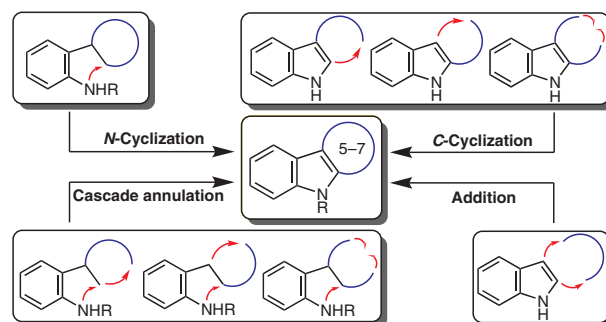
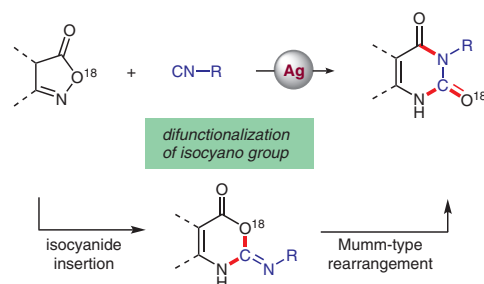


## Modern Annulation Strategies for the Synthesis of Cyclo[b]fused Indoles



## Difunctionalization of the Isocyano Group: Atom-Economic Synthesis of Pyrimidinediones



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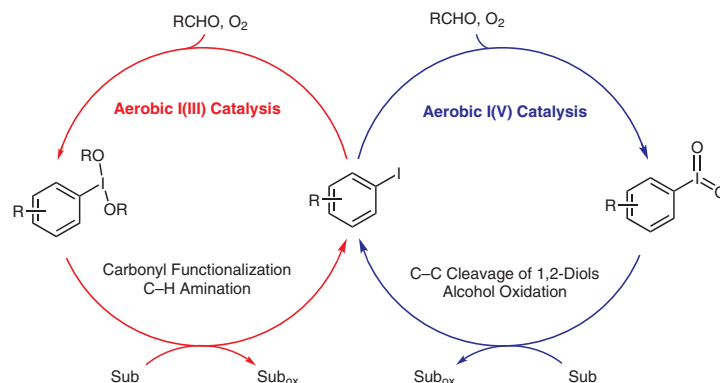
Synlett 2019, 30, 257–262  
DOI: 10.1055/s-0037-1610338

A. Maity  
D. C. Powers\*  
Texas A&M University, USA

## Hypervalent Iodine Chemistry as a Platform for Aerobic Oxidation Catalysis

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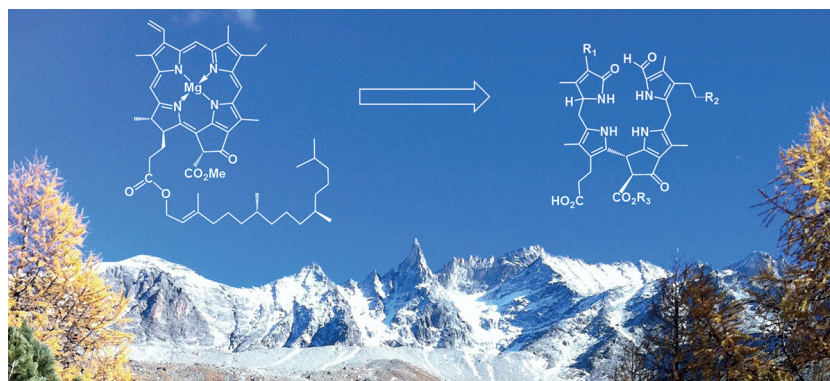
Synlett 2019, 30, 263–274  
DOI: 10.1055/s-0037-1611063

B. Kräutler\*  
University of Innsbruck, Austria

## Chlorophyll Breakdown – How Chemistry Has Helped to Decipher a Striking Biological Enigma

Account

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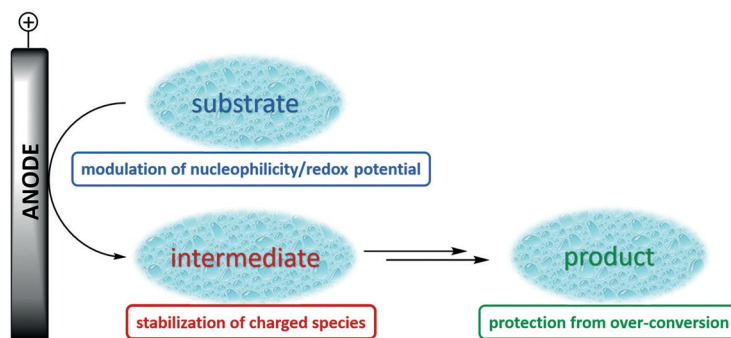
Synlett 2019, 30, 275–286  
DOI: 10.1055/s-0037-1610303

L. Schulz  
S. R. Waldvogel\*  
Johannes Gutenberg-Universität  
Mainz, Germany

## Solvent Control in Electro-Organic Synthesis

Account

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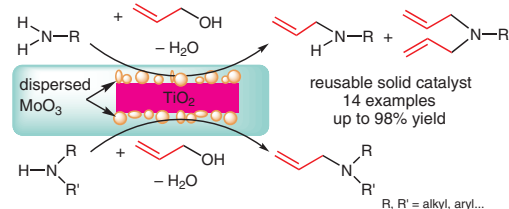


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Synlett 2019, 30, 287–292  
DOI: 10.1055/s-0037-1612010Y. Kon\*  
T. Nakashima  
T. Fujitani  
T. Murayama  
W. Ueda\*National Institute of Advanced  
Industrial Science and Technolo-  
gy, Tsukuba, Japan  
Hokkaido University, Japan  
Kanagawa University, JapanDehydrative Allylation of Amine with Allyl Alcohol by Titanium Oxide  
Supported Molybdenum Oxide Catalyst

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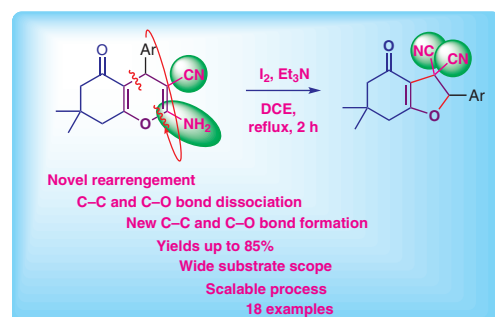


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Synlett 2019, 30, 293–298  
DOI: 10.1055/s-0037-1611706N. Medishetti  
A. Kale  
J. B. Nanubolu  
K. Atmakur\*Indian Institute of Chemical  
Technology, IndiaMolecular-Iodine-Promoted Synthesis of Dihydrobenzofuran-  
3,3-dicarbonitriles through a Novel Rearrangement

Letter

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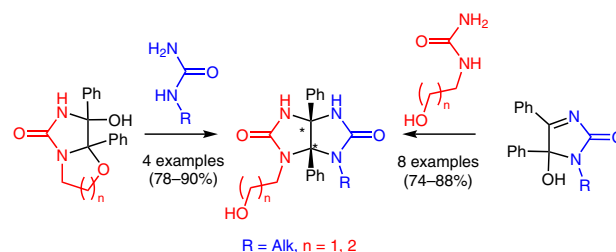


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Synlett 2019, 30, 299–302  
DOI: 10.1055/s-0037-1611937V. V. Baranov\*  
M. M. Antonova  
N. G. Kolotyrykina  
I. E. Zanin  
A. N. KravchenkoRussian Academy of Sciences,  
Russian FederationDirect Synthesis of 1-Alkyl-6-hydroxyalkyl-3a,6a-diphenylglycolurils  
from 1-Alkylimidazolinones and Their Cyclic Analogues

Letter

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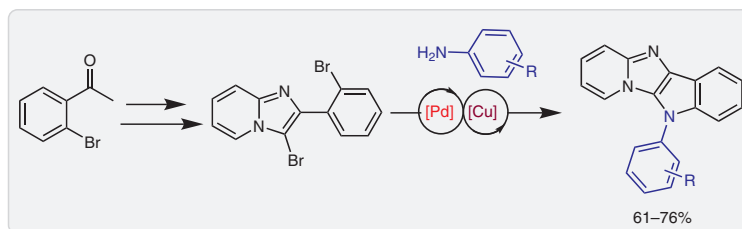


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Synlett 2019, 30, 303–306  
DOI: 10.1055/s-0037-1611957T. Q. Hung\*  
N. M. Quan  
H. Van Dong  
T. D. Nguyen  
H. L. T. Anh  
T. Q. Hung  
N. Van Tuyen  
N. T. Thuan  
T. T. Dang\*  
P. Langer\*Vietnam Academy of Science  
and Technology, Vietnam  
Vietnam National University,  
Vietnam  
Universität Rostock, GermanySynthesis of 5-Aryl-5H-pyrido[2',1':2,3]imidazo[4,5-b]indoles by  
Domino Pd- and Cu-Catalyzed C–N Coupling Reactions

Letter

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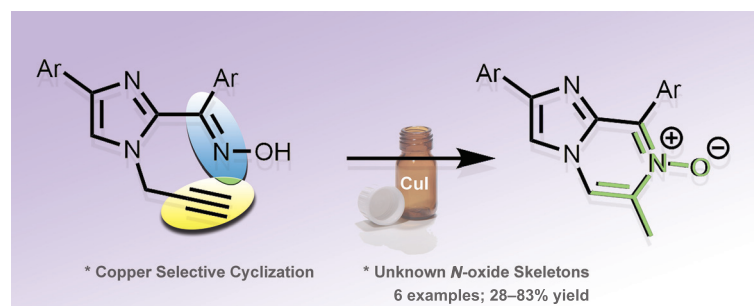


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Synlett 2019, 30, 307–310  
DOI: 10.1055/s-0037-1610859V. Taşdemir  
B. Kuzu  
M. Tan  
H. Genç  
N. Menges\*SAFF Chemical Reagents R&D  
Lab. YYU-TEKNOKENT, Turkey  
SAFF Chemical Reagents R&D  
Van Yüzüneü Yil University,  
TurkeyCopper-Catalyzed Synthesis of Fused Imidazopyrazine *N*-Oxide  
Skeletons

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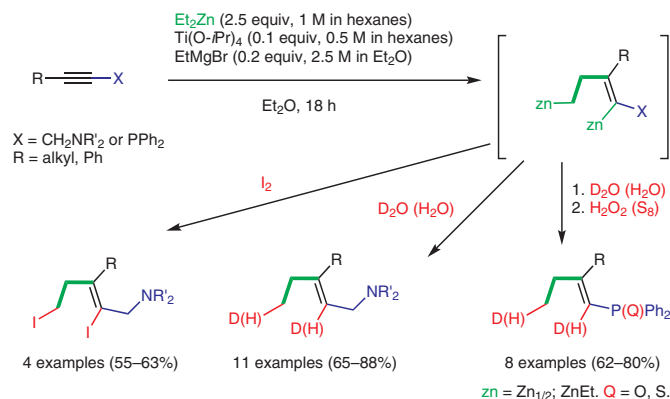


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Synlett 2019, 30, 311–314  
DOI: 10.1055/s-0037-1612009R. N. Kadikova\*  
I. R. Ramazanov  
O. S. Mozgovoï  
A. M. Gabdullin  
U. M. DzhemilevRussian Academy of  
Sciences, Russian Federation2-Zincoethylzincation of 2-Alkynylamines and 1-Alkynylphosphines  
Catalyzed by Titanium(IV) Isopropoxide and Ethylmagnesium Bromide

Letter

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Synlett 2019, 30, 315–318  
DOI: 10.1055/s-0037-1611698

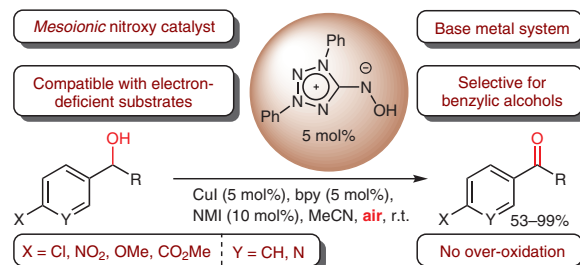
Y. Matsukawa

T. Hirashita\*

Nagoya Institute of Technology,  
JapanCopper(I)- and Mesoionic-Hydroxyamide-Catalyzed Chemoselective  
Aerobic Oxidation of Primary Benzylic Alcohols

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Synlett 2019, 30, 319–324  
DOI: 10.1055/s-0037-1610353Z. Wang<sup>◇</sup>T. Song<sup>◇</sup>

Y. Yang\*

Chinese Academy of Sciences,  
P. R. of ChinaAdditive- and Oxidant-Free Expedient Synthesis of Benzimidazoles  
Catalyzed by Cobalt Nanocomposites on N-Doped Carbon

Letter

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- Heterogeneous non-noble metal catalysis
- Additive/oxidant/base-free
- High yields with broad substrate scope
- Easy separation and reusable

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Synlett 2019, 30, 325–328  
DOI: 10.1055/s-0037-1611975

S.-k. A. Daley

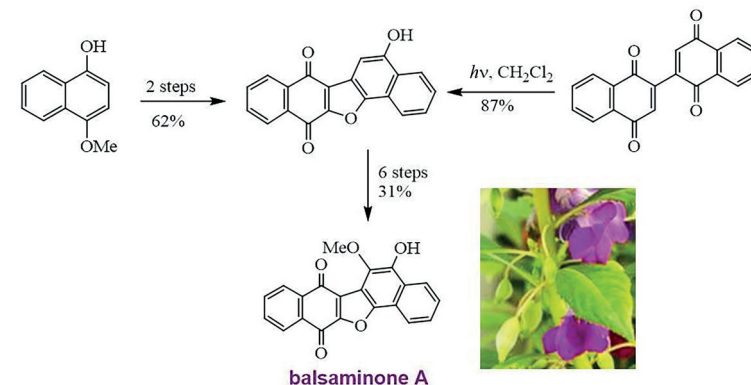
N. K. Downer-Riley\*

Department of Chemistry, The  
University of the West Indies,  
Jamaica

## An Improved Synthesis of Balsaminone A

Letter

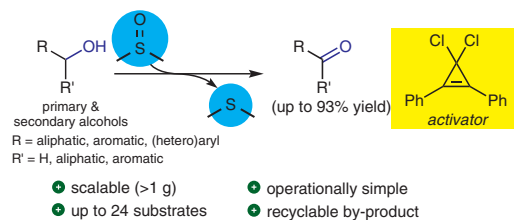
325



Synlett 2019, 30, 329–332  
DOI: 10.1055/s-0037-1611183

T. Guo  
Y. Gao  
Z. Li\*  
J. Liu  
K. Guo\*

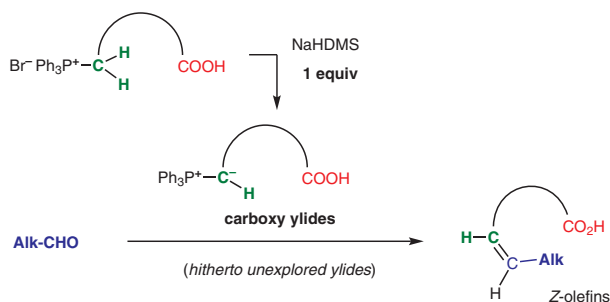
Nanjing Tech University, P. R. of China



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Synlett 2019, 30, 333–337  
DOI: 10.1055/s-0037-1611958

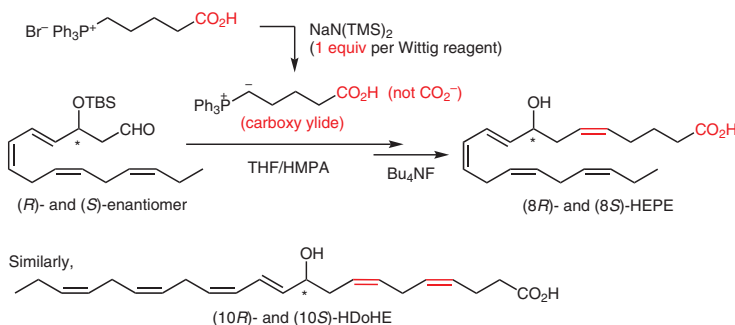
Y. Suganuma  
Y. Kobayashi\*  
Tokyo Institute of Technology,  
Japan



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Synlett 2019, 30, 338–342  
DOI: 10.1055/s-0037-1611976

Y. Suganuma  
S. Saito  
Y. Kobayashi\*  
Tokyo Institute of Technology,  
Japan



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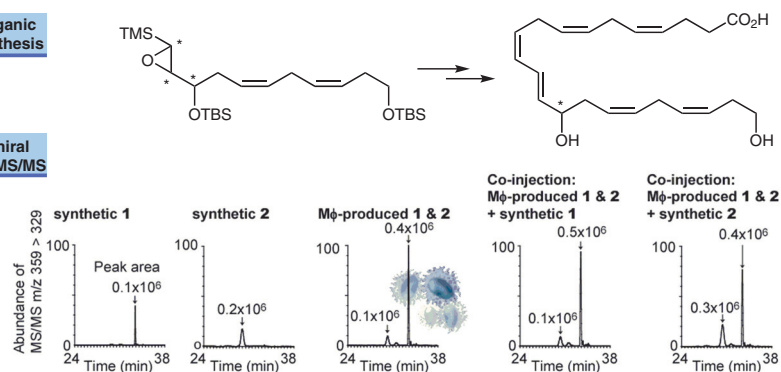
Synlett 2019, 30, 343–347  
DOI: 10.1055/s-0037-1612011

S. Hong\*  
Y. Lu  
M. Morita  
S. Saito  
Y. Kobayashi  
B. Jun  
N. G. Bazan  
X. Xu  
Y. Wang

Louisiana State University Health  
Sciences Center, USA

Organic  
Synthesis

Chiral  
LC-MS/MS

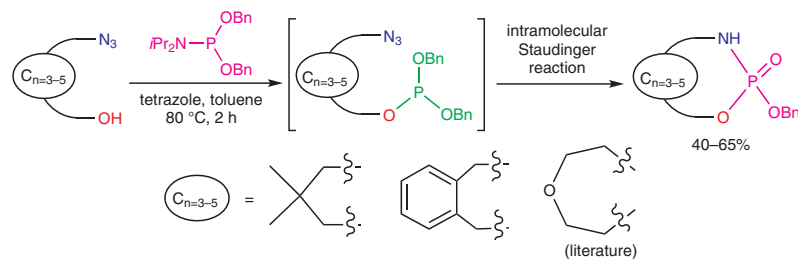


343

Synlett 2019, 30, 348–352  
DOI: 10.055/s-0037-1611461

J. Wu  
L. Bishop  
J. Guo  
Z. Guo\*

Case Western Reserve University, USA  
University of Florida, USA

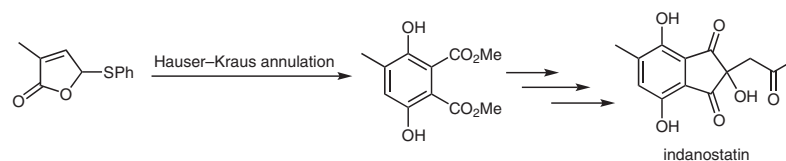


348

Synlett 2019, 30, 353–355  
DOI: 10.1055/s-0037-1611462

S. Wang  
G. A. Kraus\*

Iowa State University, USA



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M. Ramasamy  
H.-C. Lin  
S.-C. Kuo  
M.-T. Hsieh\*

School of Pharmacy, China Medical University, Taiwan

Lewis Acid-Catalyzed Rearrangement of Fluoroalkylated Propargylic Alcohols: An Alternative Approach to  $\beta$ -Fluoroalkyl- $\alpha,\beta$ -enones