

## Synlett

Synlett 2018, 29, 2081–2086  
DOI: 10.1055/s-0037-1610161

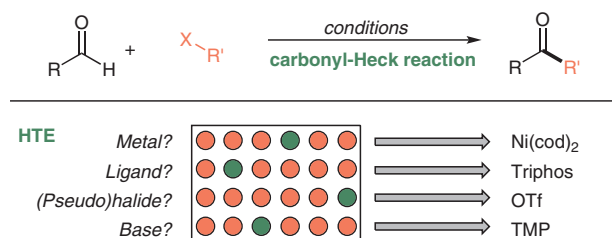
J. K. Vandavasi  
S. G. Newman\*

University of Ottawa, Canada

## A High-Throughput Approach to Discovery: Heck-Type Reactivity with Aldehydes

Synfacts

2081



## Synlett

Synlett 2018, 29, 2087–2092  
DOI: 10.1055/s-0037-1610025

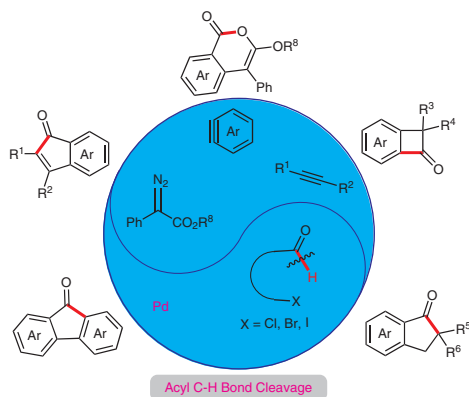
G. Chen\*  
Y. Yu  
X. Huang\*

Dongguan University of Technol-  
ogy, P. R. of China  
Fujian Institute of Research on  
the Structure of Matter,  
P. R. of China

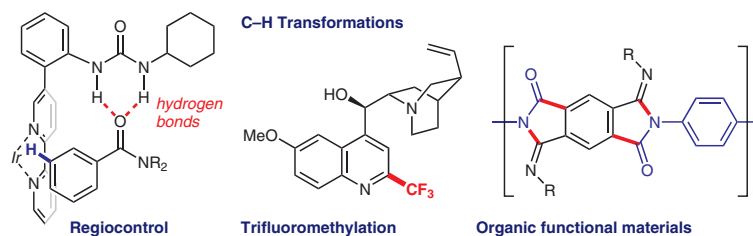
## Palladium-Catalyzed Annulation via Acyl C–H Bond Activation

Synfacts

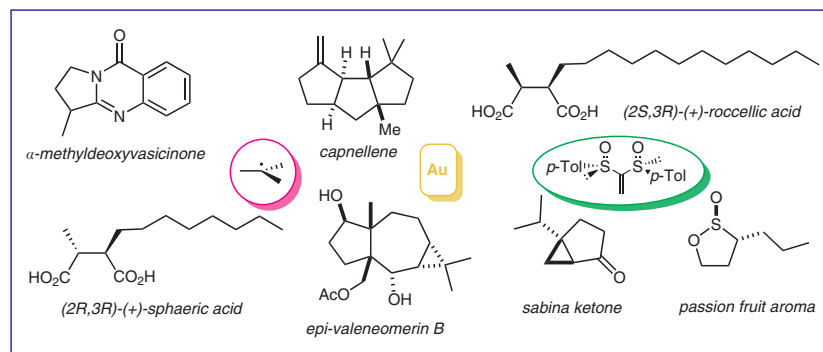
2087



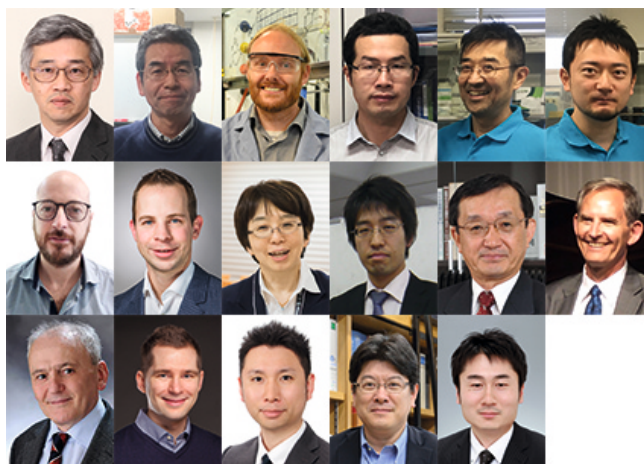
## Development of Novel C–H Bond Transformations and Their Application to the Synthesis of Organic Functional Molecules



## The Invention of New Methodologies: An Opportunity for Dating Natural Products



## Cover Page: Atropisomerism – In Memoriam Kurt Mislow



Synlett 2018, 29, 2120–2121  
DOI: 10.1055/s-0037-1610998

J. S. Siegel\*

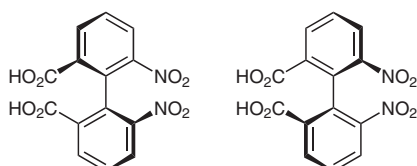
Tianjin University, P. R. of China



Synlett 2018, 29, 2122–2125  
DOI: 10.1055/s-0037-1610908

J. S. Siegel\*

Tianjin University, P. R. of China



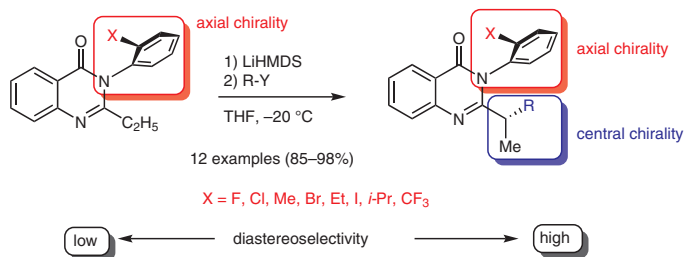
Synlett 2018, 29, 2126–2130  
DOI: 10.1055/s-0037-1610110

M. Matsuoka

A. Iida

O. Kitagawa\*

Shibaura Institute of Technology, Japan



## Synlett

Synlett 2018, 29, 2131–2136  
DOI: 10.1055/s-0037-1610207

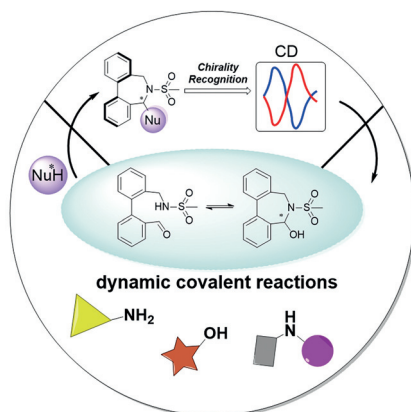
C. Ni  
M. Wang  
L. You\*

Fujian Institute of Research on  
the Structure of Matter, P. R. of  
China

# Dynamic Covalent Chemistry within Biphenyl Scaffolds: Effects from Endocyclic to Exocyclic Sulfonamides

Cluster

2131



## Synlett

Synlett 2018, 29, 2137–2140  
DOI: 10.1055/s-0037-1609869

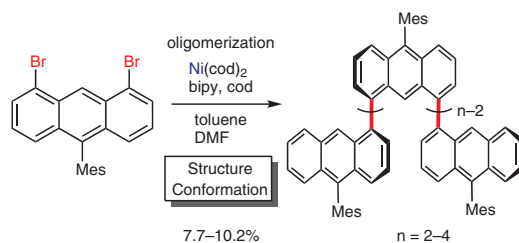
S. Toyota\*  
T. Saibara  
K. Fujise  
T. Oki  
T. Iwanaga

Tokyo Institute of Technology,  
Japan

# Synthesis and Conformational Analysis of 10-Mesitylanthracene-1,8-diyl Oligomers

Cluster

2137



## Synlett

Synlett 2018, 29, 2141–2146  
DOI: 10.1055/s-0037-1609868

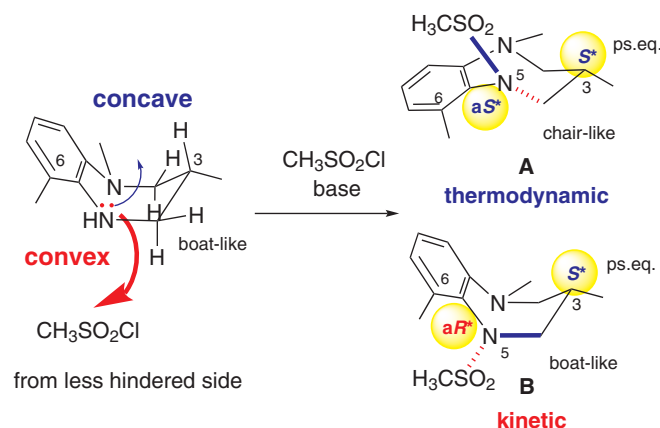
H. Tabata\*  
Y. Tsuji  
T. Yoneda  
T. Tasaka  
T. Oshitari  
H. Takahashi\*  
H. Natsugari\*

Teikyo University, Japan  
Affinity Science Corporation,  
Japan  
Tokyo University of Science,  
Japan

# Atropisomerism in the 2,3,4,5-Tetrahydro-1H-1,5-benzodiazepine Nucleus: Effects of Central Chirality at C3 on the N-Mesylation Reaction

Cluster

2141



## Synlett

Synlett 2018, 29, 2147–2154  
DOI: 10.1055/s-0037-1610190

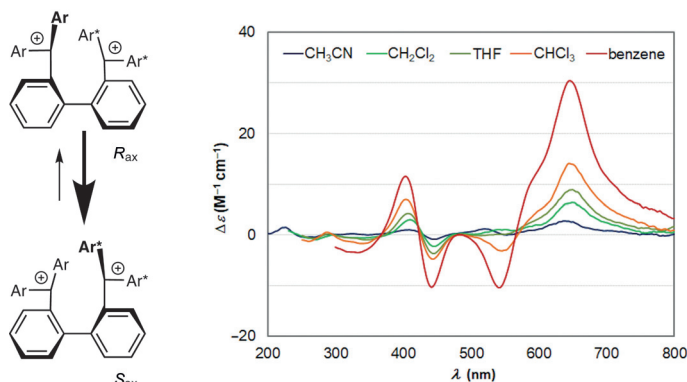
Y. Ishigaki  
T. Iwai  
Y. Hayashi  
A. Nagaki  
R. Katoono  
K. Fujiwara  
J.-i. Yoshida  
T. Suzuki\*

Hokkaido University, Japan

# Transmission of Point Chirality to Axial Chirality for Strong Circular Dichroism in Triarylmethylum-o,o-dimers

Cluster

2147



## Synlett

Synlett 2018, 29, 2155–2160  
DOI: 10.1055/s-0037-1609581

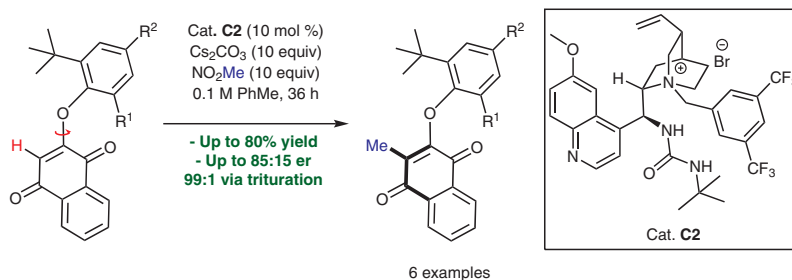
A. N. Dinh  
R. R. Noorbehesht  
S. T. Toenjes  
A. C. Jackson  
M. A. Saputra  
S. M. Maddox  
J. L. Gustafson\*

San Diego State University, USA

# Toward a Catalytic Atroposelective Synthesis of Diaryl Ethers Through C(sp<sup>2</sup>)–H Alkylation with Nitroalkanes

Cluster

2155



## Synlett

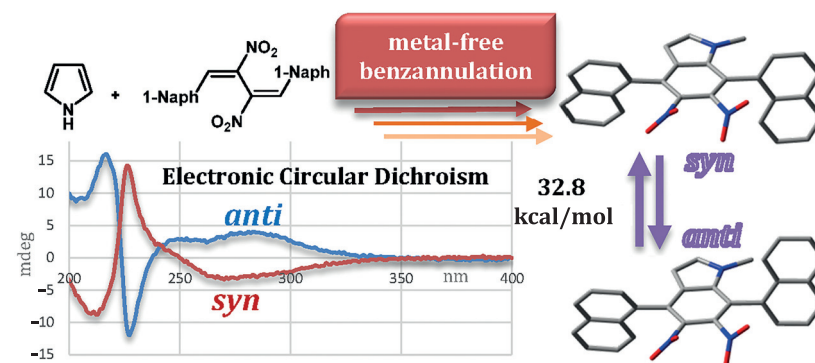
Synlett 2018, 29, 2161–2166  
DOI: 10.1055/s-0037-1609908

A. Pagano  
E. Marotta  
A. Mazzanti  
G. Petrillo\*  
C. Tavani  
M. Mancinelli\*  
University of Bologna, Italy  
University of Genova, Italy

# Stereodynamic Analysis of New Atropisomeric 4,7-Di(naphthalen-1-yl)-5,6-dinitro-1H-indoles

Cluster

2161

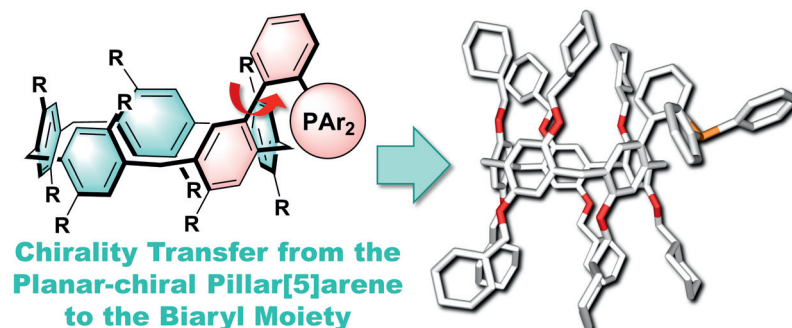


Y. Nagata\*  
Y. Shimada  
T. Nishikawa  
R. Takeda  
M. Uno  
T. Ogoshi\*  
M. Sugimoto\*Kyoto University, Japan  
Kanazawa University, Japan

## A Planar-Chiral Pillar[5]arene-Based Monophosphine Ligand with Induced Chirality at the Biaryl Axis

Cluster

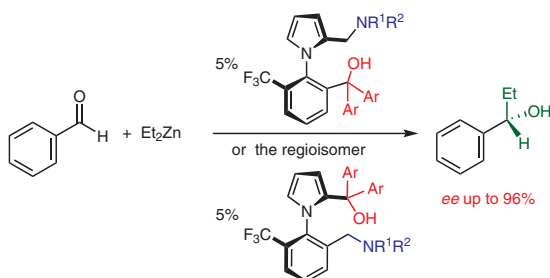
2167

B. Mátravölgyi  
S. Deák  
Z. Erdélyi  
T. Hergert  
P. Ábrányi-Balogh  
F. Faigl\*Budapest University of Technol-  
ogy and Economics, Hungary

## Effect of Regioisomerism on the Efficiency of 1-Phenylpyrrole-Type Atropisomeric Amino Alcohol Ligands in Enantioselective Organometallic Reactions

Cluster

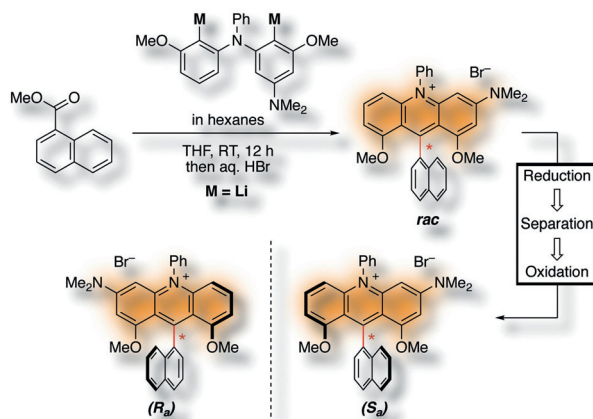
2171

C. Fischer  
C. Sparr\*  
University of Basel, Switzerland

## Configurationally Stable Atropisomeric Acridinium Fluorophores

Cluster

2176



## Synlett

Synlett 2018, 29, 2181–2184  
DOI: 10.1055/s-0037-1610630

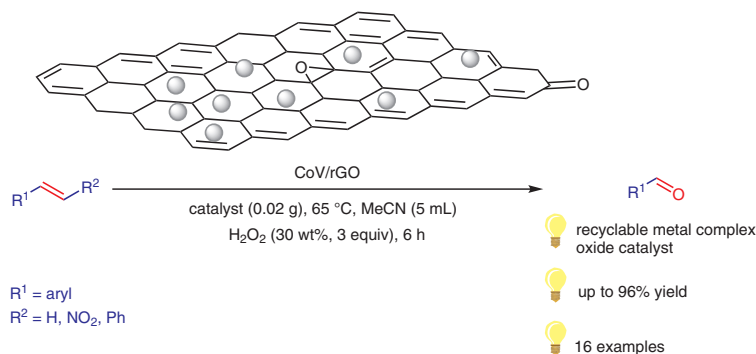
H. Zou  
C. Hu  
K. Chen  
G. Xiao  
X. Peng\*

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

## Cobalt Vanadium Oxide Supported on Reduced Graphene Oxide for the Oxidation of Styrene Derivatives to Aldehydes with Hydrogen Peroxide as Oxidant

Letter

2181



## Synlett

Synlett 2018, 29, 2185–2190  
DOI: 10.1055/s-0037-1610272

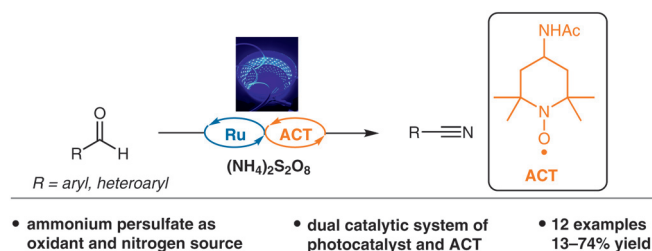
J. Nandi  
M. L. Witko  
N. E. Leadbeater\*

University of Connecticut, USA

## Combining Oxoammonium Cation Mediated Oxidation and Photo-redox Catalysis for the Conversion of Aldehydes into Nitriles

Letter

2185



## Synlett

Synlett 2018, 29, 2191–2194  
DOI: 10.1055/s-0037-1610653

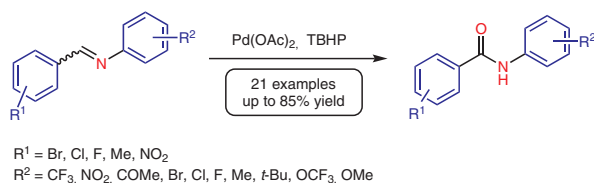
S. Gao  
Y. Ma  
W. Chen  
J. Luo\*

Ningbo University, P. R. of China

## Pd-Catalyzed Oxidation of Aldimines to Amides

Letter

2191



## Synlett

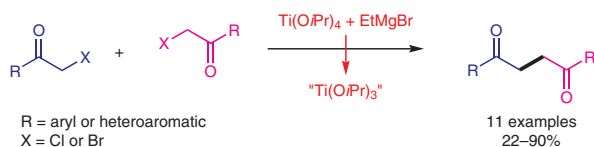
Synlett 2018, 29, 2195–2198  
DOI: 10.1055/s-0037-1610245

N. N. Le  
A. M. Rodriguez  
J. R. Alley  
M. R. Gesinski\*  
Southwestern University, USA

# Synthesis of 1,4-Diketones via Titanium-Mediated Reductive Homocoupling of $\alpha$ -Haloketones

Letter

2195



## Synlett

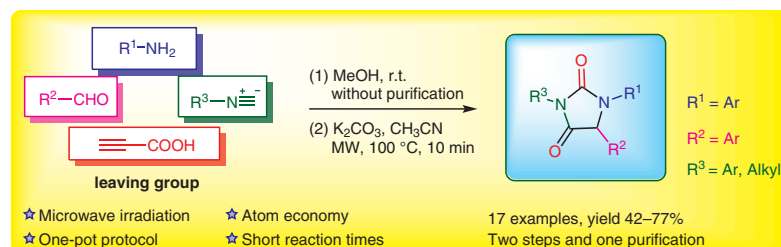
Synlett 2018, 29, 2199–2202  
DOI: 10.1055/s-0037-1610234

Z.-G. Xu  
Y. Ding  
J.-P. Meng  
D.-Y. Tang  
Y. Li  
J. Lei  
C. Xu\*  
Z.-Z. Chen\*  
Chongqing University of Arts and Sciences, P. R. of China  
University of Electronic Science and Technology of China, P. R. of China

# Facile Construction of Hydantoin Scaffolds via a Post-Ugi Cascade Reaction

Letter

2199



## Synlett

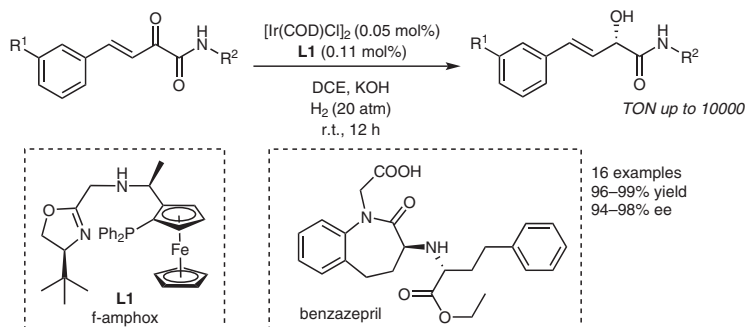
Synlett 2018, 29, 2203–2207  
DOI: 10.1055/s-0037-1609623

S. Wang  
Y. Yu  
J. Wen\*  
X. Zhang\*  
Southern University of Science and Technology, P. R. of China

# Iridium/f-Amphox-Catalyzed Asymmetric Hydrogenation of Styrylglyoxylamides

Letter

2203





S. Nandy  
A. Ghatak  
A. K. Das  
S. Bhar\*

Jadavpur University, India

## Chemoselective and Metal-Free Synthesis of Aryl Esters from the Corresponding Benzylic Alcohols in Aqueous Medium Using TBHP/TBAI as an Efficient Catalytic System

Letter

2208

