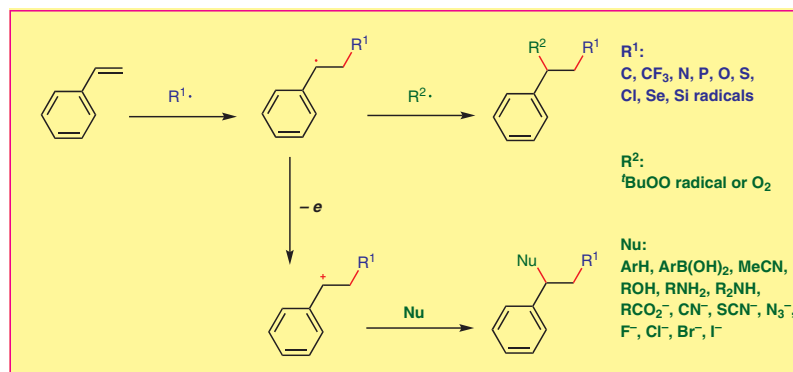


**Synthesis**
**Radical-Mediated Difunctionalization of Styrenes**
**Review**

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

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

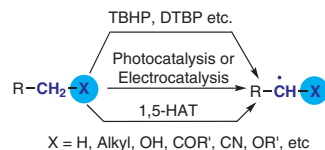
Northwest Normal University,  
P. R. of China

**4507**

**Synthesis**
**Advances in C(sp<sup>3</sup>)-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 CF<sub>2</sub>H-Containing Derivatives

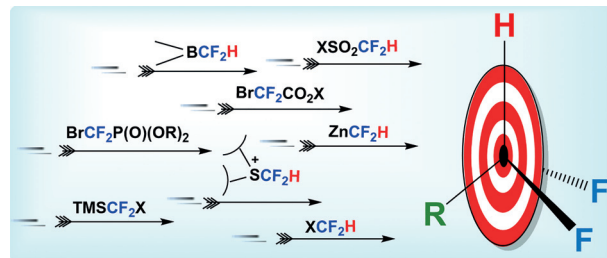
## Short Review

*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*- $\gamma$ -Hydroxynorvaline and Related  $\alpha$ -Amino Acids

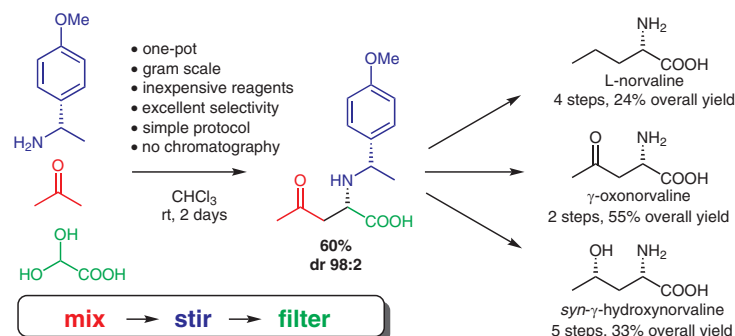
## Feature

*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\*

Slovak University of Technology, Slovakia

4568



## Synthesis

## Sumanene Hexaester: An Electron-Deficient Buckybowl

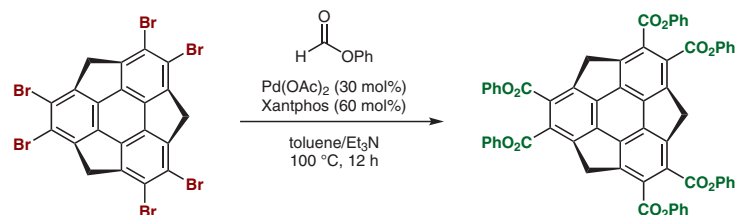
## Paper

*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

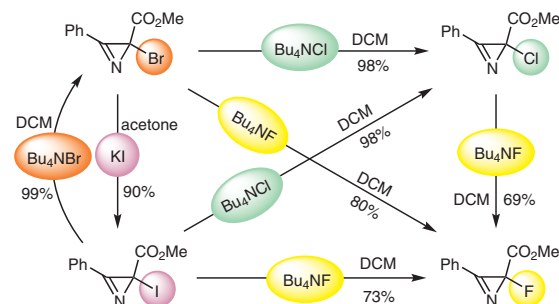
M. S. Novikov\*

Saint Petersburg State University,  
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

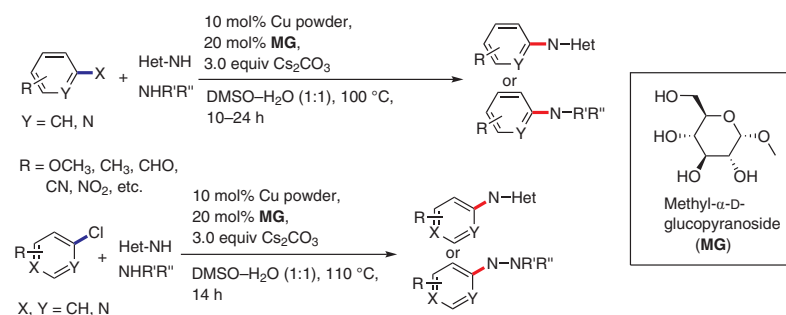
G. Chen\*

Shenyang Pharmaceutical University,  
P. R. of China

Methyl- $\alpha$ -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

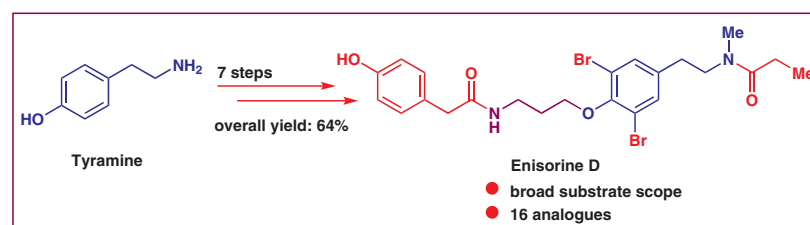
F. A. Khan\*

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

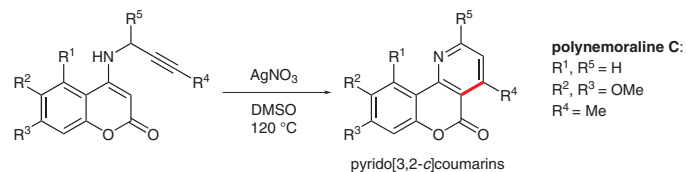
**J. A Yoon**  
**Y. T. Han\***

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

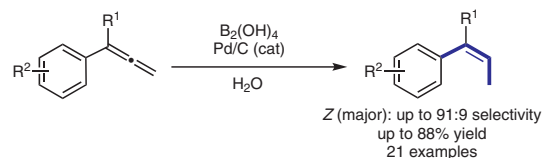
**A. M. Gates**  
**W. L. Santos\***

Virginia Tech, USA

### Regioselective Diboron-Mediated Semireduction of Terminal Allenes

Paper

4619



## Synthesis

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

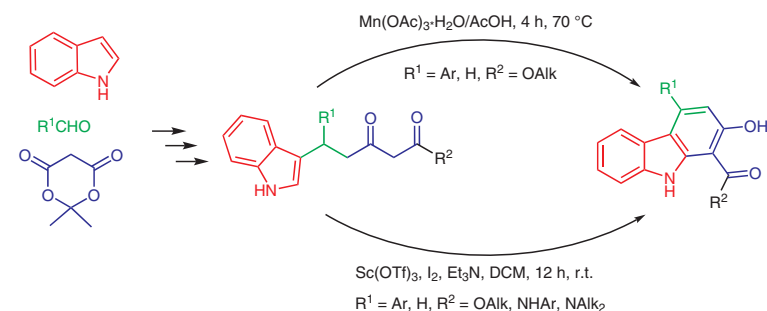
**M. Szewczyk**  
**M. Ryczkowska**  
**S. Makowiec\***

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

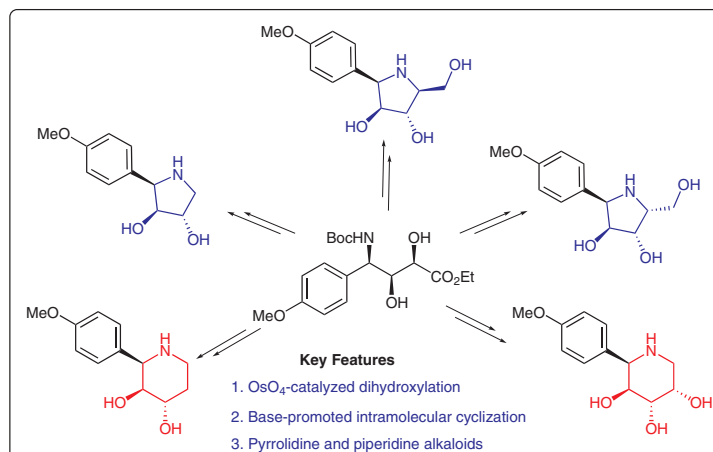
V. K. Jain\*

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\*

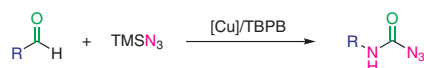
Y. Li\*

Fuzhou University, P. R. of China  
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

