

## Synthesis

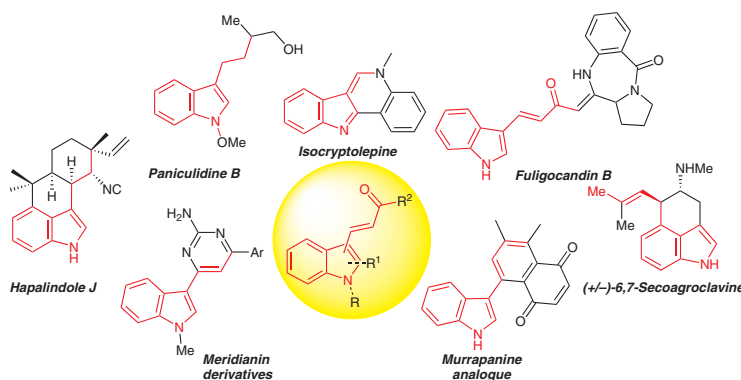
*Synthesis* 2019, 51, 787–815  
DOI: 10.1055/s-0037-1611702

I. V. Trushkov  
M. G. Uchuskin  
V. T. Abaev  
O. V. Serdyuk\*  
University of Erlangen-  
Nuremberg, Germany

## Indolylvinyl Ketones: Building Blocks for the Synthesis of Natural Products and Bioactive Compounds

Review

787



## Synthesis

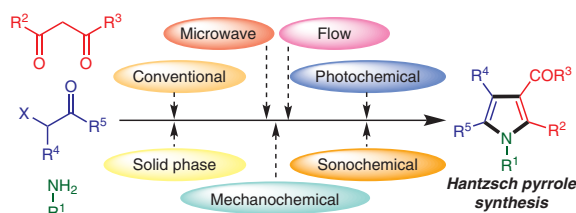
*Synthesis* 2019, 51, 816–828  
DOI: 10.1055/s-0037-1610320

M. Leonardi  
V. Estévez  
M. Villacampa  
J. C. Menéndez\*  
Universidad Complutense, Spain

## The Hantzsch Pyrrole Synthesis: Non-conventional Variations and Applications of a Neglected Classical Reaction

Short Review

816



## Synthesis

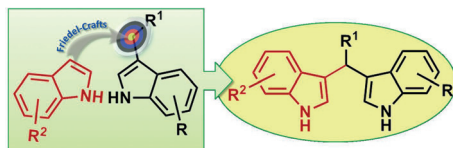
*Synthesis* **2019**, *51*, 829–841  
DOI: 10.1055/s-0037-1610349

**A. Palmieri**  
**M. Petrini\***  
Università di Camerino, Italy

## Recent Advances in the Synthesis of Unsymmetrical Bisindolylmethane Derivatives

Short Review

829



## Synthesis

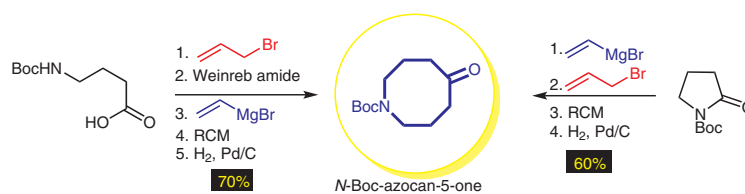
*Synthesis* **2019**, *51*, 829–834  
DOI: 10.1055/s-0037-1611018

**M. Morales-Chamorro**  
**A. Vázquez\***  
Universidad Nacional Autónoma  
de México, México

A Facile Synthesis of *N*-Boc-azocan-5-one

PSP

842



## Synthesis

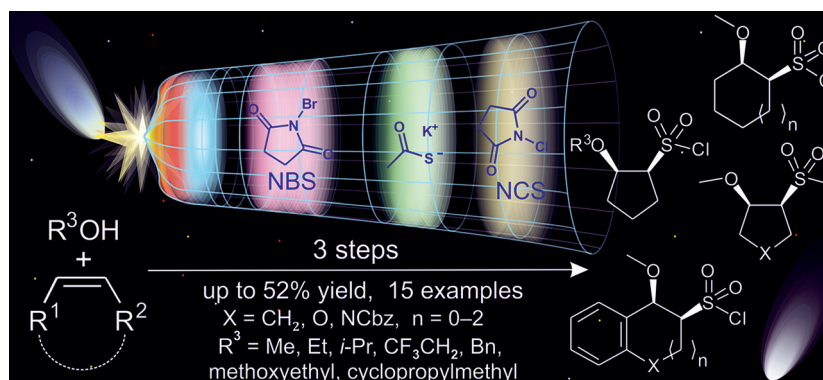
*Synthesis* **2019**, *51*, 829–839  
DOI: 10.1055/s-0037-1611277

**A. Sokolov**  
**S. Golovach**  
**I. Kozlinsky**  
**K. Dolia**  
**A. A. Tolmachev**  
**Y. Kuchkovska**  
**O. O. Grygorenko\***  
Enamine Ltd., Ukraine

Diastereoselective Synthesis of Cyclic  $sp^3$ -Enriched *cis*- $\beta$ -Alkoxy sulfonyl Chlorides

Paper

848



## Synthesis

*Synthesis* **2019**, *51*, 859–864  
DOI: 10.1055/s-0037-1611017

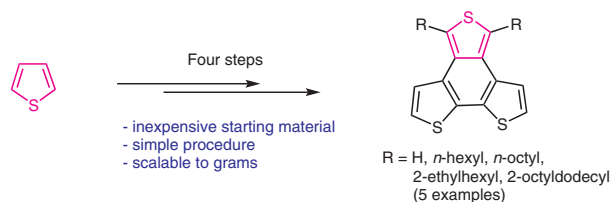
**H. Kim**  
**K. Zong\***

Chonbuk National University,  
Republic of Korea

### A Convenient Synthesis of Benzo[1,2-*b*:6,5-*b'*:3,4-*c''*]trithiophenes Starting from Thiophene

Paper

859



## Synthesis

*Synthesis* **2019**, *51*, 865–873  
DOI: 10.1055/s-0037-1611295

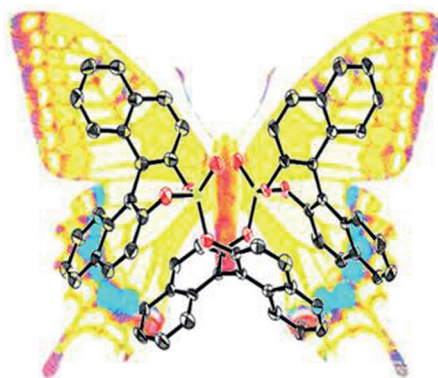
**A. N. Ndimba**  
**T. Roisnel**  
**G. Argouarch\***  
**C. Lalli\***

Univ Rennes, CNRS, France

### Harvesting New Chiral Phosphotriesters by Phosphorylation of BINOL and Parent Bis-phenols

Paper

865



## Synthesis

*Synthesis* **2019**, *51*, 874–884  
DOI: 10.1055/s-0037-1610661

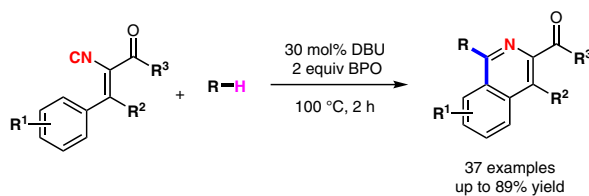
**D. Xue**  
**Y. Xue**  
**H. Yu**  
**L. Shao\***

Fudan University, P. R. of China

### Metal-Free Radical Cyclization of Vinyl Isocyanides with Alkanes: Synthesis of 1-Alkylisoquinolines

Paper

874



## Synthesis

Synthesis 2019, 51, 885–888  
DOI: 10.1055/s-0037-1610667

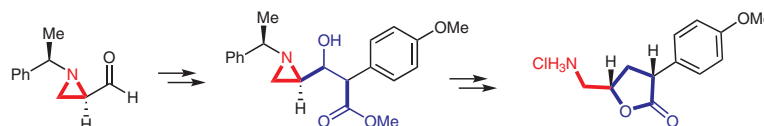
S. Kim  
W. K. Lee\*  
H.-J. Ha\*

Hankuk University of Foreign  
Studies, Republic of Korea  
Sogang University,  
Republic of Korea

Asymmetric Synthesis of *cis*-5-(Aminomethyl)-3-(4-methoxyphenyl)dihydrofuran-2(3*H*)-one

Paper

885



## Synthesis

Synthesis 2019, 51, 889–898  
DOI: 10.1055/s-0037-1610668

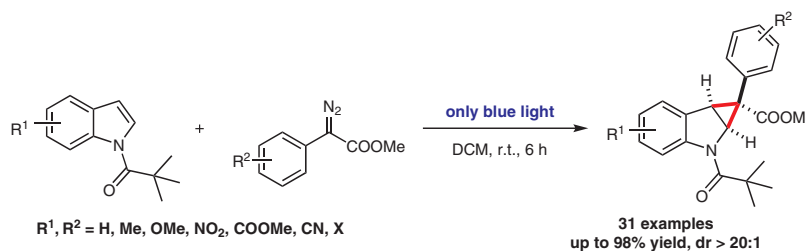
X. Zhang  
C. Du  
H. Zhang  
X.-C. Li  
Y.-L. Wang  
J.-L. Niu\*  
M.-P. Song\*

Zhengzhou University, P. R. of  
China

## Metal-Free Blue-Light-Mediated Cyclopropanation of Indoles by Aryl(diazo)acetates

Paper

889



• metal-free • eco-friendly energy • operational simplicity • high diastereoselectivity

## Synthesis

Synthesis 2019, 51, 899–906  
DOI: 10.1055/s-0037-1609637

Y. Zhu  
S. Zhao  
M. Zhang  
X. Song\*  
J. Chang\*

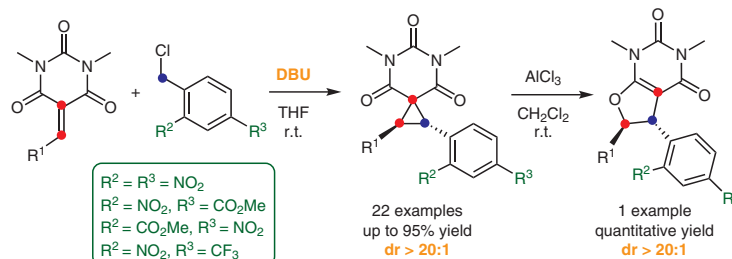
Zhengzhou University, P. R. of  
China

Collaborative Innovation Center  
of New Drug Research and  
Safety Evaluation, Henan  
Province, P. R. of China

## Diastereoselective Synthesis of Spirobarbiturate-Cyclopropanes through Organobase-Mediated Spirocyclopropanation of Barbiturate-Based Olefins with Benzyl Chlorides

Paper

899



## Synthesis

## Organocatalytic Allylic Amination of Morita–Baylis–Hillman Carbonates

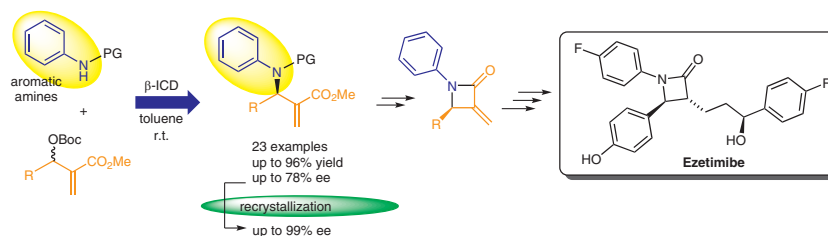
Paper

907

*Synthesis* 2019, 51, 907–920  
DOI: 10.1055/s-0037-1611229

B. Formánek  
M. Šimek  
M. Kamlar  
I. Čiřarová  
J. Veselý\*

Charles University, Czech Republic



## Synthesis

## Catalyst-Free, Metal-Free, and Chemoselective Transamidation of Activated Secondary Amides

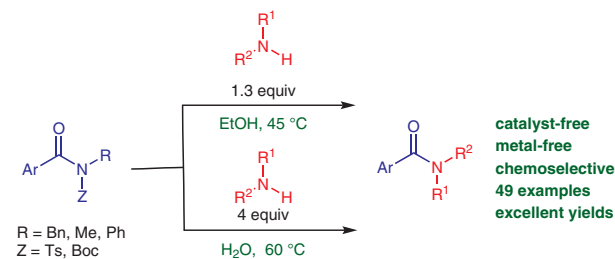
Paper

921

*Synthesis* 2019, 51, 921–932  
DOI: 10.1055/s-0037-1610664

R. Ramkumar  
S. Chandrasekaran\*

Indian Institute of Science, India



## Synthesis

## Imidazole-Fused Eneidyne by Selective C5–C4 Alkynylations of 4,5-Dibromoimidazoles

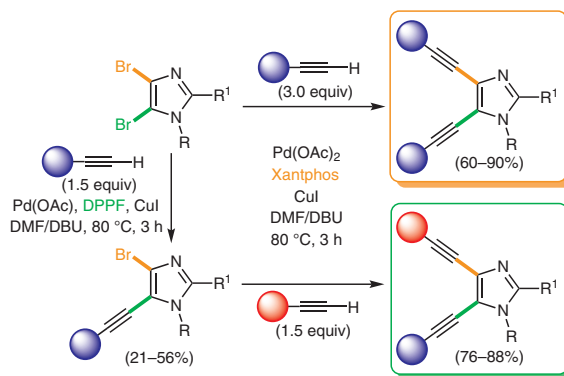
Paper

933

*Synthesis* 2019, 51, 933–943  
DOI: 10.1055/s-0037-1610666

M. Lessi  
A. Panattoni  
L. Guglielmero  
P. Minei  
F. Bellina\*

Università di Pisa, Italy



## Synthesis

Synthesis 2019, 51, 944–952  
DOI: 10.1055/s-0037-1610307

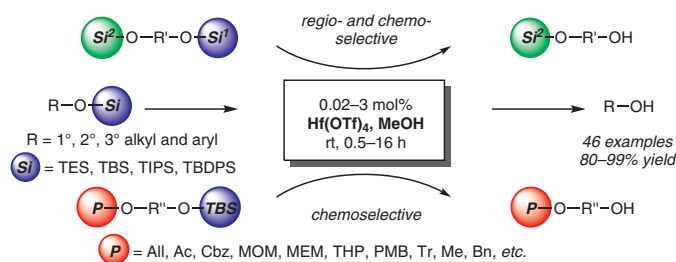
X.-A. Zheng  
R. Kong  
H.-S. Huang  
J.-Y. Wei  
J.-Z. Chen  
S.-S. Gong\*  
Q. Sun\*

Jiangxi Science and Technology  
Normal University, P. R. of China

## Hafnium Triflate as a Highly Potent Catalyst for Regio- and Chemoselective Deprotection of Silyl Ethers

Paper

944



## Synthesis

Synthesis 2019, 51, 953–959  
DOI: 10.1055/s-0037-1610310

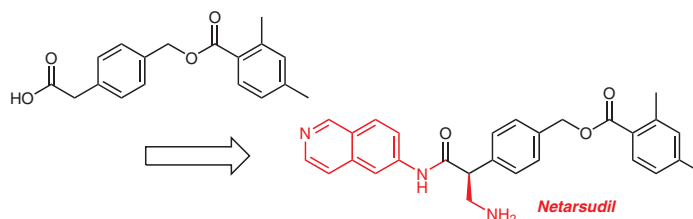
M. A. deLong  
J. M. Sturdivant\*

Aerie Pharmaceuticals Inc., USA

## Asymmetric Synthesis of Netarsudil: A New Therapeutic for Open-Angle Glaucoma

Paper

953



## Synthesis

Synthesis 2019, 51, 960–970  
DOI: 10.1055/s-0037-1610662

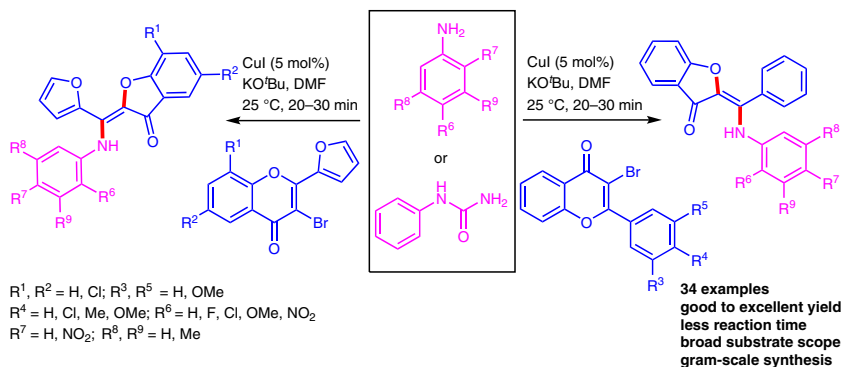
I. Parveen  
N. Ahmed\*

Indian Institute of Technology  
Rooskee, India

A Route to Highly Functionalized Stereospecific *trans*-Aminated Aurones from 3-Bromoflavones with Aniline and *N*-Phenylurea via a Domino Aza-Michael Ring Opening and Cyclization Reactions

Paper

960



Synthesis

Late-Stage Sulfoximination: Improved Synthesis of the Anticancer Drug Candidate Atuveviclib

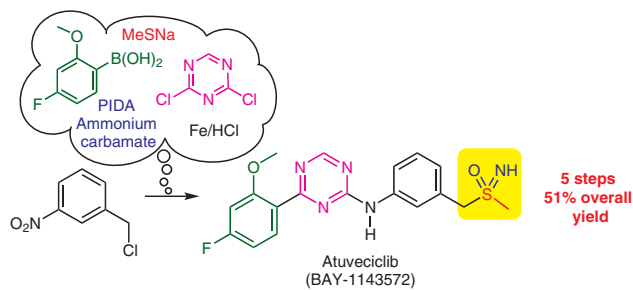
Paper

971

Synthesis 2019, 51, 971–975  
DOI: 10.1055/s-0037-1610316

T. Glachet  
X. Franck  
V. Reboul\*

Normandie Université, CNRS,  
France



Synthesis

Synthesis of Fmoc- and Boc-Protected (2*S*,5*S*)- and (2*R*,5*R*)-5-Amino-methylprolines

Paper

976

Synthesis 2019, 51, 976–984  
DOI: 10.1055/s-0037-1610304

A. L. Bartuschat  
N. Hegmann  
M. R. Heinrich\*

Friedrich-Alexander-Universität  
Erlangen-Nürnberg, Germany

