

Synlett

Synlett 2019, 30, 987–996
DOI: 10.1055/s-0037-1611738

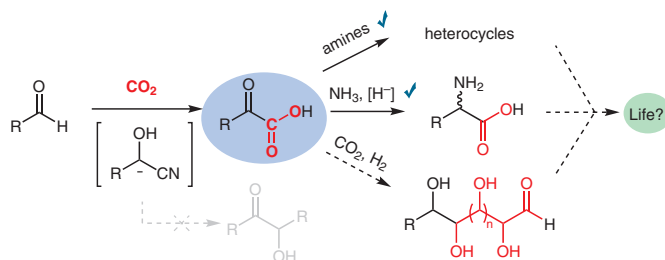
M. Juhl
M. J. Kim
H.-Y. Lee*
M.-H. Baik*
J.-W. Lee*

University of Copenhagen,
Denmark
Korea Advanced Institute of Sci-
ence and Technology (KAIST),
Republic of Korea
Institute for Basic Science (IBS),
Republic of Korea

Aldehyde Carboxylation: A Concise DFT Mechanistic Study and a Hypothetical Role of CO₂ in the Origin of Life

Synfacts

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Synlett 2019, 30, 997–1002
DOI: 10.1055/s-0037-1611729

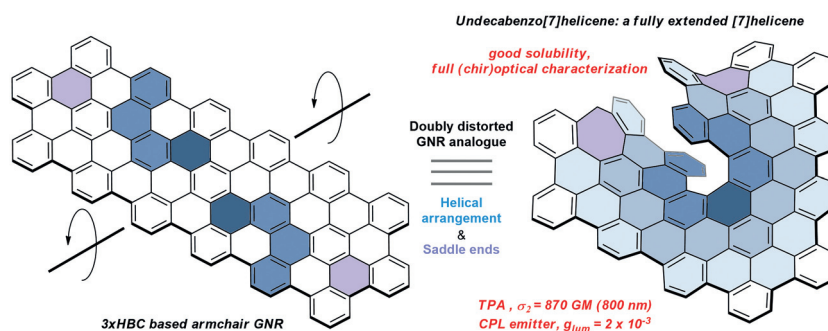
C. M. Cruz
S. Castro-Fernández
E. Maçôas
A. Millán
A. G. Campaña*

Universidad de Granada, Spain

Combining Defects in a Single Nanographene: A Fully Helical Saddle Ribbon

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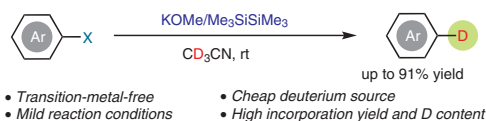
997



Synlett 2019, 30, 1003–1007
DOI: 10.1055/s-0037-1610699

X. Wang
M.-H. Zhu
W.-B. Liu*

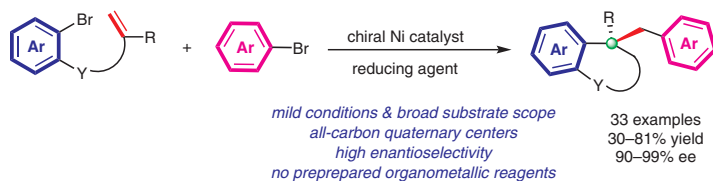
Wuhan University, P. R. of China



Synlett 2019, 30, 1008–1014
DOI: 10.1055/s-0037-1612214

K. Wang
W. Kong*

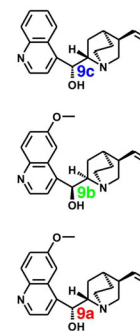
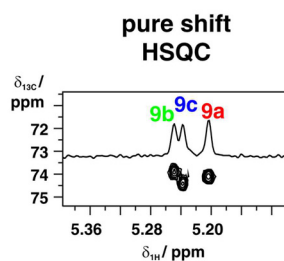
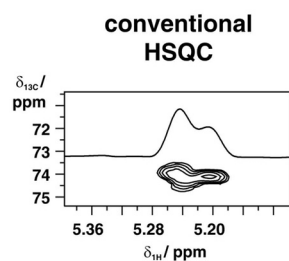
Wuhan University, P. R. of China



Synlett 2019, 30, 1015–1025
DOI: 10.1055/s-0037-1612057

P. Kiraly
G. A. Morris
L. Quanxiu
M. Nilsson*

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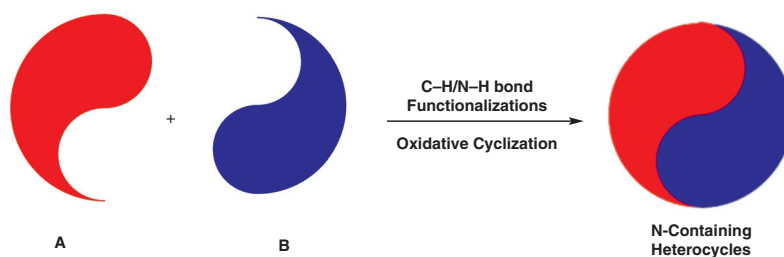
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Synlett 2019, 30, 1026–1036
DOI: 10.1055/s-0037-1611476X. Liu*
Y. Huang
X. Meng
J. Li
D. Wang
Y. Chen
D. Tang
B. Chen*China Three Gorges University,
P. R. of China
Lanzhou University, P. R. of
China

Recent Developments in the Synthesis of Nitrogen-Containing Heterocycles through C–H/N–H Bond Functionalizations and Oxidative Cyclization

Account

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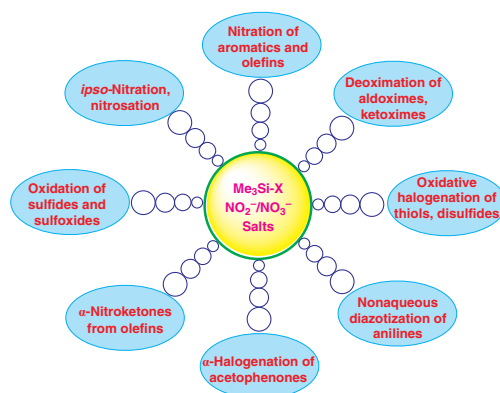
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Synlett 2019, 30, 1037–1047
DOI: 10.1055/s-0037-1612105T. Mathew*
L. Gurung
S. Roshandel
S. B. Munoz
G. K. S. Prakash*University of Southern California,
USA

Halotrimethylsilane-Nitrite/Nitrate Salts: Efficient and Versatile Reagent System for Diverse Organic Synthetic Transformations

Account

1037



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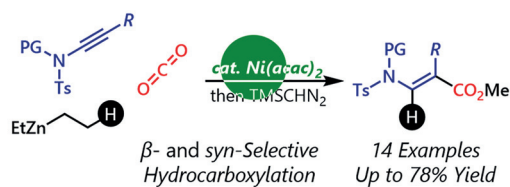
Synlett 2019, 30, 1048–1052
DOI: 10.1055/s-0037-1611529R. Doi
T. Okano
I. Abdullah
Y. Sato*

Hokkaido University, Japan

Nickel-Catalyzed β -Carboxylation of Ynamides with Carbon Dioxide

Letter

1048

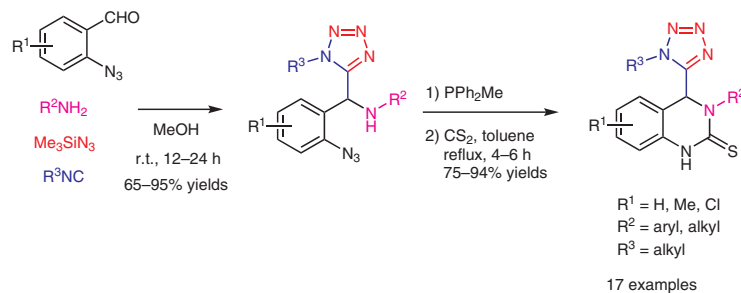


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Synlett 2019, 30, 1053–1056
DOI: 10.1055/s-0037-1611817J. Xiong*
Q. Min
G. Yao
J.-A. Zhang
H.-F. Yu
M.-W. Ding*Hubei University of Science and
Technology, P. R. of China
Central China Normal University,
P. R. of ChinaNew Facile Synthesis of 3,4-Dihydroquinazoline-2(1H)-thiones
by a Sequential Ugi-Azide/Staudinger/Aza-Wittig/Cyclization
Reaction

Letter

1053

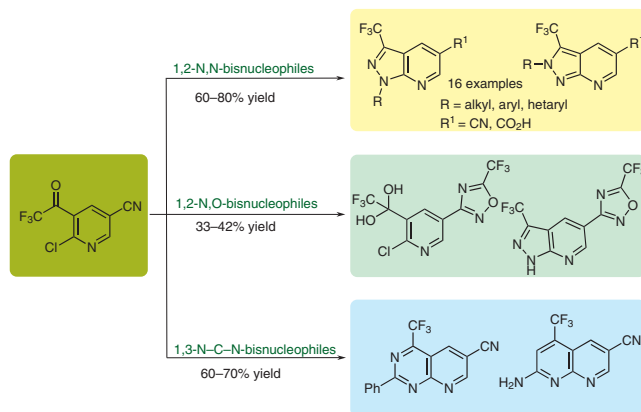


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Synlett 2019, 30, 1057–1066
DOI: 10.1055/s-0037-1611815M. B. Channapur
R. G. Hall
J. Kessabi
M. Montgomery
A. S. Shydligeri*Syngenta Biosciences Private
Limited, Santa Monica Works,
IndiaSynthesis of 6-Chloro-5-(trifluoroacetyl)pyridine-3-carbonitrile:
A Novel, Versatile Intermediate for the Synthesis of Trifluoro-
methylated Azaindazole Derivatives

Letter

1057

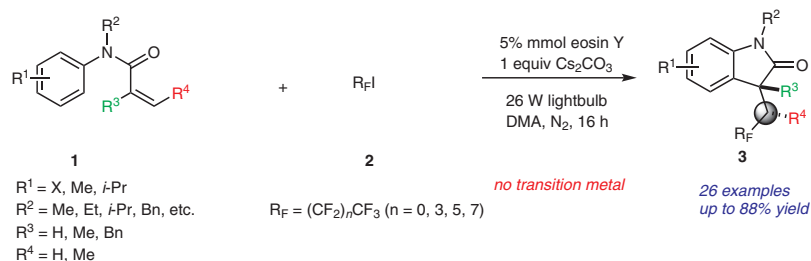


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Synlett 2019, 30, 1061–1066
DOI: 10.1055/s-0037-1611781Z. Yang*
A. Tang
Guizhou Institute of Technology,
P. R. of ChinaSynthesis of Perfluoroalkyl-Substituted Oxindoles through
Organophotoredox-Catalyzed Perfluoroalkylation of *N*-arylacry-
lamides with Perfluoroalkyl Iodides

Letter

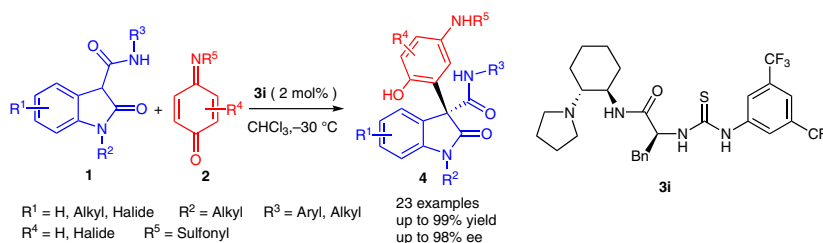
1061



H. Chen
H. Liu
S.-H. Zhao
S.-B. Cheng
X.-Y. Xu
W.-C. Yuan
X.-M. Zhang*Chengdu Institute of Organic
Chemistry, P. R. of ChinaEnantioselective Arylation of 3-Carboxamide Oxindoles with
Quinone Monoimines and Synthesis of Chiral Spirooxindole-
benzofuranones

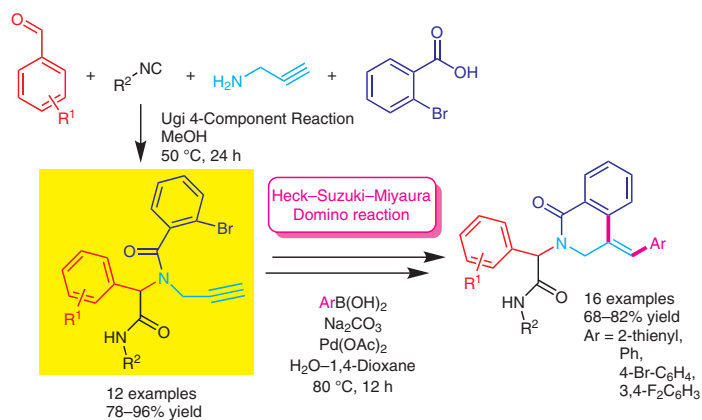
Letter

1067

M. S. Asgari
R. Mirzazadeh
B. Larijani
P. Rashidi Ranjbar*
R. Rahimi
M. Mahdavi*University of Tehran, Iran
Tehran University of Medicinal
Sciences, IranPalladium-Catalyzed Regioselective Heck–Suzuki–Miyaura
Cascade Cyclization for the Synthesis of Trisubstituted Arylideneiso-
quinolinones

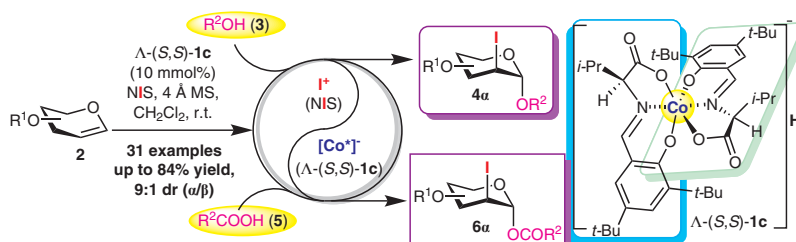
Letter

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R. Wang
W.-Q. Wu
N. Li
J. Shen
K. Liu
J. Yu*
Anhui Agricultural University,
P. R. of ChinaBrønsted Acids of Anionic Chiral Cobalt(III) Complexes as Catalysts for
the Iodoglycosylation or Iodocarboxylation of Glycals

Letter

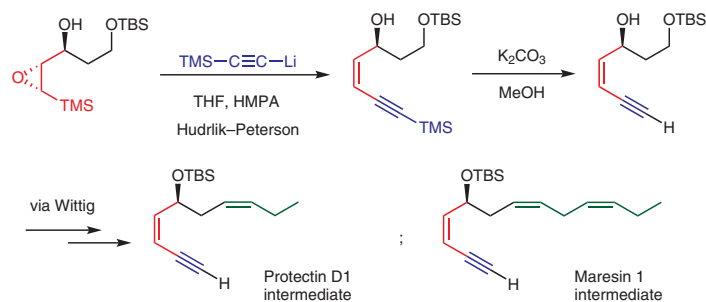
1077



S. Saito
Y. Nanba
M. Morita
Y. Kobayashi*Tokyo Institute of Technology,
JapanThe Hudrlik–Peterson Reaction of Secondary *cis*-TMS-Epoxy Alcohols and its Application to the Synthesis of the Fatty Acid Intermediates

Letter

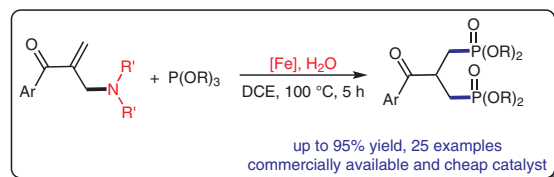
1085

S. Guo
K. Jie
L. Huang
Z. Zhang
Y. Wang
Z. Fu
H. Cai*Nanchang University,
P. R. of China

Fe-Catalyzed Bisphosphorylation of Amino-2-en-1-ones with Trialkyl Phosphites

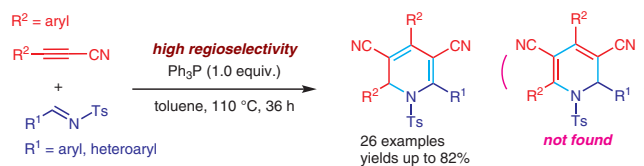
Letter

1090

J. Zhang
Q. Zhang
X. Ji
L.-G. Meng*HuaiBei Normal University,
P. R. of ChinaHighly Regioselective Phosphine-Promoted [2+2+2] Annulations of Cyanoacetylenes and *N*-Tosylimines to 1,2-Dihydropyridine-3,5-dicarbonitrile Derivatives

Letter

1095



Synlett 2019, 30, 1100–1104
DOI: 10.1055/s-0037-1611537

X. Xia

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