

Synlett

Synlett 2018, 29, 1801–1806
DOI: 10.1055/s-0037-1610141

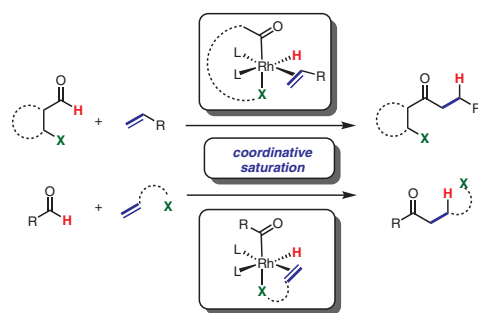
R. Guo
G. Zhang*

Shanghai Institute of Organic
Chemistry, P. R. of China

Recent Advances in Intermolecular Hydroacylation of Alkenes with Aldehydes through Rhodium Catalysis

Synfacts

1801



Synlett

Synlett 2018, 29, 1807–1813
DOI: 10.1055/s-0037-1610125

X.-L. Xu

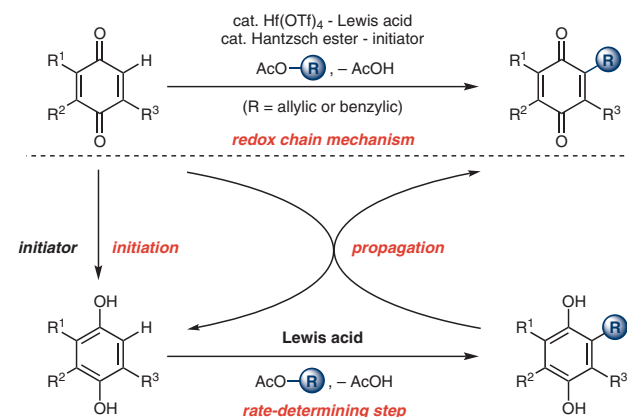
Z. Li*

ShanghaiTech University, P. R. of
China

Deciphering the Redox Chain Mechanism in the Catalytic Alkylation of Quinones

Synfacts

1807



Synlett 2018, 29, 1814–1822
DOI: 10.1055/s-0037-16110021

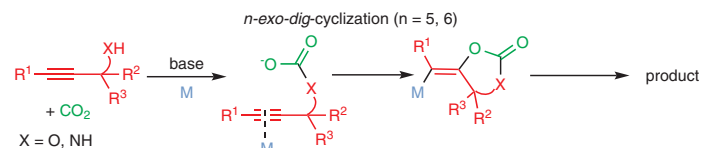
B. Wang

S. Sun

J. Cheng*

Changzhou University, P. R. of
China

1814

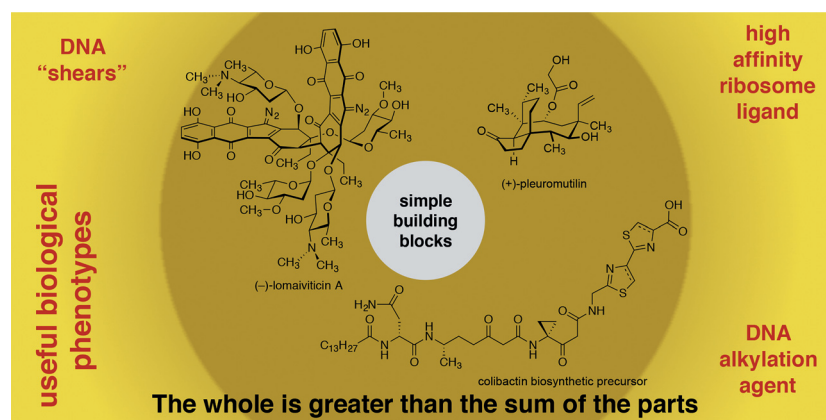


Synlett 2018, 29, 1823–1835
DOI: 10.1055/s-0037-1610242

S. B. Herzon*

Yale University, USA

1823



Synlett 2018, 29, 1836–1841
DOI: 10.1055/s-0037-1610198

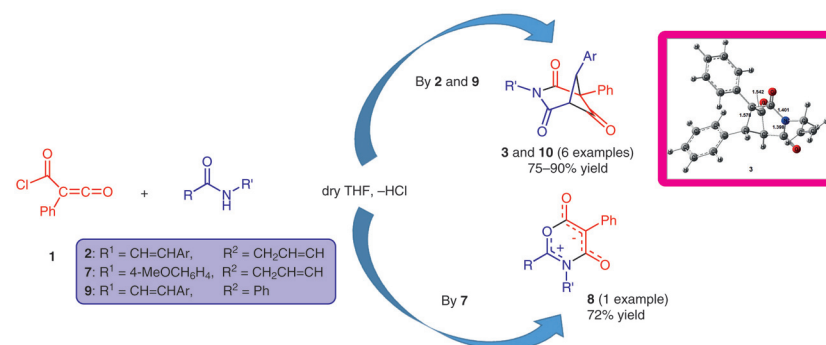
M. Zahedifar*

H. Sheibani

V. Saheb

University of Jiroft, Iran

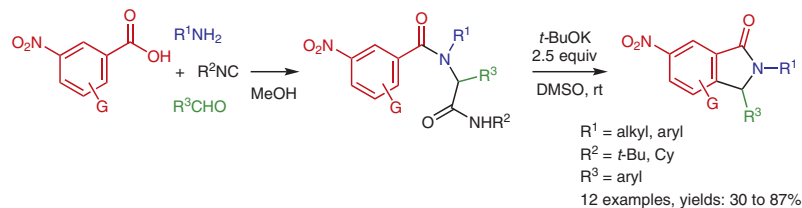
1836



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Metal-free Deamidative Ugi Access to Isoindolinones

Letter

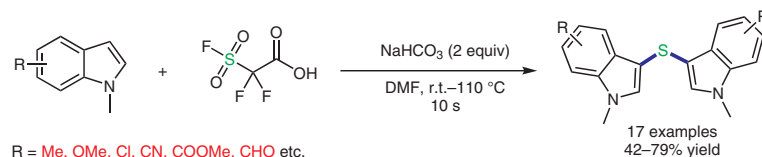
Synlett 2018, 29, 1842–1846
DOI: 10.1055/s-0037-1610189S. Baaziz
M. D. Kerim
M. Cordier
L. Hammal*
L. El Kaïm*Université Paris-Saclay, France
Université des Sciences et de la
Technologie Houari Boumediene
(USTHB), Algeria

1842

Synlett

Transition-Metal-Free Efficient Synthesis of Bisindole Sulfanes Using 2-(Fluorosulfonyl)difluoroacetic Acid

Letter

Synlett 2018, 29, 1847–1850
DOI: 10.1055/s-0037-1609573Y. Li*
L.-T. Shi
W.-Q. Zhu
H. Li
Q. ZhangXi'an Polytechnic University,
P. R. of China

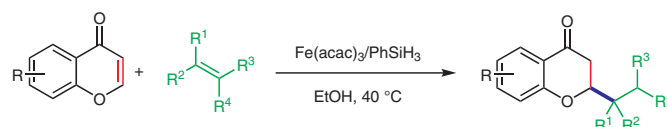
● transition-metal-free
 ● functional group tolerant
 ● in 10 s complete

1847

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A Synthetic Strategy for 2-Alkylchromanones: Fe(III)-Catalyzed Reductive Cross-Coupling of Unactivated Alkenes with Chromones

Letter

Synlett 2018, 29, 1851–1856
DOI: 10.1055/s-0036-1591601X.-L. Chen
Y. Dong
L. Tang
X.-M. Zhang
J.-Y. Wang*Chengdu Institute of Organic
Chemistry, P. R. of China

- reductive coupling of olefins
- mild conditions
- 24 examples, up to 85% yield
- alkenes: monosubstituted or disubstituted terminal alkenes, trisubstituted and tetrasubstituted alkenes
- R: Me, MeO, OH, F, Cl, Br

1851

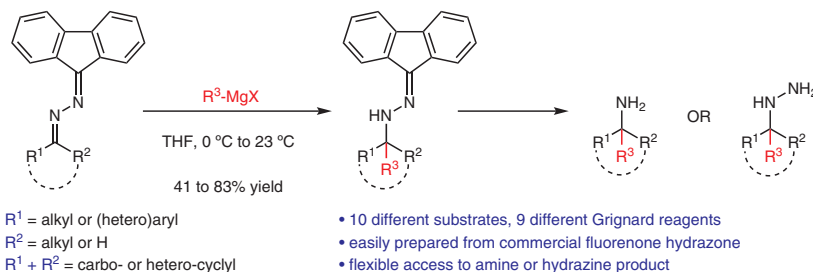
Synlett

Synlett 2018, 29, 1857–1860
DOI: 10.1055/s-0037-1609551P. Mukashyaka
G. L. Hamilton*
Genentech Inc., USA

A Fluorenyl Activating Group Enables Addition of Simple Grignard Reagents to C=N Electrophiles

Letter

1857

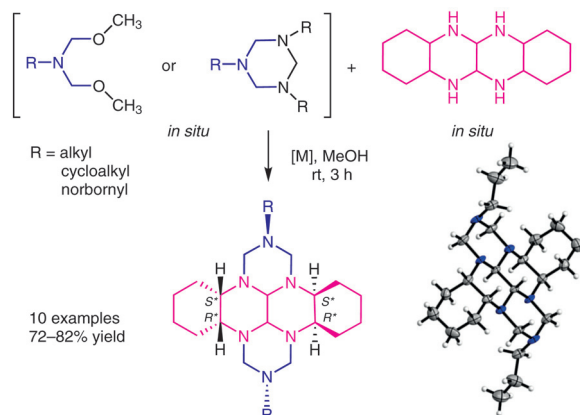


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Synlett 2018, 29, 1861–1866
DOI: 10.1055/s-0037-1610201E. B. Rakhimova*
V. Y. Kirsanov
E. S. Mescheryakova
L. M. Khalilov
A. G. Ibragimov
U. M. Dzhemilev
Institute of Petrochemistry and
Catalysis, Russian FederationFirst Synthesis of 2,9-Disubstituted *cis*-2,3a,7b,9,10a,14b-Hexaazaperhydrodibenzotetracenes

Letter

1861



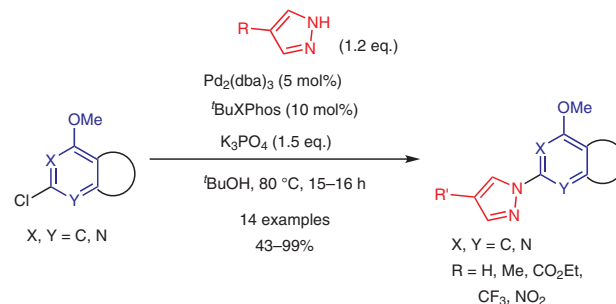
Synlett

Synlett 2018, 29, 1867–1870
DOI: 10.1055/s-0037-1609906T. Goi*
K. Fukase
Mitsubishi Tanabe Pharma Corporation, Japan

Highly Efficient Coupling of Unstable Bicyclic Pyrimidines and Pyrazoles under Basic Conditions, and its Application to the Synthesis of Pharmaceutical Compounds

Letter

1867



Synlett

Synlett 2018, 29, 1871–1874
DOI: 10.1055/s-0037-1610213

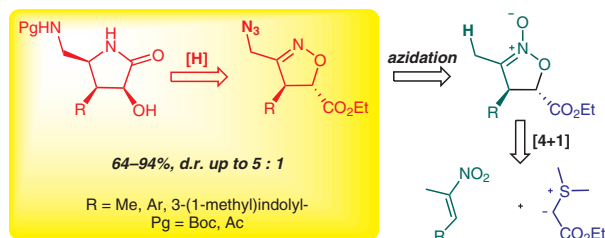
P. A. Zhmurov
P. Y. Ushakov
R. A. Novikov
A. Y. Sukhorukov*
S. L. Ioffe

N. D. Zelinsky Institute of Organic Chemistry, Russian Federation

A Novel Entry to 3,4,5-Trisubstituted 2-Pyrrolidones from Isoxazoline-*N*-oxides

Letter

1871



Synlett

Synlett 2018, 29, 1875–1880
DOI: 10.1055/s-0037-1609558

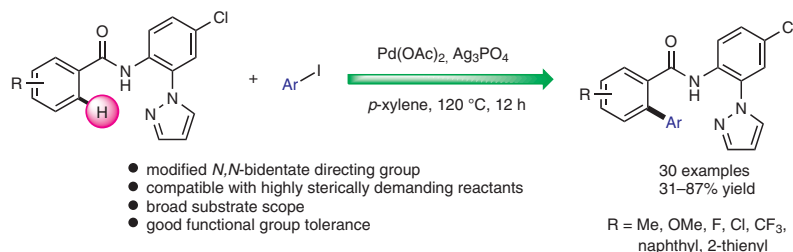
Y.-H. Hu
Z. Xu
L.-Y. Shao
Y.-F. Ji*

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

Palladium-Catalyzed Arylation of Aromatic Amides Directed by a [4-Chloro-2-(1*H*-pyrazol-1-yl)phenyl]amine Auxiliary

Letter

1875



Synlett

Synlett 2018, 29, 1881–1886
DOI: 10.1055/s-0037-1609911

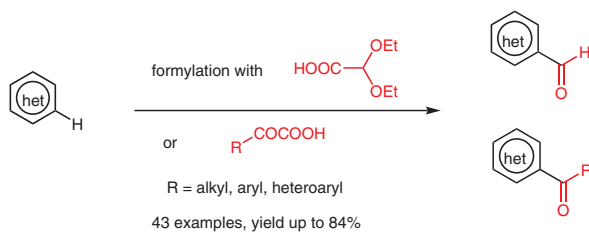
W. Jia
Y. Jian
B. Huang
C. Yang*
W. Xia*

Harbin Institute of Technology (Shenzhen), P. R. of China

Photoredox-Catalyzed Decarboxylative C–H Acylation of Heteroarenes

Letter

1881



Synlett

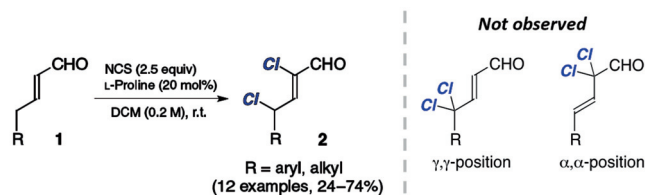
Synlett 2018, 29, 1887–1891
DOI: 10.1055/s-0037-1609559S. Arimitsu*
K. Terukina
T. Ishikawa

University of the Ryukyus, Japan

Stereoselective Synthesis of 4-Substituted 2,4-Dichloro-2-butenals by α - and γ -Regioselective Double Chlorination of Dienamine Catalysis

Letter

1887



- α, γ -position only
- Z-isomer only ($Z/E = >20/1$)

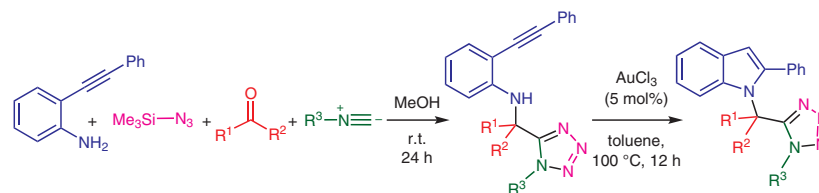
Synlett

Synlett 2018, 29, 1892–1896
DOI: 10.1055/s-0037-1610502A. Nikbakht
S. Balalaie*
F. Baghestani
F. RomingerK. N. Toosi University of Technol-
ogy, Iran

Efficient Synthesis of Indole Derivatives Containing the Tetrazole Moeity Utilizing an Ugi-Azide Post-Transformation Strategy

Letter

1892



Synlett

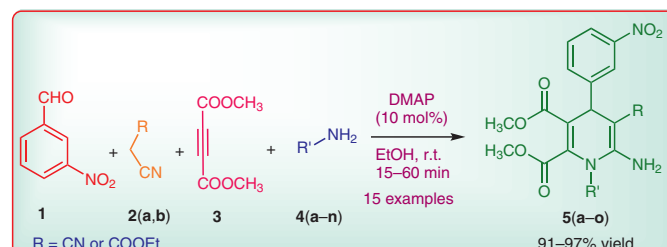
Synlett 2018, 29, 1897–1901
DOI: 10.1055/s-0037-1609579R. Ramesh
M. Arivazhagan
J. G. Malecki
A. Lalitha*

Periyar University, India

Improved One-Pot, Four-Component Strategy to Access Functionalized Dihydropyridines by Using 4-(*N,N*-Dimethylamino)pyridine as a Catalyst

Letter

1897



Synlett

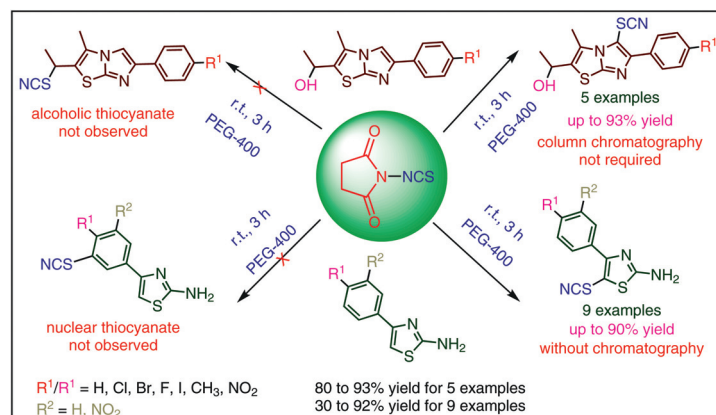
Synlett 2018, 29, 1902–1908
DOI: 10.1055/s-0037-1609553

S. N. Kadam
A. N. Ambhore
M. J. Hebade
R. D. Kamble
S. V. Hese
M. V. Gaikwad
P. D. Gavhane
B. S. Dawane*
Swami Ramanand Teerth
Marathwada University, India

Metal-Free One-Pot Chemoselective Thiocyanation of Imidazothiazoles and 2-Aminothiazoles with in situ Generated N-Thiocyanatosuccinimide

Letter

1902



Synlett

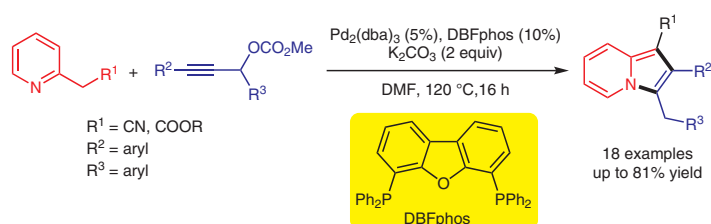
Synlett 2018, 29, 1909–1913
DOI: 10.1055/s-0037-1609552

Y. Yang*
T. Wu
Y. Fang
Guizhou Medical University, P. R. of China
The Key Laboratory of Chemistry for Natural Products of Guizhou Province, P. R. of China

Palladium-Catalyzed Regioselective Coupling of Secondary Propargyl Carbonates and Ethyl 2-(pyridin-2-yl)acetate Derivatives: Facile Access to C-3 Benzylated Indolizines

Letter

1909



Synlett

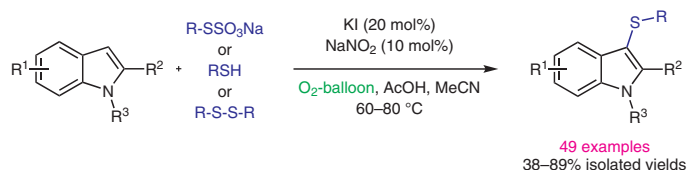
Synlett 2018, 29, 1914–1920
DOI: 10.1055/s-0037-1610532

C. Xu
S. Yi
M. Li*
X. Hu
N. Sun
L. Jin
B. Hu
Z. Shen*
Zhejiang University of Technology, P. R. of China

Synthesis of 3-Sulfenylindoles from Indoles and Various Sulfenylation Agents through Aerobic Oxidative C–S Bond Coupling

Letter

1914

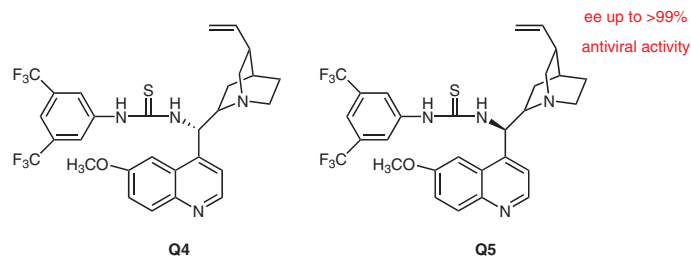
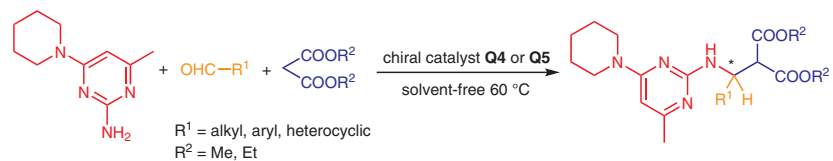


Synlett

Synlett 2018, 29, 1921–1925
DOI: 10.1055/s-0037-1609910S. Bai*
S. Liu
Y. Zhu
K. Zhao
Q. WuGuizhou Institute of Technology,
P. R. of ChinaAntiviral Bioactivity of Chiral β -Amino Acid Ester Derivatives
Synthesized through a One-Pot, Solvent-Free Asymmetric
Mannich Reaction

Letter

1921

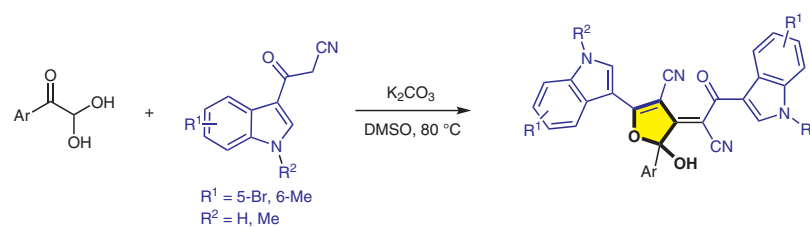


Synlett

Synlett 2018, 29, 1926–1932
DOI: 10.1055/s-0037-1609555Q. Cai
H.-Y. Sheng
D.-K. Li
Y. Liu*
A.-X. Wu*Wuhan University of Science and
Technology, P. R. of China
Central China Normal University,
P. R. of ChinaBase-Promoted Tandem Cyclization for the Synthesis of
Polyfunctional 2-Hydroxy-2,3-dihydrofurans from Arylglyoxal
Monohydrates and 3-(1*H*-Indol-3-yl)-3-oxopropanenitrile

Letter

1926



- gram-scale reaction
- 22 examples, up to 93% yield
- readily available materials
- one-pot one-step operation