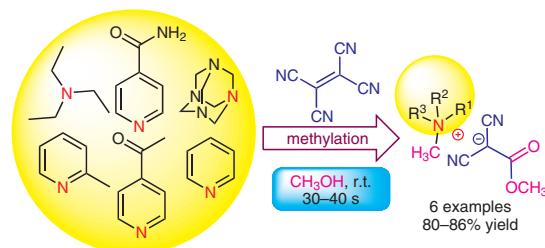
Synlett 2019, 30, 173–177  
DOI: 10.1055/s-0037-1610343

V. P. Sheverdov\*  
V. V. Davydova  
O. E. Nasakin  
M. A. Mar'yasov  
O. A. Lodochnikova  
Ulyanov Chuvash State University,  
Russia

## Ethene-1,1,2,2-tetracarbonitrile and Methanol in the Methylating Reaction of Tertiary Amines to the Quaternary Ammonium Compounds of 1,1-Dicyano-2-methoxy-2-oxoethane-1-ide

Letter

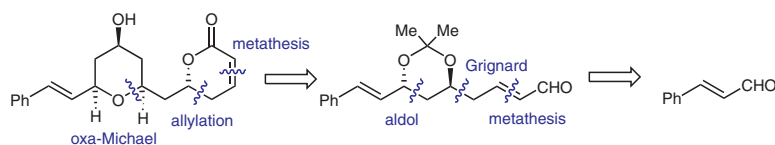
173



Synlett 2019, 30, 178–180  
DOI: 10.1055/s-0037-1609657

D. Csókás  
R. W. Bates\*

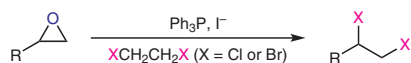
Nanyang Technological University, Singapore



Synlett 2019, 30, 181–184  
DOI: 10.1055/s-0037-1610308

J. Long  
J. Chen  
R. Li  
Z. Liu  
X. Xiao  
J.-H. Lin\*  
X. Zheng\*  
J.-C. Xiao\*

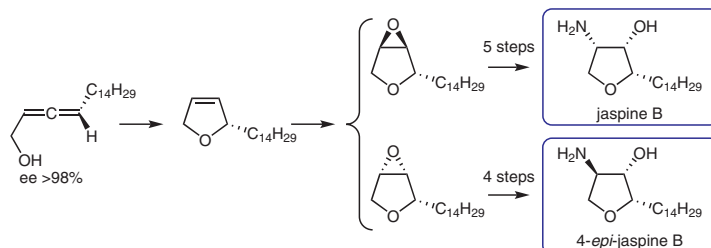
University of South China, P. R. of China  
University of Chinese Academy of Sciences, P. R. of China



Synlett 2019, 30, 185–188  
DOI: 10.1055/s-0037-1610344

H. Alnazer  
T. Castellan  
Y. Salma  
Y. Génisson  
S. Ballereau\*

CNRS-Université Paul Sabatier-Toulouse III, France

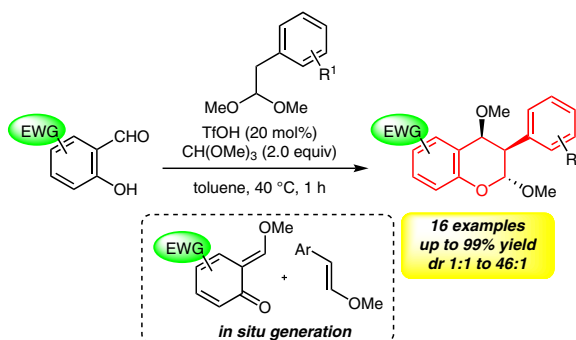


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Synlett 2019, 30, 189–192  
DOI: 10.1055/s-0037-1611361K. Tanaka  
M. Kishimoto  
N. Ohtsuka  
Y. Iwama  
H. Wada  
Y. Hoshino\*  
K. Honda\*Yokohama National University,  
JapanHighly Selective One-Pot Synthesis of Polysubstituted Isoflavanes using Styryl Ethers and Electron-Withdrawing *ortho*-Quinone Methides Generated In Situ

Letter

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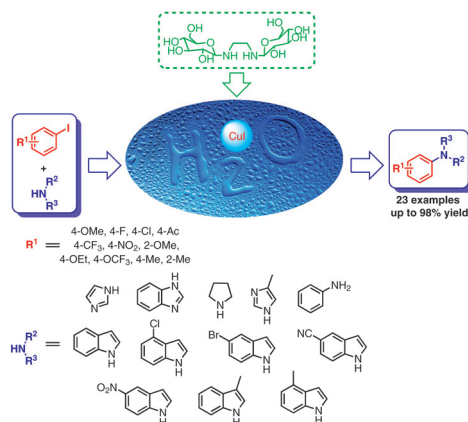
Synlett

Synlett 2019, 30, 193–198  
DOI: 10.1055/s-0037-1611695G. Zhou  
W. Chen  
S. Zhang  
X. Liu  
Z. Yang  
X. Ge\*  
H.-J. Fan\*Jiangnan University,  
P. R. of China  
Prairie View A&M University,  
USA

## A Newly Designed Carbohydrate-Derived Alkylamine Promotes Ullmann Type C–N Coupling Catalyzed by Copper in Water

Letter

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Synlett

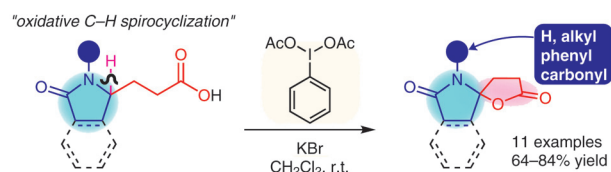
Synlett 2019, 30, 199–202  
DOI: 10.1055/s-0037-1611941T. Sengoku  
Y. Nagai  
T. Inuzuka  
H. Yoda\*

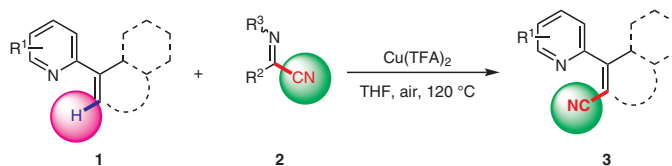
Shizuoka University, Japan

New Synthetic Methodology Toward Azaspiro- $\gamma$ -Lactones by Oxidative C–H Spirocyclization

Letter

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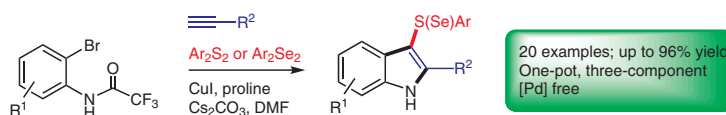
Z.-B. Chen  
Q.-Q. Gao  
K. Liu  
Y.-M. Zhu\*Soochow University,  
P. R. of ChinaCopper-Catalyzed C–H Stereoselective Cyanation of Alkenes by Using an  $\alpha$ -Iminonitrile as a Cyanating Reagent

The first Cu-catalyzed alkenes C–H bond cyanation  
Cu(II)-promoted C–CN bond cleavage

16 Examples; up to 87% yield  
High regioselectivity  
Operational simplicity

R. Gou  
Y. Zhang  
S.-w. Wu  
F. Liu\*Shanghai Institute of Technology,  
P. R. of China

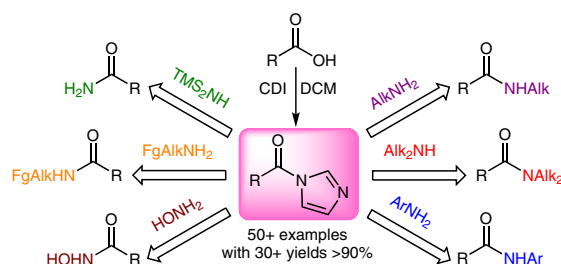
## Synthesis of Polysubstituted 3-Chalcogenated Indoles through Copper(I) Iodide-Catalyzed Three-Component Domino Reactions



20 examples; up to 96% yield  
One-pot, three-component  
[Pd] free

S. J. R. Johansson  
T. Johannessen  
C. F. Ellefsen  
M. S. Ristun  
S. Antonsen  
T. V. Hansen  
Y. Stenstrøm  
J. M. Nolsøe\*Norwegian University of Life Science,  
Norway

## A Convenient Protocol for the Synthesis of Fatty Acid Amides



**Synlett**

Synlett 2019, 30, 218–224  
DOI: 10.1055/s-0037-1610678

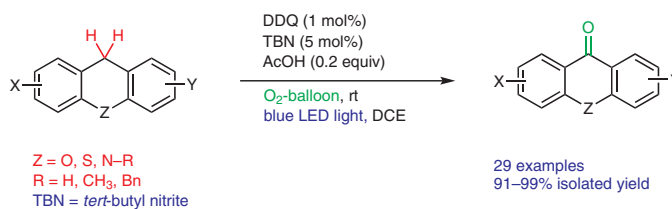
**D. Pan**  
**Y. Wang**  
**M. Li**  
**X. Hu**  
**N. Sun**  
**L. Jin**  
**B. Hu**  
**Z. Shen\***

Zhejiang University of Technology,  
P. R. of China

**Visible-Light-Induced Aerobic Oxidation of Benzylic C(sp<sup>3</sup>)-H of Alkylarenes Promoted by DDQ, *tert*-Butyl Nitrite, and Acetic Acid**

**Letter**

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**Synlett**

Synlett 2019, 30, 225–229  
DOI: 10.1055/s-0037-1610679

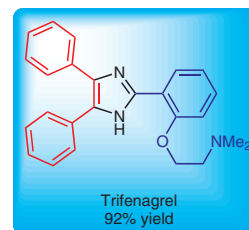
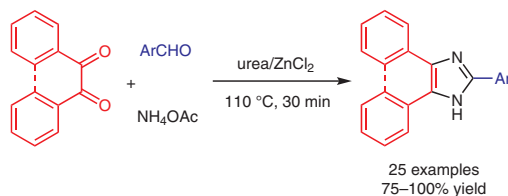
**N. L. Higuera**  
**D. Peña-Solórzano**  
**C. Ochoa-Puentes\***

Universidad Nacional de Colombia–Sede Bogotá, Colombia

**Urea–Zinc Chloride Eutectic Mixture-Mediated One-Pot Synthesis of Imidazoles: Efficient and Ecofriendly Access to Trifenagrel**

**Letter**

**225**



Low cost and easy preparation of the deep eutectic solvent (DES)

Reusability of DES up to 4 cycles

Easy reaction setup and workup

**Synlett**

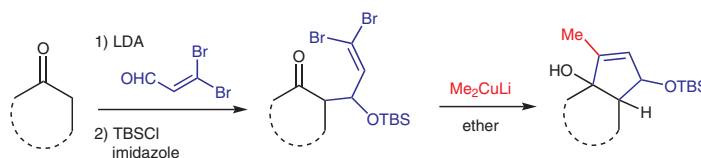
Synlett 2019, 30, 230–234  
DOI: 10.1055/s-0037-1611366

**H. Yamaga**  
**K. Tanino\***  
Hokkaido University, Japan

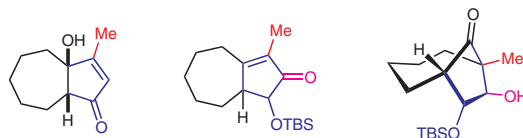
**Synthesis of Substituted Cyclopentenol Derivatives via Intramolecular Addition Reaction of Vinylcopper Species**

**Letter**

**230**



applicable to a wide range of ketones (11 examples)  
further transformation into cyclopentanone derivatives (vide infra)



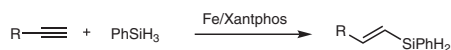
Z.-K. Liu  
G.-L. Zhang  
D.-C. Li  
Y. Yang  
L. Chen  
Z.-P. Zhan\*

Xiamen University, P. R. of China

## Iron-Catalyzed Synthesis of (*E*)- $\beta$ -Vinylsilanes via a Regio- and Stereoselective Hydrosilylation from Terminal Alkynes

Letter

235



- Highly selective
  - Commercially available
  - Easy to handle
- 17 examples  
45–89% yield  
R = aryl or alkyl groups

F. Chen  
Z. Chang  
C. Paidamoyo  
X. Zeng  
Y. Wang  
X. Han\*

Zhejiang University of Science and Technology, P. R. of China

## Enantioselective Synthesis of Tertiary Trifluoromethyl Carbinols by Vinylogous Aldol Reaction of 3-Methylcyclohex-2-en-1-one with (Het)aryl Trifluoromethyl Ketones

Letter

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