

Photocatalytic Spirocyclization of 2-Alk- ω -enyl-Substituted Cycloalkane-1,3-diones

J. Hofer, F. Pecho, T. Bach

Synlett

Shining a Light on Dissipative Supramolecular Assemblies

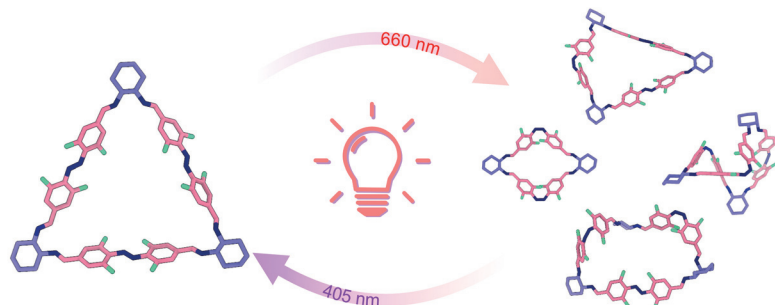
Synfacts

975

Synlett 2023, 34, 975–982
DOI: 10.1055/a-2007-2526

E. Nieland
J. Voss
B. M. Schmidt*

Heinrich-Heine-Universität
Düsseldorf, Germany



Synlett

Copper(I)-Mediated Decarboxylative *N*-Arylation of Dioxazolones: Synthesis of *N*-Aryl Amides

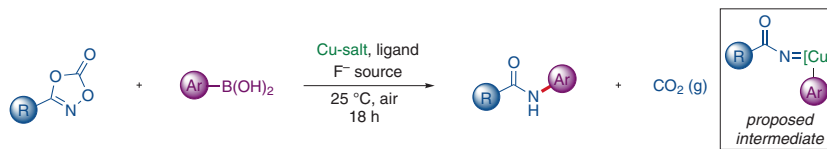
Synfacts

983

Synlett 2023, 34, 983–989
DOI: 10.1055/s-0041-1738431

J. Park
D. Jang
J. An
Y. Park
H. Bae
M. Kim
J. Lee
J. Son*

Dong-A University, South Korea

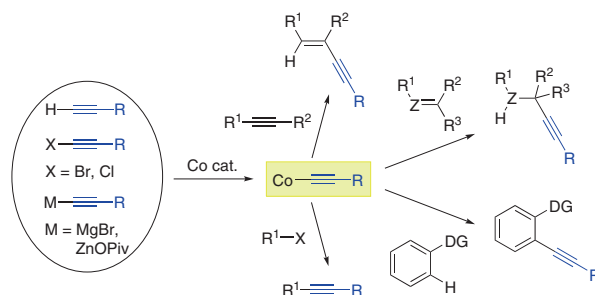
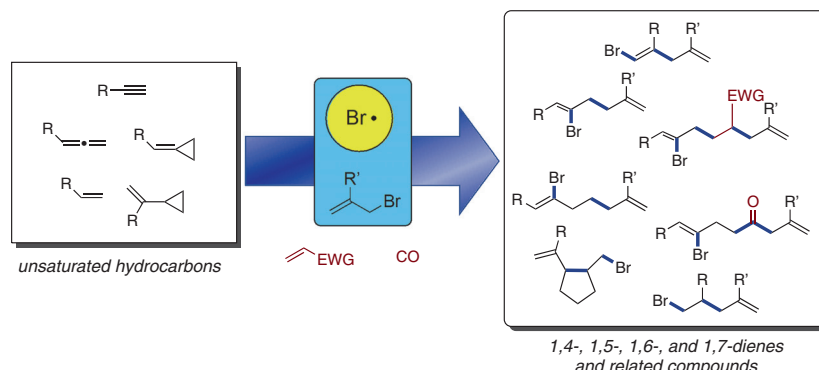
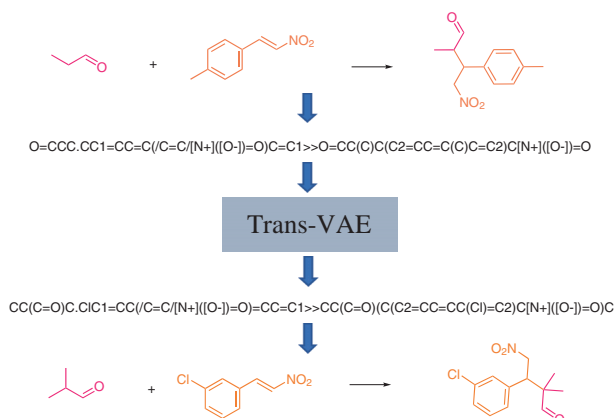


- dioxazolones as safe and easy-to-handle amide precursors
- mild reaction conditions and simple operation

- nontoxic byproduct waste (CO_2)
- broad functional group tolerance

Y. Ueda
H. Tsurugi*
K. Mashima*

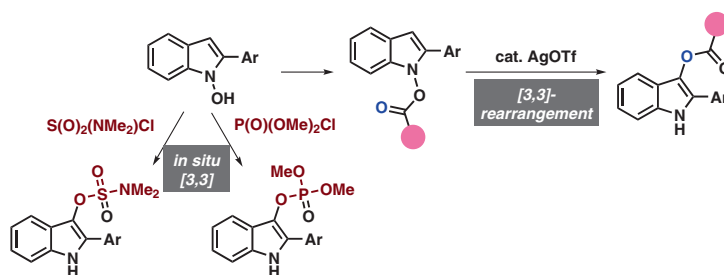
Osaka University, Japan

Cobalt-Catalyzed Alkynylation of Organic Compounds:
Hydroalkynylation, Dehydrogenative Alkynylation, and Reductive AlkynylationS. Sumino
I. Ryu*Osaka Metropolitan University
(OMU), Japan
National Yang Ming Chiao Tung
University (NYCU), TaiwanBromine-Radical-Mediated Bromoallylation of C–C Unsaturated
Bonds: A Facile Access to 1,4-, 1,5-, 1,6-, and 1,7-Dienes and
Related CompoundsL. Cao
Y. Wu
Y. Zhuang
L. Xiong
Z. Zhan
L. Ma*
H. Duan*Zhejiang University of Technolo-
gy, P. R. of China
Chinese Academy of Sciences,
P. R. of ChinaA Novel Application of a Generation Model in Foreseeing ‘Future’
Reactions

Synlett 2023, 34, 1019–1022
DOI: 10.1055/a-2024-4595

K. Ali
M. Bera
E. J. Cho*

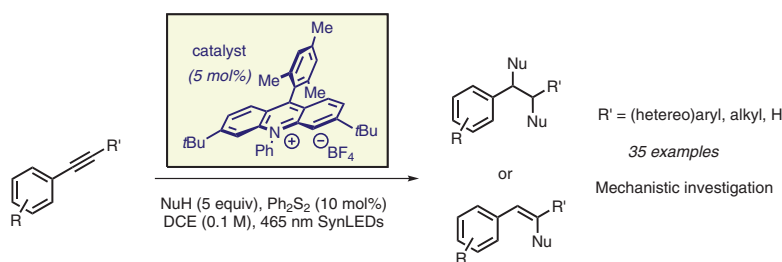
Chung-Ang University, Republic
of Korea



Synlett 2023, 34, 1023–1028
DOI: 10.1055/a-2009-8279

Z. Zhu
S. Qian
D. A. Nicewicz*

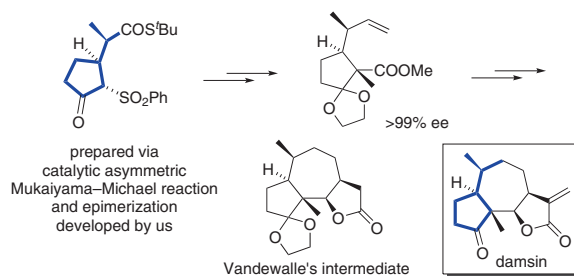
The University of North Carolina
at Chapel Hill, USA



Synlett 2023, 34, 1029–1032
DOI: 10.1055/a-2017-3636

R. Sugiyama
M. Nakada*

Waseda University, Japan

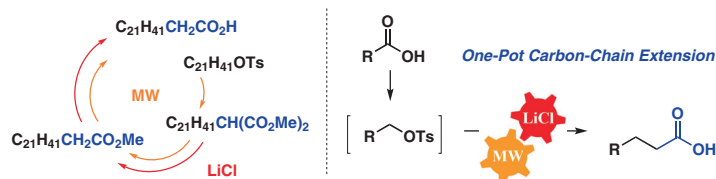


Synlett

Synlett 2023, 34, 1033–1036
DOI: 10.1055/a-2017-4232C. Wang
J. Su
Y. Li
S. Gao
X. Huo
B. Yi*
G. Zhao*
H. Lei*Beijing University of Chinese
Medicine, P. R. of ChinaOne-Pot Carbon-Chain Extension for Nervonic/Carboxylic Acid
Synthesis with the Assistance of Microwaves and Lithium Chloride

Letter

1033



Synlett

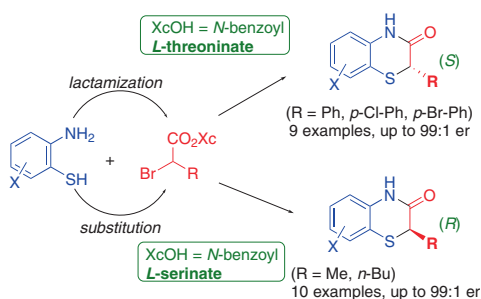
Synlett 2023, 34, 1037–1041
DOI: 10.1055/a-2004-1529J. S. Lee
S. J. Lee
G. H. Han
Y. S. Park*

Konkuk University, R. of Korea

Facile Preparation of Highly Enantioenriched 1,4-Benzothiazin-3-ones
by the Substitution of α -Bromoacetate with 2-Aminothiophenol

Letter

1037

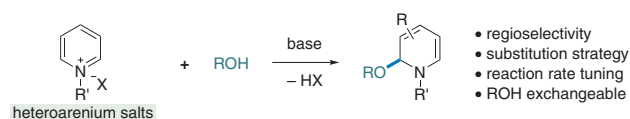


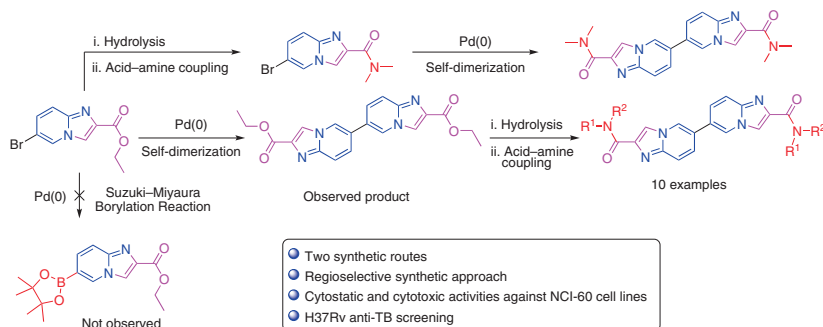
Synlett

Synlett 2023, 34, 1042–1048
DOI: 10.1055/a-2005-5372B. Chen
E. Li
F. Song
N. Guimond
J. Chen*
Y. Huang*Peking University Shenzhen
Graduate School, P. R. of China
The Hong Kong University of
Science and Technology, P. R. of
China
Shenzhen Bay Laboratory, P. R.
of ChinaAddition of Alcohols onto Electron-Deficient Heteroareanium Salts:
A Reversible Covalent Bonding Process under Basic Conditions

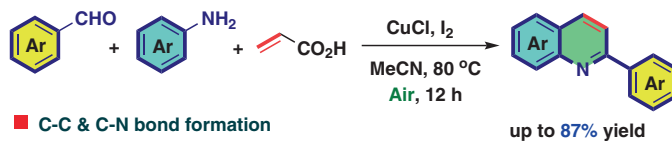
Letter

1042

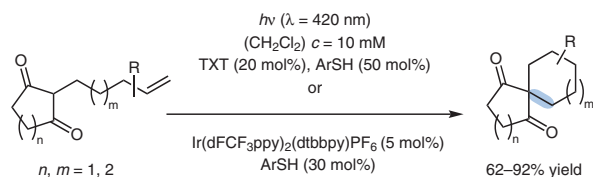


K. N. Sanghavi*
D. Sriram
J. Kumari
K. M. Kapadiya*
RK University, IndiaRegioselective Pd-Catalyzed Suzuki–Miyaura Borylation Reaction for the Dimerization Product of 6-Bromoimidazo[1,2-*a*]pyridine-2-carboxylate: Mechanistic Pathway, Cytotoxic and Tubercular StudiesR. Chatterjee
M. Pothireddy
R. Dandela*Institute of Chemical Technology,
India

Copper-Catalyzed Decarboxylative Cascade Cyclization for the Synthesis of 2-Arylquinolines



- C-C & C-N bond formation
- Easily accessible reagents
- Decarboxylative cyclization
- Broad range of substrates

J. Hofer
F. Pecho
T. Bach*
Technische Universität
München, GermanyPhotocatalytic Spirocyclization of 2-Alk- ω -enyl-Substituted Cycloalkane-1,3-diones

N. Morita*
H. Chiaki
K. Ikeda
K. Tanaka III
Y. Hashimoto
O. Tamura*

Showa Pharmaceutical
University, Japan

