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

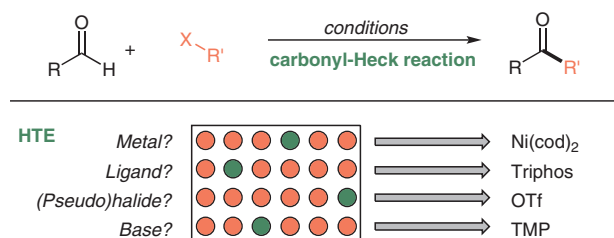
J. K. Vandavasi
S. G. Newman*

University of Ottawa, Canada

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

Synfacts

2081



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

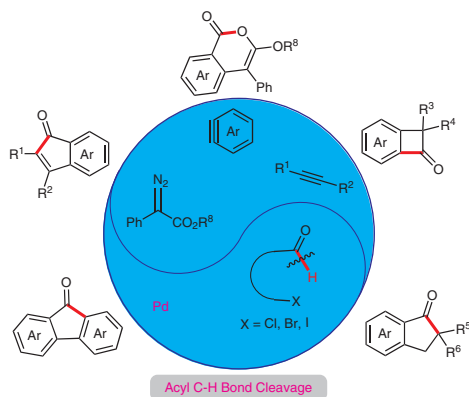
G. Chen*
Y. Yu
X. Huang*

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

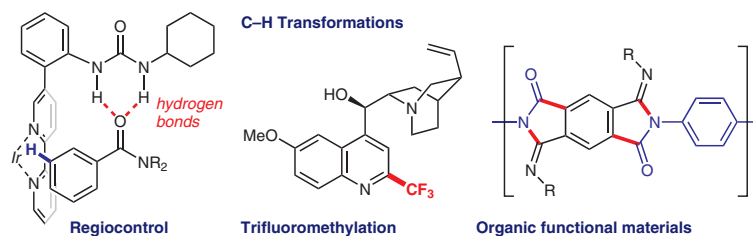
Palladium-Catalyzed Annulation via Acyl C–H Bond Activation

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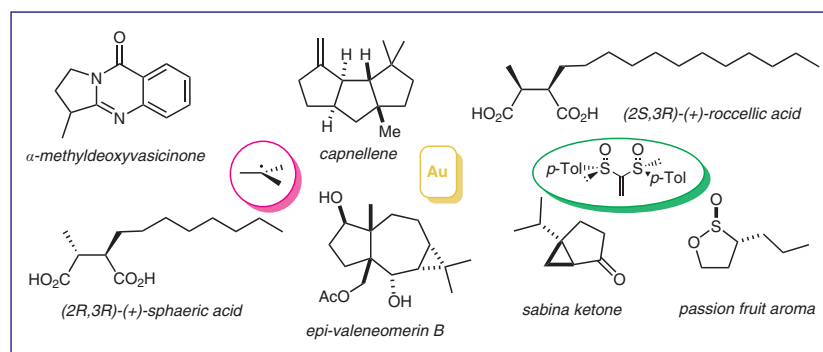
2087



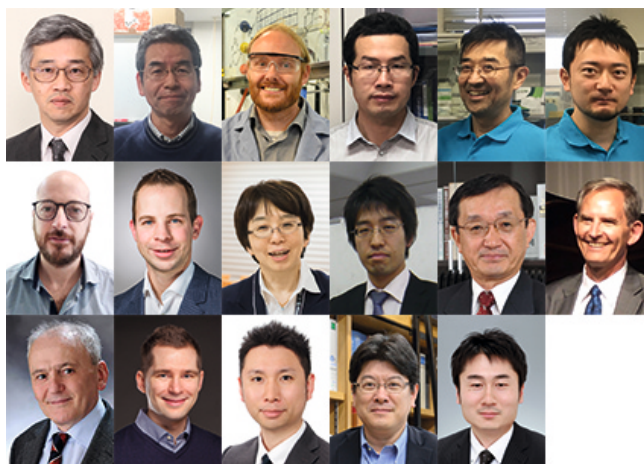
Development of Novel C–H Bond Transformations and Their Application to the Synthesis of Organic Functional Molecules



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



Cover Page: Atropisomerism – In Memoriam Kurt Mislow



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Cluster Preface: Atropisomerism

Cluster

2120

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

J. S. Siegel*

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Prologue: Atropisomerism

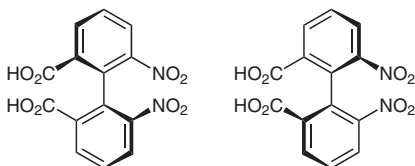
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2122

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

J. S. Siegel*

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α -Alkylation of N-C Axially Chiral Quinazolinone Derivatives Bearing Various *ortho*-Substituted Phenyl Groups: Relation between Diastereoselectivity and the *ortho*-Substituent

Cluster

2126

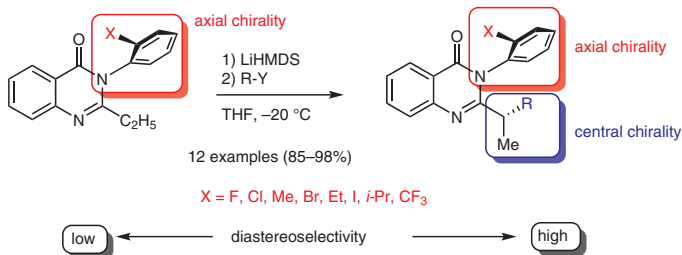
Synlett 2018, 29, 2126–2130
DOI: 10.1055/s-0037-1610110

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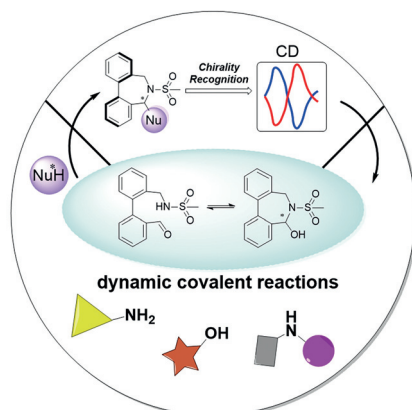


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Dynamic Covalent Chemistry within Biphenyl Scaffolds: Effects from Endocyclic to Exocyclic Sulfonamides

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2131

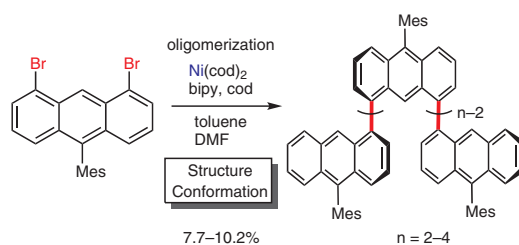
Synlett 2018, 29, 2131–2136
DOI: 10.1055/s-0037-1610207C. Ni
M. Wang
L. You*Fujian Institute of Research on
the Structure of Matter, P. R. of
China

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

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2137

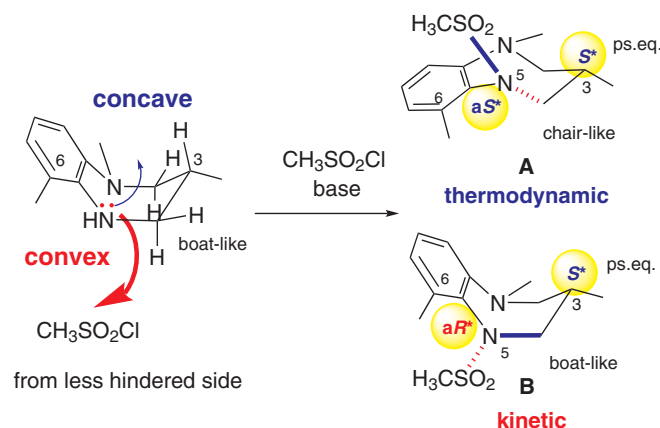
Synlett 2018, 29, 2137–2140
DOI: 10.1055/s-0037-1609869S. Toyota*
T. Saibara
K. Fujise
T. Oki
T. IwanagaTokyo Institute of Technology,
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Atropisomerism in the 2,3,4,5-Tetrahydro-1H-1,5-benzodiazepine Nucleus: Effects of Central Chirality at C3 on the N-Mesylation Reaction

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2141

Synlett 2018, 29, 2141–2146
DOI: 10.1055/s-0037-1609868H. Tabata*
Y. Tsuji
T. Yoneda
T. Tasaka
T. Oshitari
H. Takahashi*
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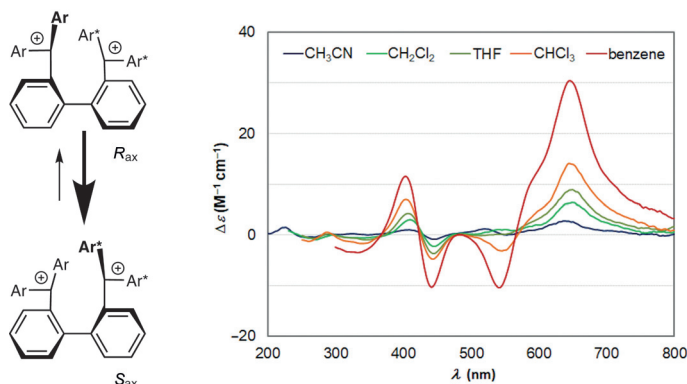
Synlett 2018, 29, 2147–2154
DOI: 10.1055/s-0037-1610190Y. Ishigaki
T. Iwai
Y. Hayashi
A. Nagaki
R. Katoono
K. Fujiwara
J.-i. Yoshida
T. Suzuki*

Hokkaido University, Japan

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

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2147



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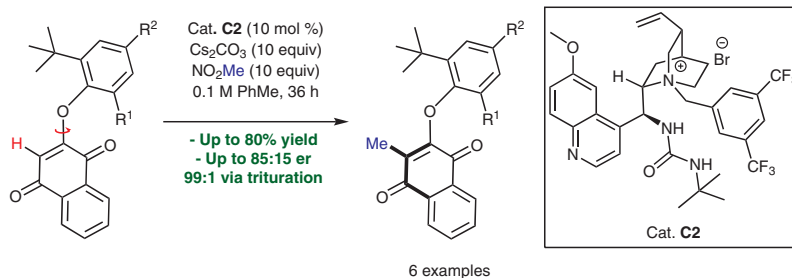
Synlett 2018, 29, 2155–2160
DOI: 10.1055/s-0037-1609581A. N. Dinh
R. R. Noorbehesht
S. T. Toenjes
A. C. Jackson
M. A. Saputra
S. M. Maddox
J. L. Gustafson*

San Diego State University, USA

Toward a Catalytic Atroposelective Synthesis of Diaryl Ethers Through $C(sp^2)$ -H Alkylation with Nitroalkanes

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2155

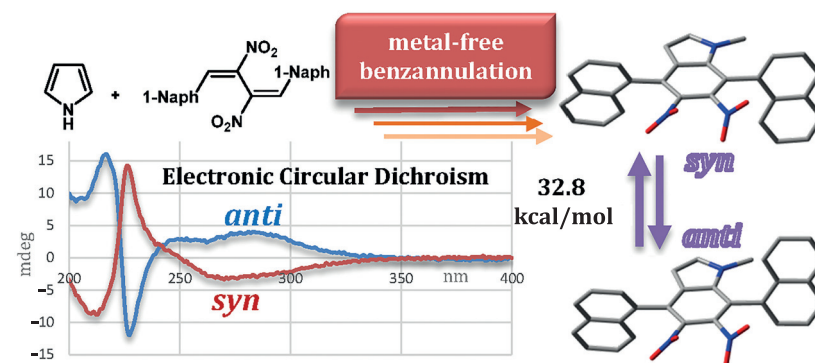


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Synlett 2018, 29, 2161–2166
DOI: 10.1055/s-0037-1609908A. Pagano
E. Marotta
A. Mazzanti
G. Petrillo*
C. Tavani
M. Mancinelli*
University of Bologna, Italy
University of Genova, ItalyStereodynamic Analysis of New Atropisomeric 4,7-Di(naphthalen-1-yl)-5,6-dinitro-1*H*-indoles

Cluster

2161



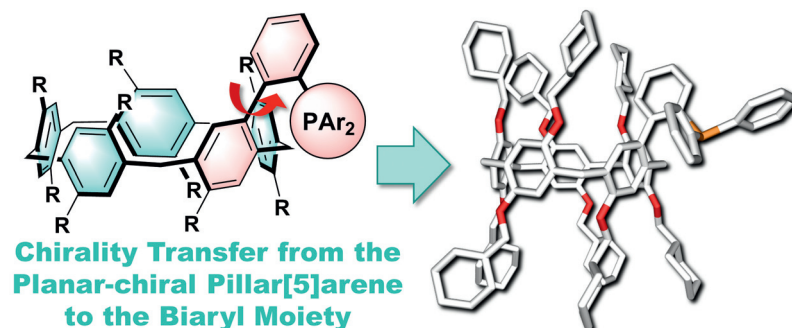
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Synlett 2018, 29, 2167–2170
DOI: 10.1055/s-0037-1610635Y. Nagata*
Y. Shimada
T. Nishikawa
R. Takeda
M. Uno
T. Ogoshi*
M. Suginome*Kyoto University, Japan
Kanazawa University, Japan

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

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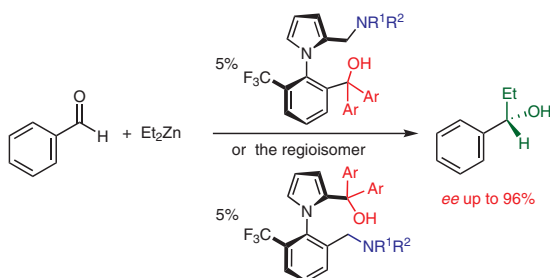
Synlett 2018, 29, 2171–2175
DOI: 10.1055/s-0037-1610551B. Mátravölgyi
S. Deák
Z. Erdélyi
T. Hergert
P. Ábrányi-Balogh
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Budapest University of Technology and Economics, Hungary

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

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2171



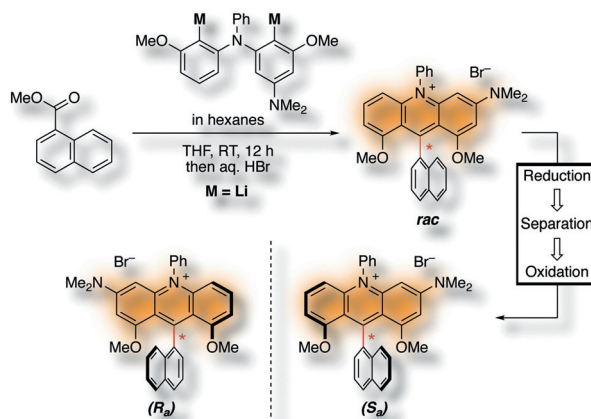
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Synlett 2018, 29, 2176–2180
DOI: 10.1055/s-0037-1610233C. Fischer
C. Sparr*
University of Basel, Switzerland

Configurationally Stable Atropisomeric Acridinium Fluorophores

Cluster

2176

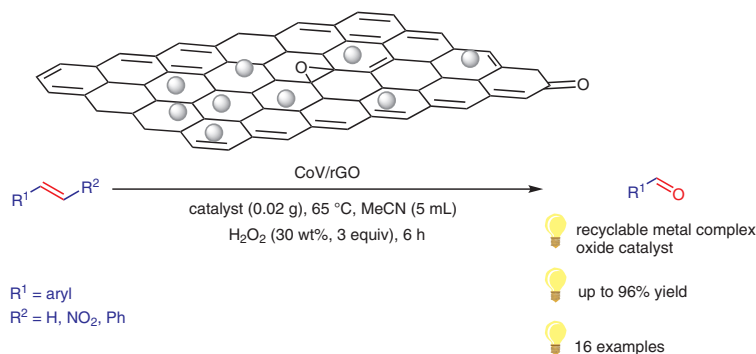


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Synlett 2018, 29, 2181–2184
DOI: 10.1055/s-0037-1610630H. Zou
C. Hu
K. Chen
G. Xiao
X. Peng*Nanjing University of Science
and Technology,
P. R. of ChinaCobalt Vanadium Oxide Supported on Reduced Graphene Oxide for
the Oxidation of Styrene Derivatives to Aldehydes with Hydrogen Per-
oxide as Oxidant

Letter

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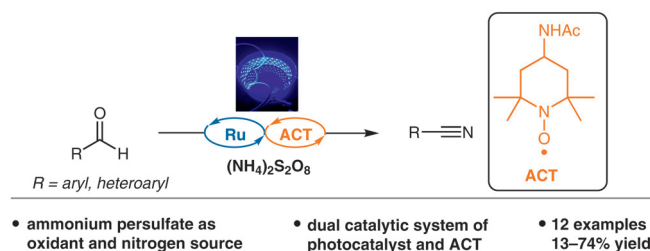
Synlett 2018, 29, 2185–2190
DOI: 10.1055/s-0037-1610272J. Nandi
M. L. Witko
N. E. Leadbeater*

University of Connecticut, USA

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

Letter

2185



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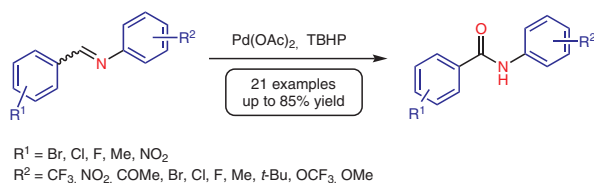
Synlett 2018, 29, 2191–2194
DOI: 10.1055/s-0037-1610653S. Gao
Y. Ma
W. Chen
J. Luo*

Ningbo University, P. R. of China

Pd-Catalyzed Oxidation of Aldimines to Amides

Letter

2191

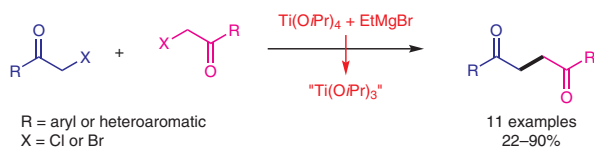


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Synlett 2018, 29, 2195–2198
DOI: 10.1055/s-0037-1610245N. N. Le
A. M. Rodriguez
J. R. Alleyn
M. R. Gesinski*
Southwestern University, USASynthesis of 1,4-Diketones via Titanium-Mediated Reductive Homocoupling of α -Haloketones

Letter

2195



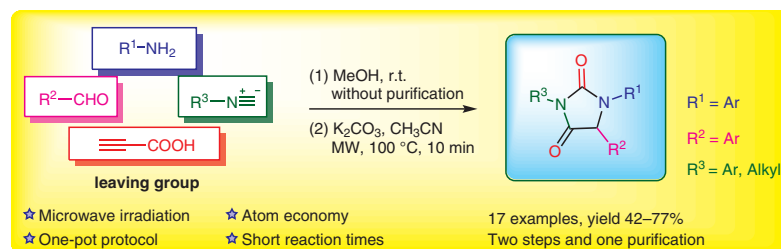
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Synlett 2018, 29, 2199–2202
DOI: 10.1055/s-0037-1610234Z.-G. Xu
Y. Ding
J.-P. Meng
D.-Y. Tang
Y. Li
J. Lei
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and Technology of China, P. R. of
China

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

Letter

2199

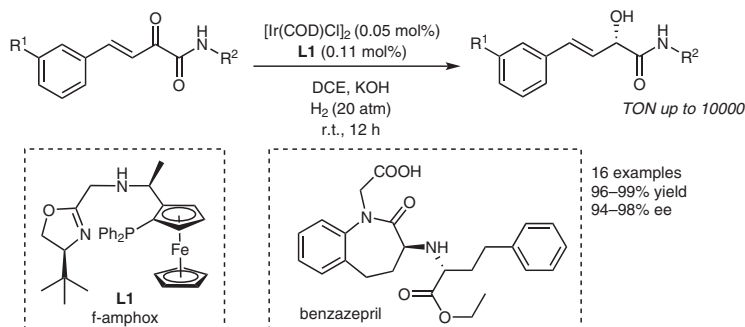


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Synlett 2018, 29, 2203–2207
DOI: 10.1055/s-0037-1609623S. Wang
Y. Yu
J. Wen*
X. Zhang*
Southern University of Science
and Technology, P. R. of ChinaIridium/*f*-Amphox-Catalyzed Asymmetric Hydrogenation of Styrylglyoxylamides

Letter

2203



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