

## Synthesis

### Recent Advances in Decarboxylative Reactions of Alkynoic Acids

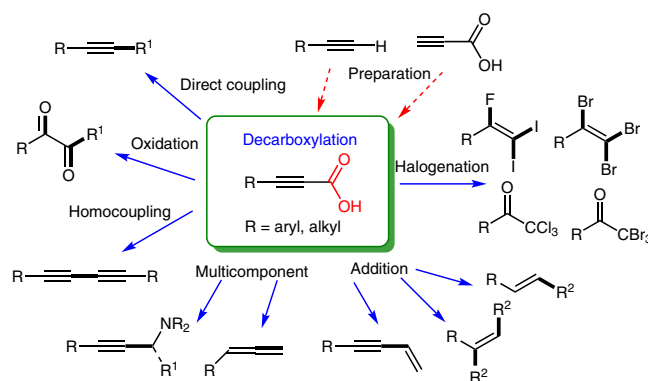
#### Review

*Synthesis* 2020, 52, 2277–2298  
DOI: 10.1055/s-0040-1707600

M. A. Idris  
S. Lee\*

Chonnam National University,  
Republic of Korea

2277



## Synthesis

### Synthesis of Oxazoline and Oxazole Derivatives by Hypervalent-Iodine-Mediated Oxidative Cycloaddition Reactions

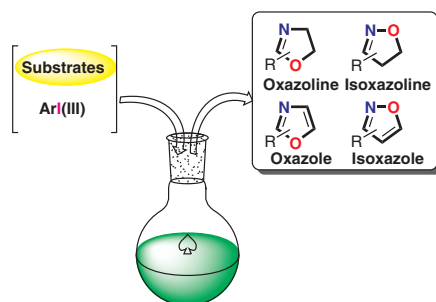
#### Short Review

*Synthesis* 2020, 52, 2299–2310  
DOI: 10.1055/s-0040-1707122

A. Yoshimura\*  
A. Saito\*  
M. S. Yusubov  
V. V. Zhdankin\*

University of Minnesota Duluth,  
USA  
Tokyo University of Agriculture  
and Technology, Japan

2299



## Synthesis

## Recent Advances in Triarylmethane Synthesis

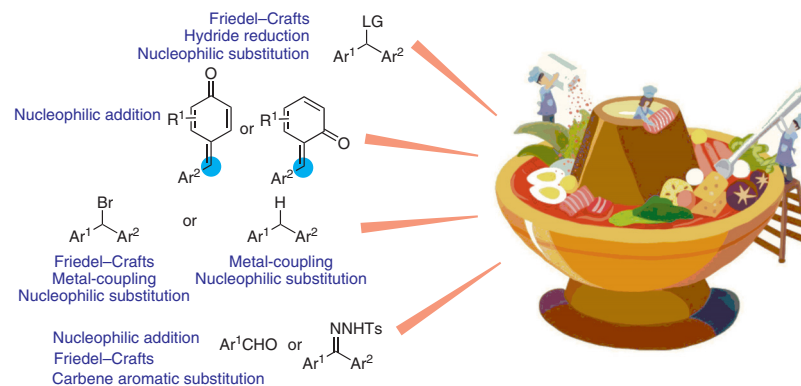
## Short Review

2311

*Synthesis* 2020, 52, 2311–2329  
DOI: 10.1055/s-0040-1707115

X. Liu  
X. Wu  
L. Zhang\*  
X. Lin\*  
D. Huang\*

Lishui University, P. R. China



## Synthesis

## Efficient Heterogeneous Palladium-Catalyzed Transfer Hydrogenolysis of Benzylic Alcohols by Formic Acid

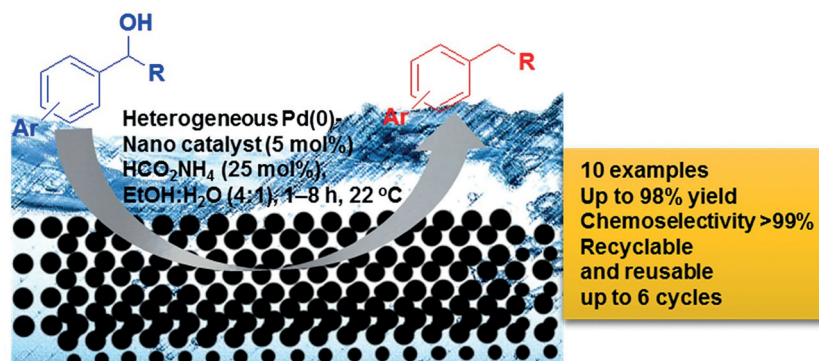
## Feature

2330

*Synthesis* 2020, 52, 2330–2336  
DOI: 10.1055/s-0040-1707398

S. Afewerki\*  
C. Palo-Nieto  
A. Córdoba\*

Mid Sweden University, Sweden



## Synthesis

## An Unusual Triazole Synthesis from Aurones

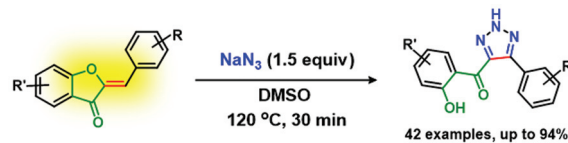
## Paper

2337

*Synthesis* 2020, 52, 2337–2346  
DOI: 10.1055/s-0040-1708019

A. Kafle  
S. Bhattarai  
S. T. Handy\*

Middle Tennessee State University, USA



## Synthesis

*Synthesis* 2020, 52, 2347–2356  
DOI: 10.1055/s-0040-1707948

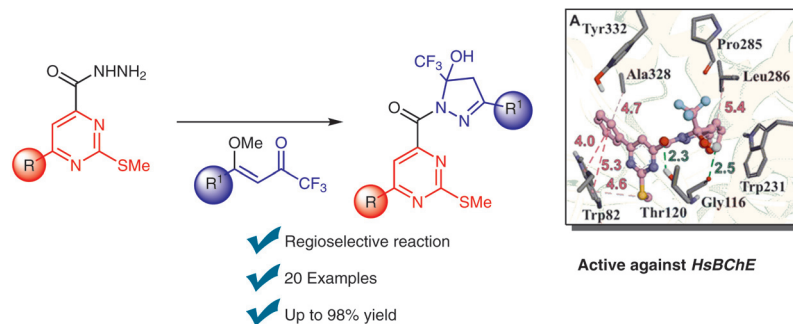
A. F. Camargo  
M. A. Marangoni  
P. A. de Moraes  
P. A. Nogara  
B. A. Afolabi  
C. E. Bencke  
J. B. Rocha  
H. G. Bonacorso  
M. A. Martins  
N. Zanatta\*

Universidade Federal de Santa  
Maria, Brazil

## Regioselective Synthesis of Pyrazolyl-pyrimidine Hybrids of Pharmacological Interest

## Paper

2347



## Synthesis

*Synthesis* 2020, 52, 2357–2363  
DOI: 10.1055/s-0039-1691734

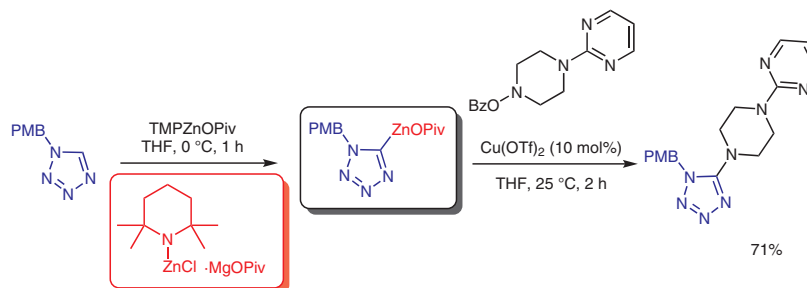
C. P. Tüllmann  
S. Steiner  
P. Knochel\*

Ludwig-Maximilian-University,  
Germany

Preparation and Reactions of (1*H*-Tetrazol-5-yl)zinc Pivalates

## Paper

2357



## Synthesis

*Synthesis* 2020, 52, 2364–2372  
DOI: 10.1055/s-0040-1707813

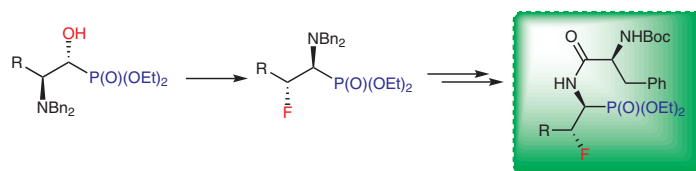
M. Kaźmierczak\*  
G. Dutkiewicz  
T. Cytłak

Adam Mickiewicz University in  
Poznań, Poland

Application of  $\alpha$ -Amino- $\beta$ -fluorophosphonates in Construction of their Dipeptide Analogues

## Paper

2364



## Synthesis

*Synthesis* **2020**, *52*, 2373–2378  
DOI: 10.1055/s-0040-1708020

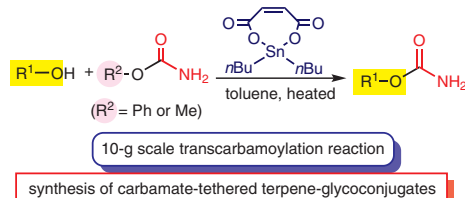
**Y. Ichikawa\***  
**T. Hasegawa**  
**T. Minami**  
**H. Sato**  
**Y. Morishita**  
**R. Ochi**  
**T. Masuda**

Kochi University, Japan

## Further Development of the Tin-Catalyzed Transcarbamylation Reaction

Paper

2373



## Synthesis

*Synthesis* **2020**, *31*, 2379–2386  
DOI: 10.1055/s-0040-1707395

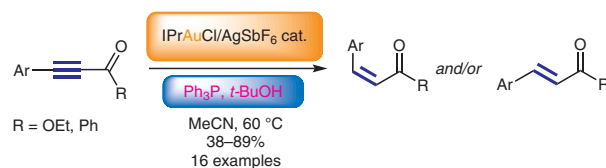
**A. P. Cocoltzi-Xochitiotzi**  
**M. Hernández-Hernández**  
**I. Medina-Mercado**  
**W. d. J. Jiménez-Martínez**  
**V. M. Mastranzo**  
**S. Porcel\***

Universidad Nacional Autónoma de México, México

## Gold-Catalyzed Partial Hydrogenation of Activated Alkynes Mediated by Triphenylphosphine

Paper

2379



## Synthesis

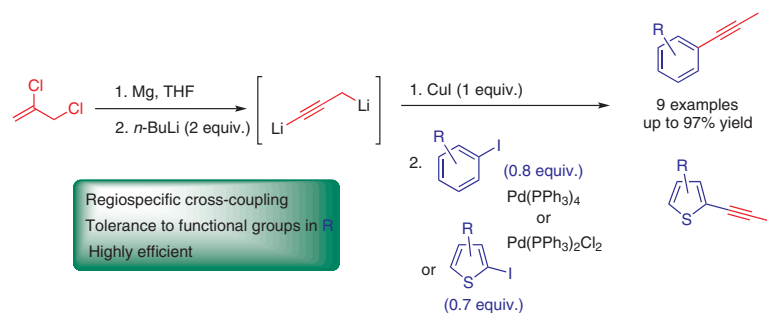
*Synthesis* **2020**, *52*, 2387–2394  
DOI: 10.1055/s-0039-1690895

**J. A. Cabezas\***  
**N. Ferlini**  
Universidad de Costa Rica,  
Costa Rica

## Regiospecific Palladium-Catalyzed Cross-Coupling Reactions Using the Operational Equivalent of 1,3-Dilithiopropyne

Paper

2387



## Synthesis

*Synthesis* 2020, 52, 2395–2409  
DOI: 10.1055/s-0040-1707514

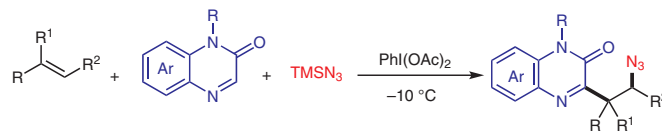
Y. Du  
Y. Chen  
Y.-L. Liu  
W. Qin\*  
Z. Li\*

South China Agricultural University,  
P. R. of China

### Transition-Metal-Free, Intermolecular Azidoheteroarylation of Alkenes: Efficient Access to $\beta$ -Azidoalkylated Quinoxalines and Preliminary Antifungal Evaluation Against *Magnaporthe grisea*

Paper

2395



- Transition-metal-free and extended to P radical
- Mild conditions and broad scope (43 examples, up to 99% yield)
- Promising inhibitory rate against *Magnaporthe grisea*

## Synthesis

*Synthesis* 2020, 52, 2410–2426  
DOI: 10.1055/s-0040-1707104

K. Modzelewski

S. Sowa\*

Marie Curie-Skłodowska University in Lublin, Poland

### Alkylation of Phosphinite/Phosphonite-Boranes via Temporary Protection of the P–H Bond

Paper

2410

