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SYNLETT

Accounts and Rapid Communications in Synthetic Organic Chemistry

Synpacts

Q. Zhang, K. Chen, B.-F. Shi
Recent Progress in the Synthesis
of Functionalized β -Lactams through
Transition-Metal-Catalyzed $C(sp^3)$ -H
Amidation

J. D. Weaver
Hydrodefluorination of Perfluoroarenes
Meets Visible Light Photocatalysis

Accounts

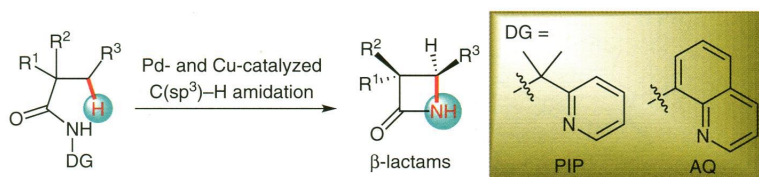
H. Zhang
Syntheses of Bioactive Natural Products
and Natural-Product-Like Compounds
Based on Their Key Structural Units

H. Konishi, K. Manabe
Formic Acid Derivatives as Practical
Carbon Monoxide Surrogates for Metal-
Catalyzed Carbonylation Reactions

2014 • Vol. 25, 1941–2086

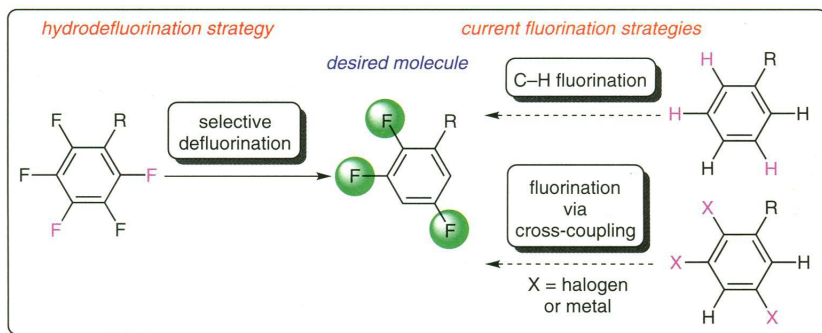
September 1, 2014

 Thieme

1941 Q. Zhang
K. Chen
B.-F. Shi*Recent Progress in the Synthesis of Functionalized β -Lactams through Transition-Metal-Catalyzed C(sp³)-H Amidation

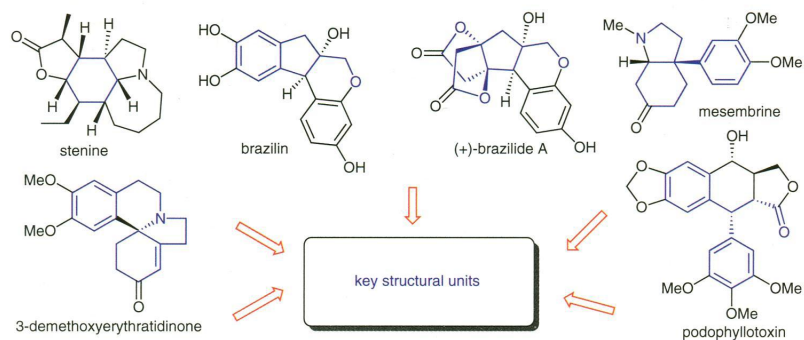
1946 J. D. Weaver*

Hydrodefluorination of Perfluoroarenes Meets Visible Light Photocatalysis



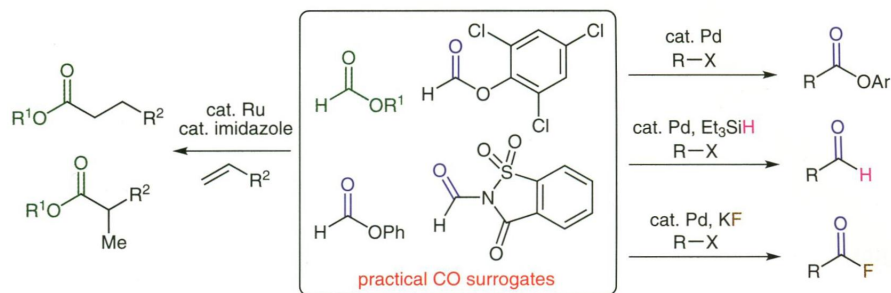
1953 H. Zhang*

Syntheses of Bioactive Natural Products and Natural-Product-Like Compounds Based on Their Key Structural Units



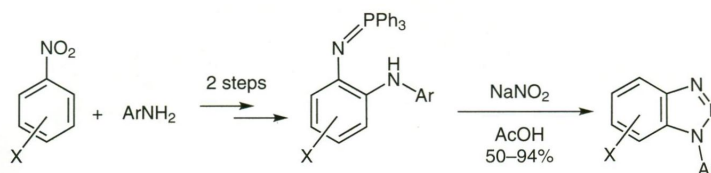
1971 H. Konishi
K. Manabe*

Formic Acid Derivatives as Practical Carbon Monoxide Surrogates for Metal-Catalyzed Carbonylation Reactions



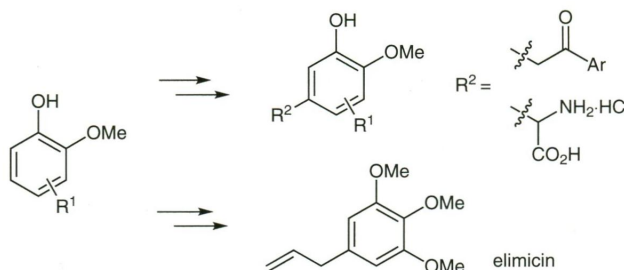
1987 E. Łukasik
Z. Wróbel*

2-(Arylamino)aryliminophosphoranes as Easily Available and Convenient Starting Materials in the Synthesis of 1,2,3-Benzotriazoles



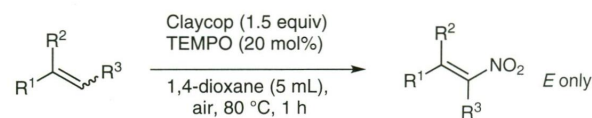
1991 S. K. Chittimalla*
R. Kuppusamy
C. Bandi

A Detour Route for *meta* Functionalization of Phenols



1997 E. Begari*
C. Singh
U. Nookaraju
P. Kumar

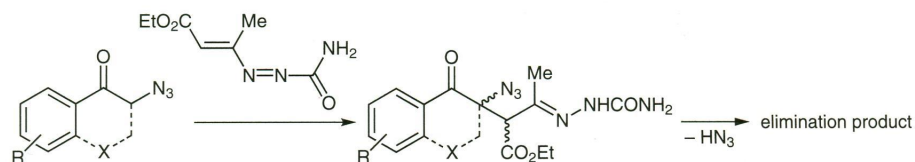
Clay-Supported Copper Nitrate (Claycop): A Mild Reagent for the Selective Nitration of Aromatic Olefins



R^1 = aromatic, aliphatic
 R^2, R^3 = H

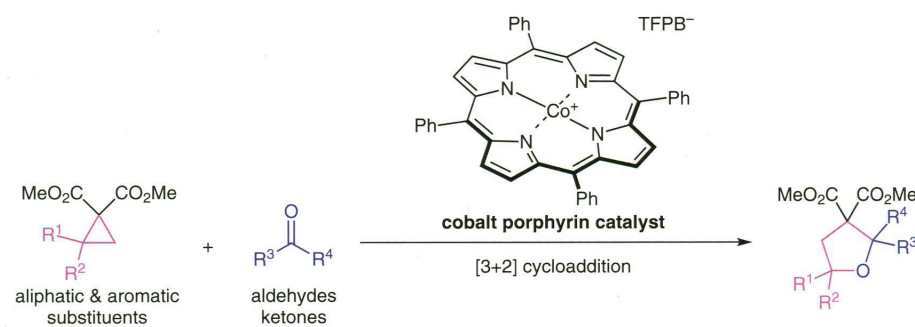
- 2001 É. Juhász-Tóth
G. Favi
O. A. Attanasi
A. C. Bényei
T. Patonay*

α -Azido Ketones, Part 8: Base-Induced Coupling of α -Azido Ketones with a 1,2-Diaza-1,3-diene as a Michael Acceptor



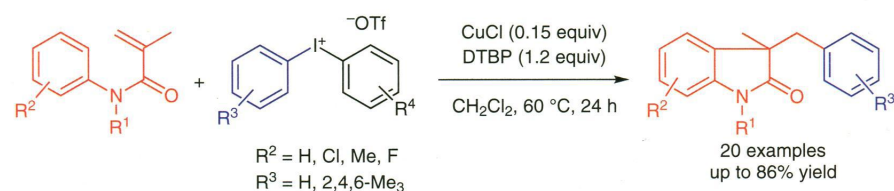
- 2005 T. Shiba
D. Kuroda
T. Kurahashi*
S. Matsubara*

Cobalt Porphyrin Catalyzed [3+2] Cycloaddition of Cyclopropanes and Carbonyl Compounds



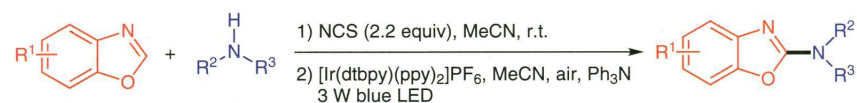
- 2009 X. Li
J. Xu
P. Zhang
Y. Gao
J. Wu
G. Tang*
Y. Zhao

Copper-Catalyzed Oxidative Electrophilic Carbofunctionalization of Acrylamides for the Synthesis of Oxindoles

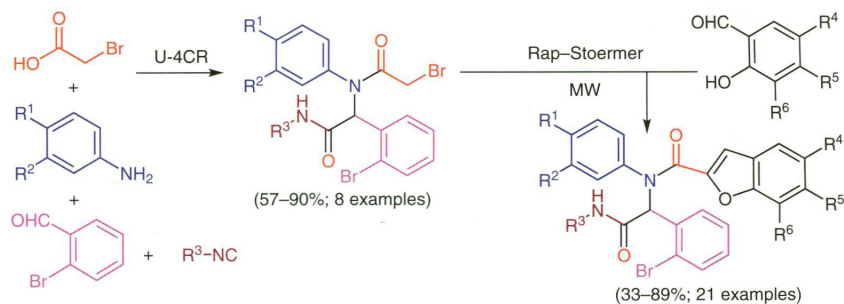


- 2013 J.-D. Wang
Y.-X. Liu
D. Xue*
C. Wang
J. Xiao

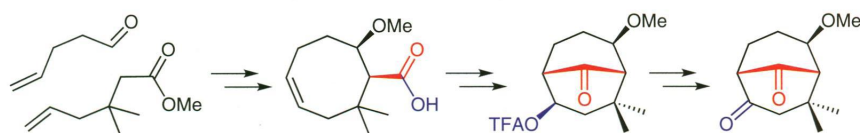
Amination of Benzoxazoles by Visible-Light Photoredox Catalysis



2019

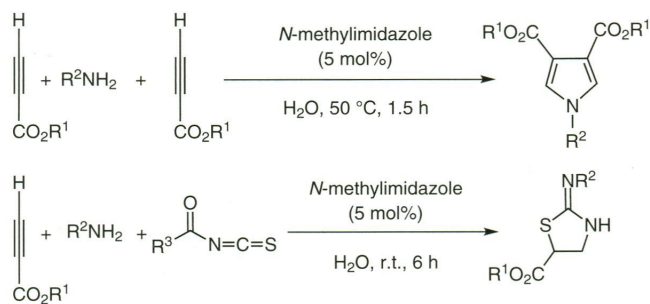
W. Han
J. Wu
W.-M. Dai***Synthesis of Highly Functionalized Benzofuran-2-carboxamides by Ugi Four-Component Reaction and Microwave-Assisted Rap–Stoermer Reaction**

2025

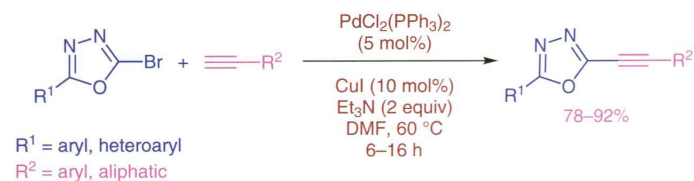
S. Schmitt
E. Feidt
D. Hartmann
V. Huch
J. Jauch***A Metathesis–Acylation Approach to the Bicyclic Core of Polycyclic Polyprenylated Acylphloroglucinols**

2030

F. Rostami-Charati*

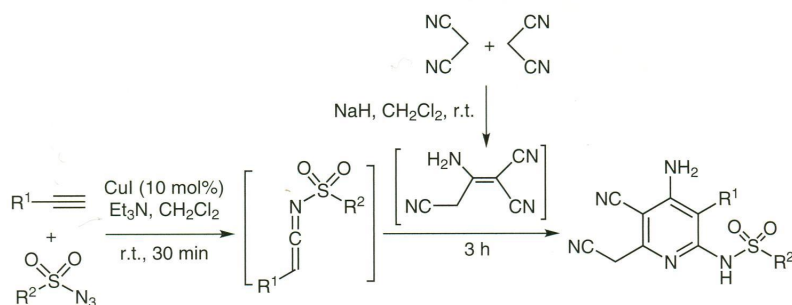
Synthesis of Pyrroles and Thiazolanes Promoted by *N*-Methylimidazole in Water

2033

N. Salvanna
B. Das***Synthesis of 2-Alkynyl 1,3,4-Oxadiazoles by Palladium-Catalyzed Cross-Coupling Reaction**

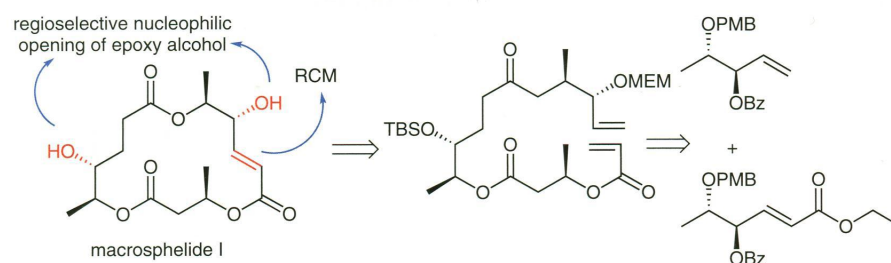
2036 I. Yavari*
Z. Taheri
M. Nematpour
A. Sheikhi

Copper-Catalyzed Tandem Synthesis of Pentasubstituted Pyridines from Sulfonketenimides and 2-Aminoprop-1-ene-1,1,3-tricarbonitrile



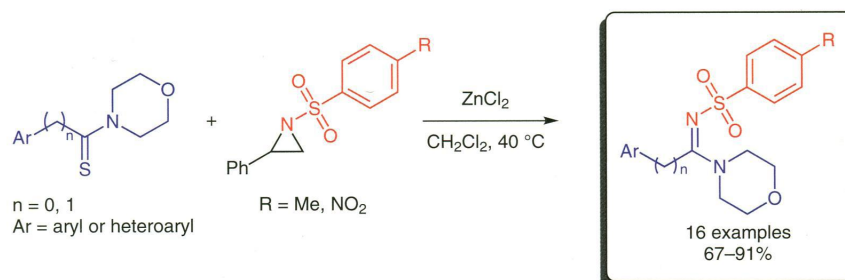
2039 B. Veena*
G. V. M. Sharma

Stereoselective Synthesis of Macrophelide I



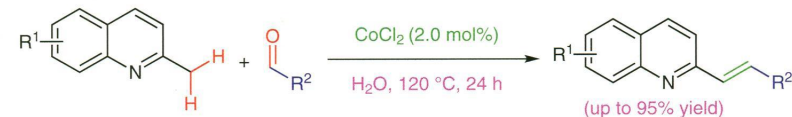
2044 K. Hajibabaei
H. Zali-Boeini*

Zinc Chloride Catalyzed Ring Opening of *N*-Arylsulfonyl Aziridines by Thioamides: A New Approach to the Synthesis of Amidines

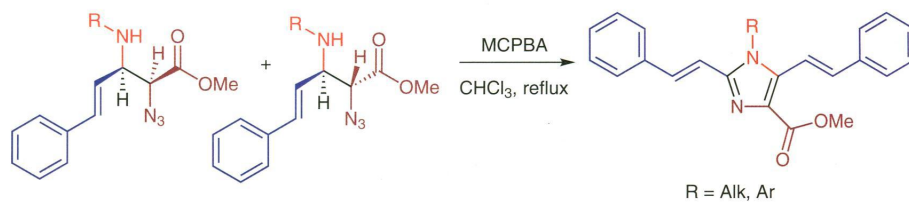


2049 Z. Jamal
Y.-C. Teo*

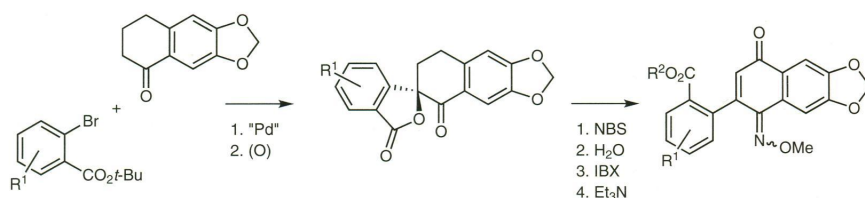
Cobalt-Catalyzed Direct Alkenylation of 2-Methylquinolines with Aldehydes via C(sp³)-H Functionalization in Water



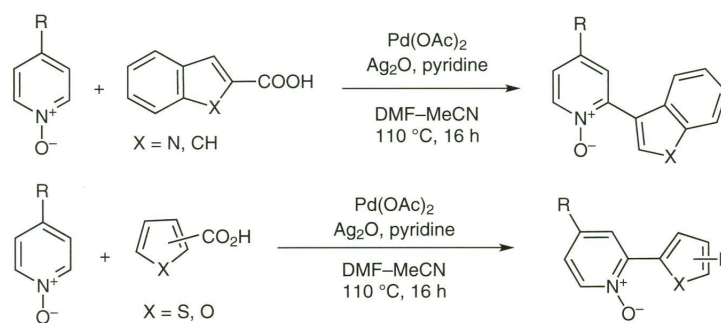
2054

R. Raj
M. S. Hundal
V. Kumar***MCPBA-Promoted Tandem Michael Addition–Intramolecular Cyclization of 2-Azido- β -amino Esters: Single Pot, Convenient Access to 1,2,4,5-Tetra-substituted Imidazoles**

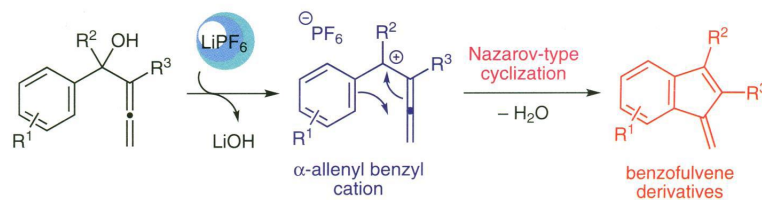
2059

S. Mkhize
N. Suzuki*
A. Kurosawa
M. Fujinami
C. Chaicharoenpong
T. Ishikawa***New Synthetic Procedure for 2-Aryl-1,4-naphthoquinone-1-oxime Methyl Ethers with Potent Antitumor Activity**

2064

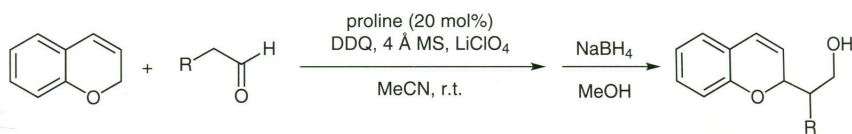
R. Suresh
S. Muthusubramanian*
R. Senthilkumar**Regioselective Cross-Dehydrogenative Coupling of Indole-2-carboxylic Acids and Pyridine-*N*-oxides Followed by Protodecarboxylation**

2067

M. Sai
S. Matsubara***Lithium(1+)-Catalyzed Nazarov-Type Cyclization of 1-Arylbuta-2,3-dien-1-ols: Synthesis of Benzofulvene Derivatives**

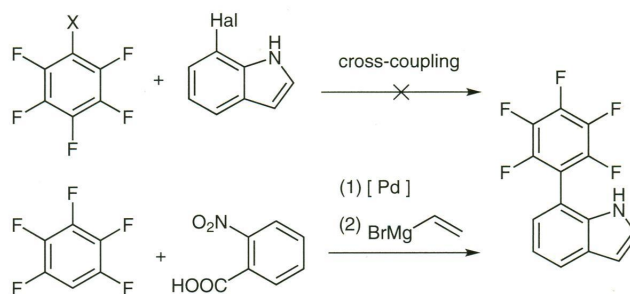
2072 Z.-J. Wu
J. Qian
T.-T. Wang
Z.-Z. Huang*

Proline-Catalyzed Dehydrogenative Cross-Coupling Reaction between Chromene and Aldehydes



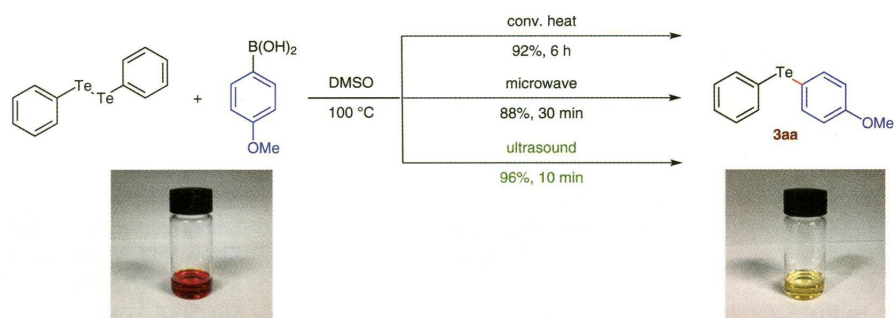
2075 Z.-H. Sun
M. Albrecht*
M. Giese
F. Pan
K. Rissanen

Synthesis of 7-Pentafluorophenyl-1*H*-indole: An Anion Receptor for Anion- π Interactions



2078 B. Mohan
S. Hwang
S. Jang
K. H. Park*

Ultrasound-Assisted, Transition-Metal-Free Synthesis of Diaryl Tellurides from Aryl Boronic Acids: A Possible Free-Radical Mechanism



2083 K. Hajibabaei

2-Thioxothiazolidin-4-one (Rhodanine)

2085 S. P. Swain

Applications of Allenylsilanes in Organic Synthesis

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Forthcoming Articles

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- Bandi, C. 1991
 Begari, E. 1997
 Bényei, A. C. 2001
- Chaicharoenpong, C. 2059
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