

Bismuth(V)-Mediated C–H Arylation of Phenols and Naphthols

A. Senior, L. T. Ball

3

Synlett

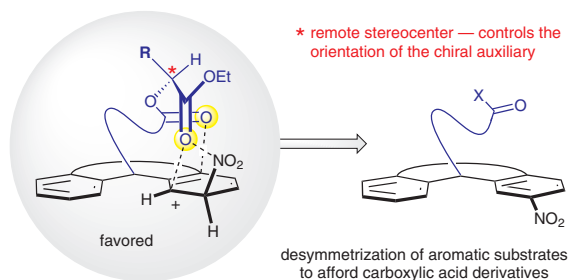
Synlett 2021, 32, 229–234
DOI: 10.1055/s-0040-1707296

M. Sharafi
J. P. Campbell
K. E. Murphy
R. Osadchey Brown
S. T. Schneebeli*
University of Vermont, USA

Chiral Auxiliaries for Stereoselective Electrophilic Aromatic Substitutions

Synfacts

229



Synlett

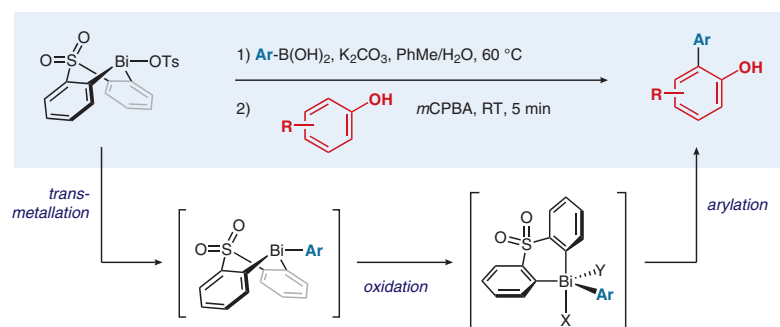
Synlett 2021, 32, 235–240
DOI: 10.1055/s-0040-1706294

A. Senior
L. T. Ball*
University of Nottingham, UK

Bismuth(V)-Mediated C–H Arylation of Phenols and Naphthols

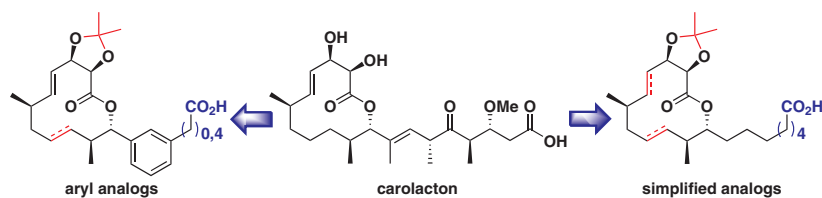
Synfacts

235



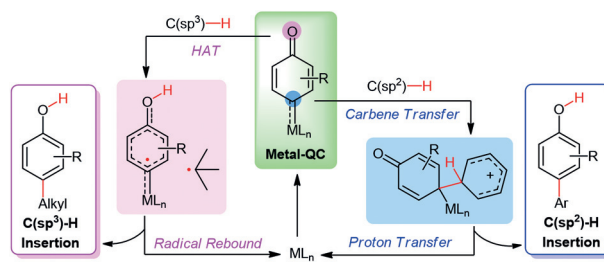
Synlett 2021, 32, 241–248
DOI: 10.1055/s-0040-1707244

A. E. Solinski
W. M. Wuest*
Emory University, USA
Emory University School
of Medicine, USA



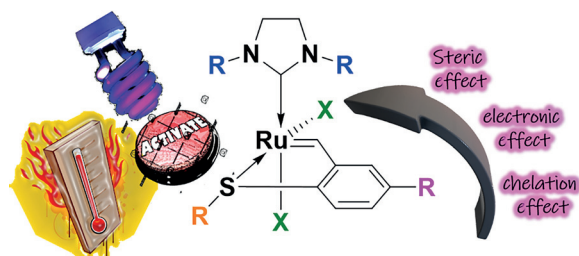
Synlett 2021, 32, 249–257
DOI: 10.1055/s-0040-1707221

H.-X. Wang
K. Wu
C.-M. Che*
The University of Hong Kong,
P. R. of China
HKU Shenzhen Institute of
Research & Innovation, P. R. of
China



Synlett 2021, 32, 258–266
DOI: 10.1055/s-0040-1707231

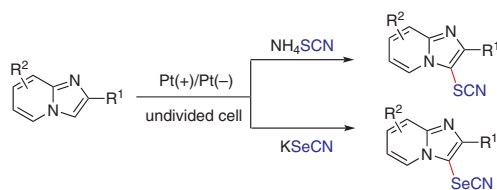
N. B. Nechmad
N. G. Lemcoff*
Ben-Gurion University of the
Negev, Israel



Synlett 2021, 32, 267–272
DOI: 10.1055/a-1299-3009

T. Cui
X. Zhang
J. Lin
Z. Zhu
P. Liu*
P. Sun*

Nanjing Normal University, P. R. of China

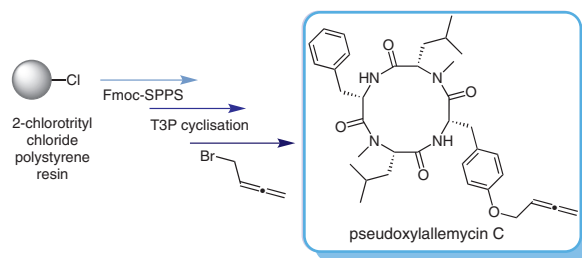


40 examples, yields 52–88%
R¹ = aryl, alkyl; R² = alkyl, halo, CN, CF₃, etc.

Synlett 2021, 32, 273–276
DOI: 10.1055/a-1282-6870

A. J. Cameron*
C. Park
G. K. Howard
P. W. R. Harris
M. A. Brimble*

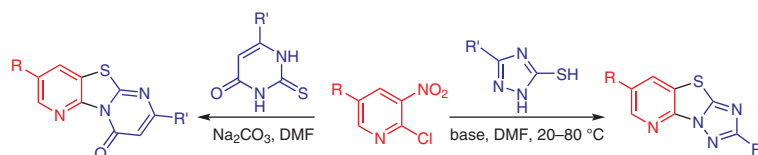
The University of Auckland,
New Zealand



Synlett 2021, 32, 277–282
DOI: 10.1055/s-0040-1705960

A. M. Starosotnikov*
M. A. Bastrakov
V. V. Kachala
I. V. Fedyanin
T. A. Klimova
V. V. Ivanova
I. L. Dalinger

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

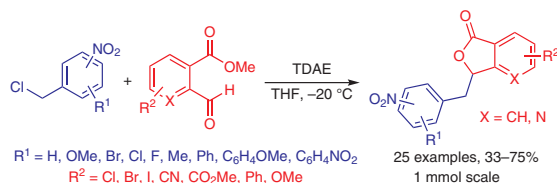


13 examples, 18–81% yield
R = NO₂, CO₂Me, CF₃

Synlett 2021, 32, 283–286
DOI: 10.1055/a-1290-8349

M. Ibrahim
O. Khoumeri
R. Abderrahim
T. Terme
P. Vanelle*

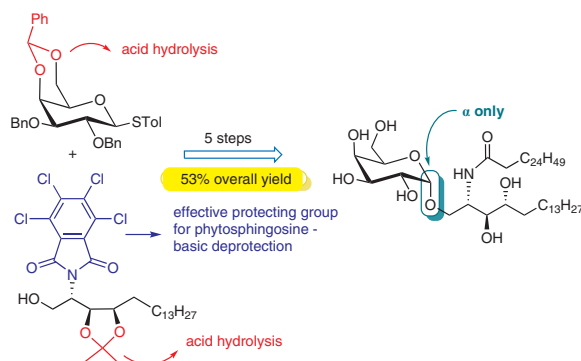
Aix-Marseille Université, France



Synlett 2021, 32, 287–290
DOI: 10.1055/a-1293-9578

D. Imperio*
L. Morelli
F. Compostella
L. Panza

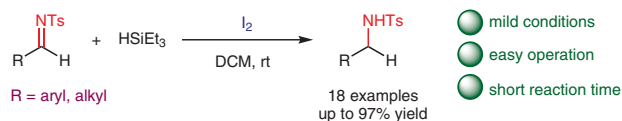
Università degli Studi del
Piemonte Orientale, Italy



Synlett 2021, 32, 291–294
DOI: 10.1055/s-0040-1706544

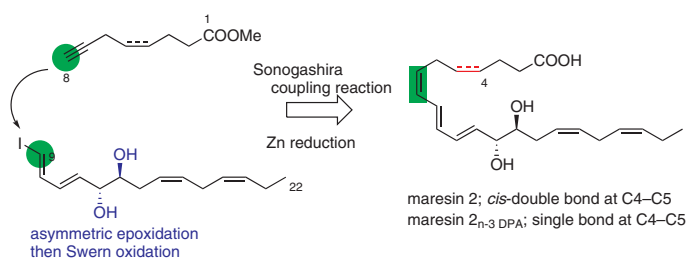
J. Jiang*
L. Xiao
Y.-L. Li

Sichuan University of Science
and Engineering, P. R. of China
Key Laboratory of Green Chem-
istry of Sichuan Institutes of
Higher Education, P. R. of China



Synlett 2021, 32, 295–298
DOI: 10.1055/s-0040-1705959

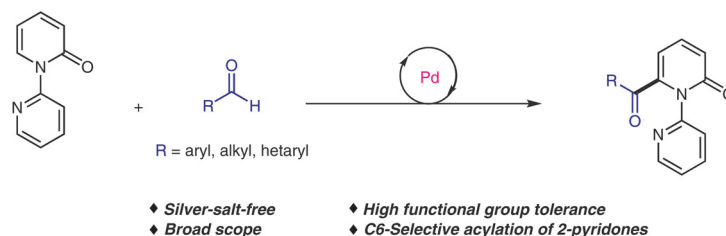
N. Ogawa*
T. Amano
Y. Kobayashi
Meiji University, Japan



Synlett 2021, 32, 299–303
DOI: 10.1055/s-0040-1706546

Z. Chen
L. Zhang
D. Zhao
G. Hu
C. Yu*

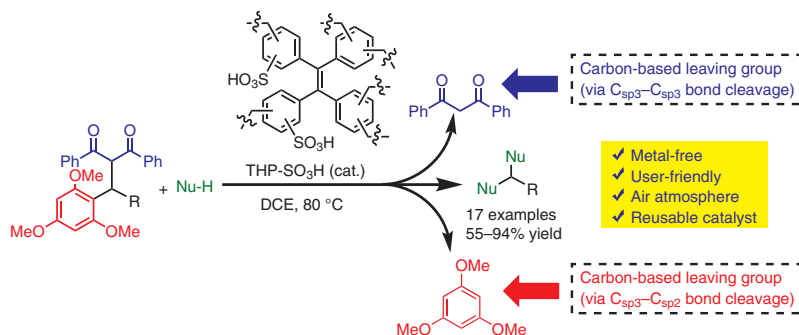
Zhejiang University of Technology,
P. R. of China



Synlett 2021, 32, 304–308
DOI: 10.1055/a-1277-3995

G. Kalita
N. Deka
D. Paul
L. Thapa
G. K. Dutta*
P. N. Chatterjee*

National Institute of Technology
Meghalaya, India



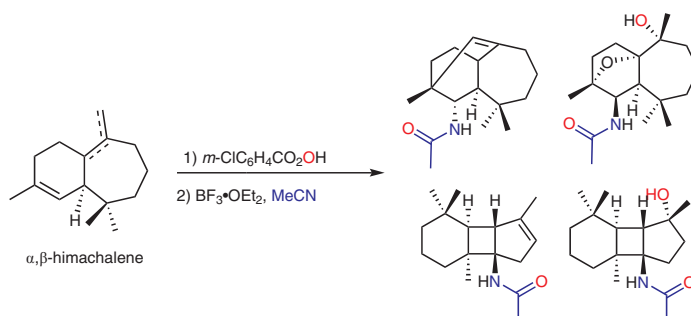
M. Ait El Had*
M. Zaki
M. Taourite
A. Benharref
M. Urrutigoity
A. Oukhrif*

Université Cadi Ayyad, Morocco
Faculté des Sciences et Techniques de Marrakech (FSTGM), Morocco
Université de Toulouse, France

BF₃·OEt₂-Catalyzed Rearrangement of Epoxy-Himachalenes: Access to New Biosourced *N*-Acetamide-Based Himachalenes

Letter

309



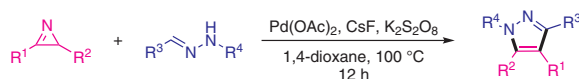
J. Shao
K. Shu
S. Liu
H. Zhu
J. Zhang
C. Zhang
L.-H. Zeng
W. Chen*

Zhejiang University City College,
P. R. of China
Zhejiang University, P. R. of
China

Palladium-Catalyzed Synthesis of Polysubstituted Pyrazoles by Ring-Opening Reactions of 2*H*-Azirines with Hydrazones

Letter

316

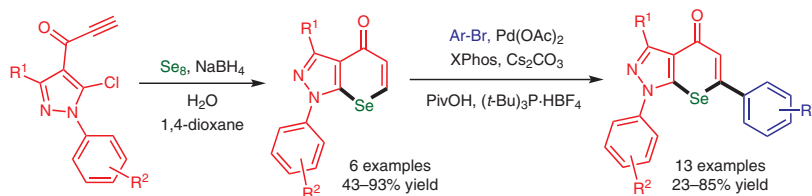


I.-H. Choi
H. B. Jalani*
J.-H. Jeong*
Yonsei University, Republic of
Korea
Smart BioPharm, Republic of
Korea

Synthesis of Selenopyrano[2,3-*c*]pyrazol-4(1*H*)-ones and Their C–H Activation

Letter

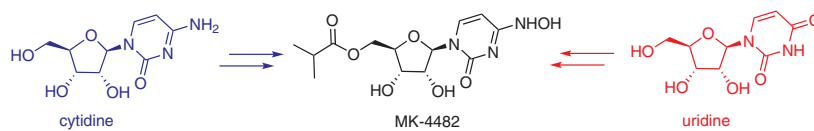
321



Synlett 2021, 32, 326–328
DOI: 10.1055/a-1275-2848

V. Gopalsamuthiram
C. Williams
J. Noble
T. F. Jamison
B. F. Gupton
D. R. Snead*

Virginia Commonwealth University, USA



- low-cost starting material
- 4 steps
- 44% overall yield

- higher-cost raw material
- 5 steps
- <17% overall yield