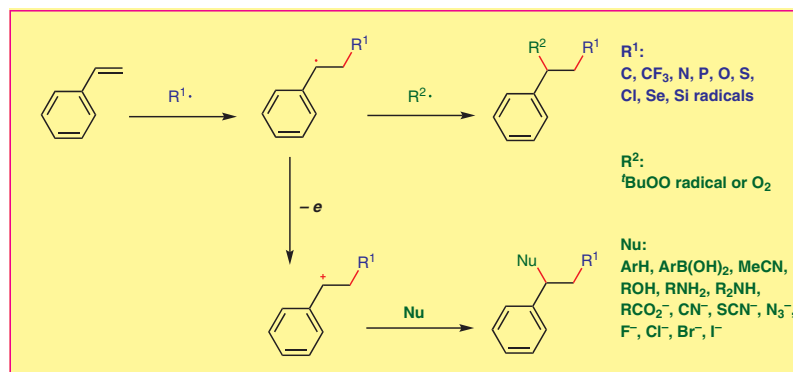


Synthesis
Radical-Mediated Difunctionalization of Styrenes
Review

Synthesis **2019**, 51, 4507–4530
 DOI: 10.1055/s-0039-1690987

X. Bao
J. Li
W. Jiang
C. Huo*

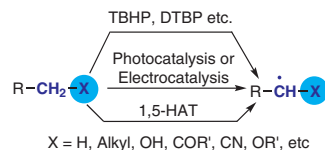
Northwest Normal University,
 P. R. of China

4507

Synthesis
Advances in C(sp³)-H Bond Functionalization via Radical Processes
Short Review

Synthesis **2019**, 51, 4531–4548
 DOI: 10.1055/s-0039-1690674

T. Zhang
Y.-H. Wu
N.-X. Wang*
Y. Xing*

Technical Institute of Physics and
 Chemistry & University of Chi-
 nese Academy of Sciences, P. R.
 of China
 William Paterson University of
 New Jersey, USA


4531

Synthesis

Recent Progress on the Synthesis of CF₂H-Containing Derivatives

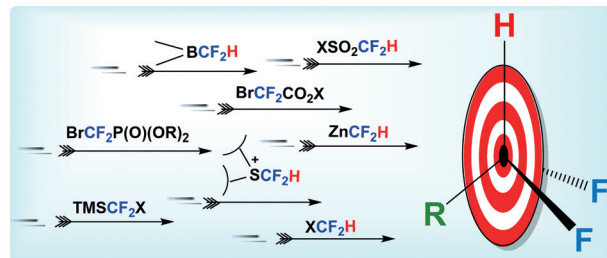
Short Review

Synthesis 2019, 51, 4549–4567
DOI: 10.1055/s-0039-1690027

N. Levi
D. Amir
E. Gershonov*
Y. Zafrani*

Israel Institute for Biological Research, Israel

4549



Synthesis

Stereoselective Synthesis of *syn*- γ -Hydroxynorvaline and Related α -Amino Acids

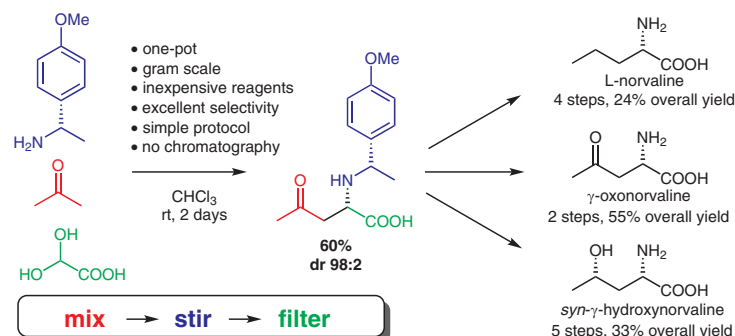
Feature

Synthesis 2019, 51, 4568–4575
DOI: 10.1055/s-0039-1690705

D. Valachová
B. Ferko
E. Puchřlová
O. Caletková
D. Berkeš
A. Kolarovič
P. Jakubec*

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4568



Synthesis

Sumanene Hexaester: An Electron-Deficient Buckybowl

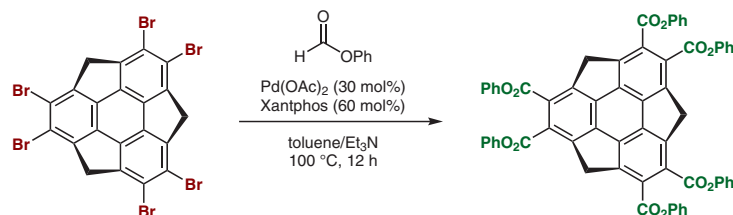
Paper

Synthesis 2019, 51, 4576–4581
DOI: 10.1055/s-0039-1690206

H. Toda
Y. Uetake
Y. Yakiyama
H. Nakazawa
T. Kajitani
T. Fukushima
H. Sakurai*

Osaka University, Japan

4576



Synthesis

Synthesis 2019, 51, 4582–4589
DOI: 10.1055/s-0039-1690200

A. V. Agafonova

I. A. Smetanin

N. V. Rostovskii

A. F. Khlebnikov

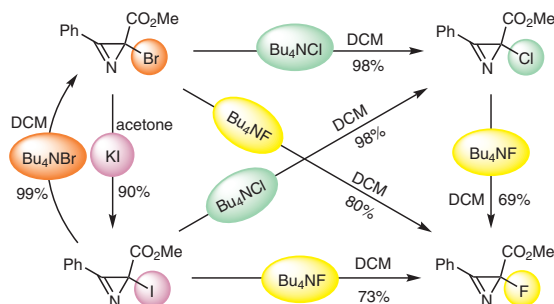
M. S. Novikov*

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Russia

Easy Access to 2-Fluoro- and 2-Iodo-2*H*-azirines via the Halex Reaction

Paper

4582



Synthesis

Synthesis 2019, 51, 4590–4600
DOI: 10.1055/s-0039-1690702

Y. Chen

F. Du

F. Chen

Q. Zhou

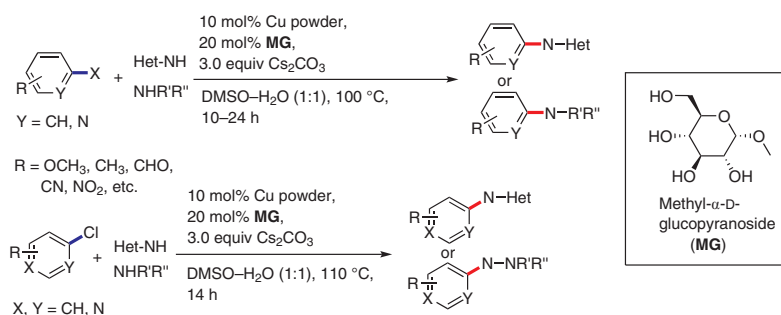
G. Chen*

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P. R. of China

Methyl- α -D-glucopyranoside as Green Ligand for Selective Copper-Catalyzed N-Arylation

Paper

4590



Synthesis

Synthesis 2019, 51, 4601–4610
DOI: 10.1055/s-0039-1690025

Shashi

M. A. Hussain

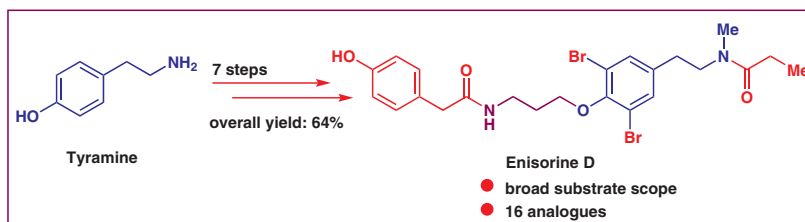
F. A. Khan*

Indian Institute of Technology
Hyderabad, India

Total Synthesis of Enisorine D and its Analogues

Paper

4601



Synthesis

Synthesis **2019**, *51*, 4611–4618
DOI: 10.1055/s-0037-1610730

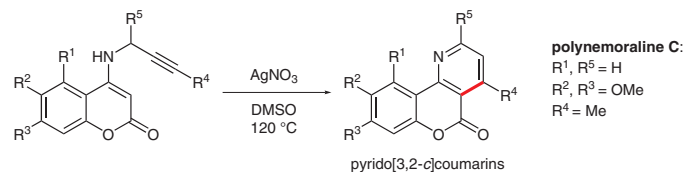
J. A Yoon
Y. T. Han*

Dankook University, Republic of Korea

Efficient Synthesis of Pyrido[3,2-c]coumarins via Silver Nitrate Catalyzed Cycloisomerization and Application to the First Synthesis of Polynemoraine C

Paper

4611



Synthesis

Synthesis **2019**, *51*, 4619–4624
DOI: 10.1055/s-0039-1690207

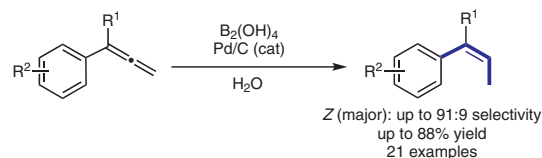
A. M. Gates
W. L. Santos*

Virginia Tech, USA

Regioselective Diboron-Mediated Semireduction of Terminal Allenes

Paper

4619



Synthesis

Synthesis **2019**, *51*, 4625–4634
DOI: 10.1055/s-0039-1690681

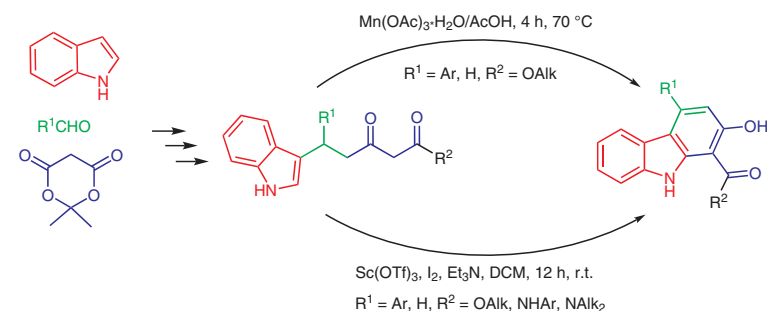
M. Szewczyk
M. Ryczkowska
S. Makowiec*

Gdansk University of Technology, Poland

Transition-Metal-Promoted Oxidative Cyclization To Give 1,2-Trisubstituted Carbazole Scaffolds

Paper

4625



Synthesis

Synthesis 2019, 51, 4635–4644
DOI: 10.1055/s-0037-1610729

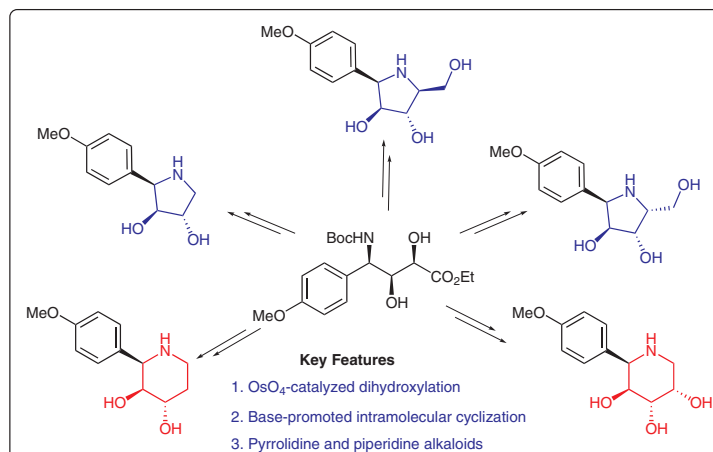
V. K. Jain*

Indian Institute of Technology
Kanpur, India

Divergent Synthesis of Various 2-Aryl Iminocyclitols from (R)-p-Hydroxyphenylglycine

Paper

4635



Synthesis

Synthesis 2019, 51, 4645–4649
DOI: 10.1055/s-0039-1690683

R. Wei

L. Ge

H. Bao

S. Liao*

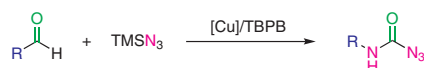
Y. Li*

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University of Chinese Academy
of Sciences, P. R. of China

Copper-Catalyzed Nitrogenation of Aromatic and Aliphatic Aldehydes: A Direct Route to Carbamoyl Azides

Paper

4645



- Aliphatic aldehydes and aryl aldehydes
- TBPB as the oxidant and initiator
- Yield up to 93%
- Copper catalysis

Synthesis

Synthesis 2019, 51, 4650–4656
DOI: 10.1055/s-0037-1610733

I. Zaragoza-Galicia

Z. A. Santos-Sánchez

Y. I. Hidalgo-Mercado

H. F. Olivo

M. Romero-Ortega*

Universidad Autónoma del Esta-
do de México, México

Synthesis of 5-Substituted 2-Pyrrolidinones by Coupling of Organozinc Reagents with Cyclic N-Acyliminium Ions

Paper

4650

