

Synthesis

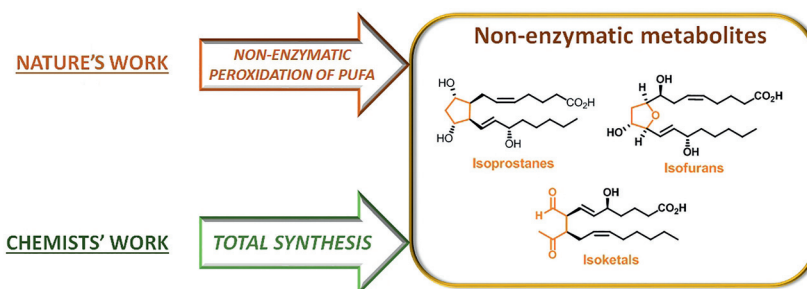
Synthesis 2018, 50, 3257–3280
DOI: 10.1055/s-0036-1589540

C. Oger
C. Cuyamendous
A. de la Torre
M. Candy
A. Guy
V. Bultel-Poncé
T. Durand
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History of Chemical Routes towards Cyclic Non-Enzymatic Oxygenated Metabolites of Polyunsaturated Fatty Acids

Review

3257



Synthesis

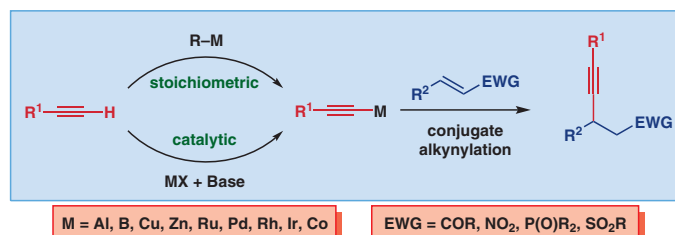
Synthesis 2018, 50, 3281–3306
DOI: 10.1055/s-0037-1610182

G. Blay*
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Conjugate Alkynylation of Electrophilic Double Bonds. From Regioselectivity to Enantioselectivity

Review

3281



Synthesis

Synthesis 2018, 50, 3307–3321
DOI: 10.1055/s-0037-1610197

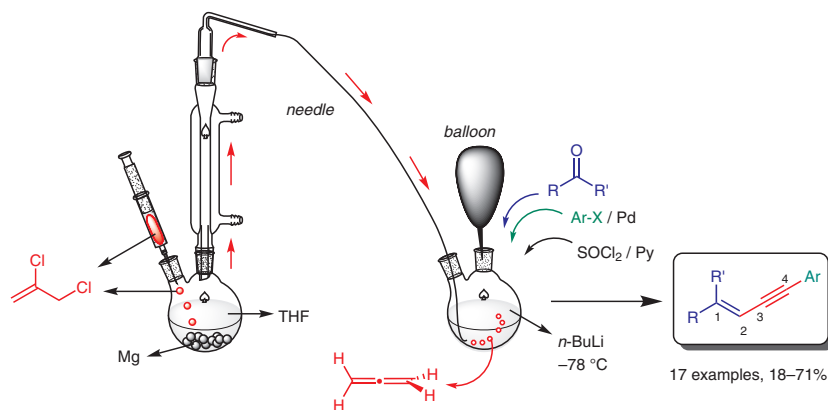
J. A. Cabezas*
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One-Pot Conversion of Aldehydes and Ketones into 1-Substituted and 1,4-Disubstituted 1,3-Enynes

Feature

3307



Synthesis

Synthesis 2018, 50, 3322–3332
DOI: 10.1055/s-0037-1610214

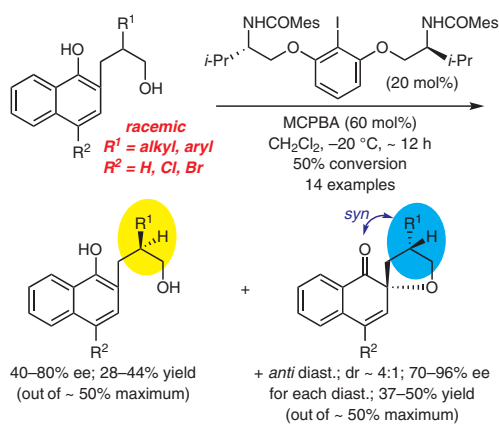
N. Jain
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Oxidative Kinetic Resolution of Some Naphtholic Alcohols Mediated by a Chiral Hypervalent Iodine Reagent

Feature

3322



Synthesis

Synthesis 2018, 50, 3333–3336
DOI: 10.1055/s-0037-1610106

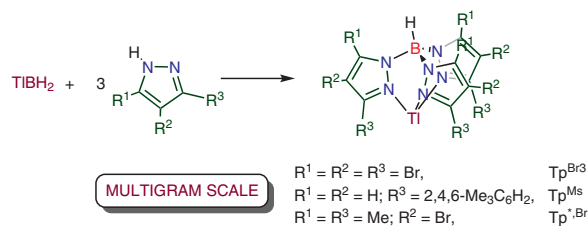
A. Olmos*
A. Pereira
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Multigram Synthesis of Thallium Trispyrazolylborate Compounds

PSP

3333



Synthesis

Synthesis **2018**, *50*, 3337–3343
DOI: 10.1055/s-0037-1609580

M. P. Ó Fearraigh

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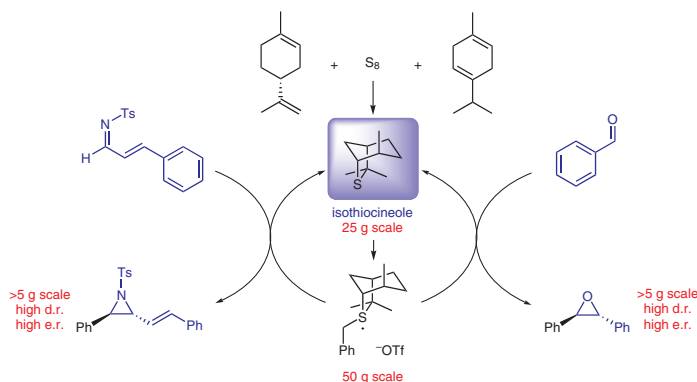
V. K. Aggarwal*

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Synthesis of Isothiocineole and Application in Multigram-Scale Sulfur Ylide Mediated Asymmetric Epoxidation and Aziridination

PSP

3337



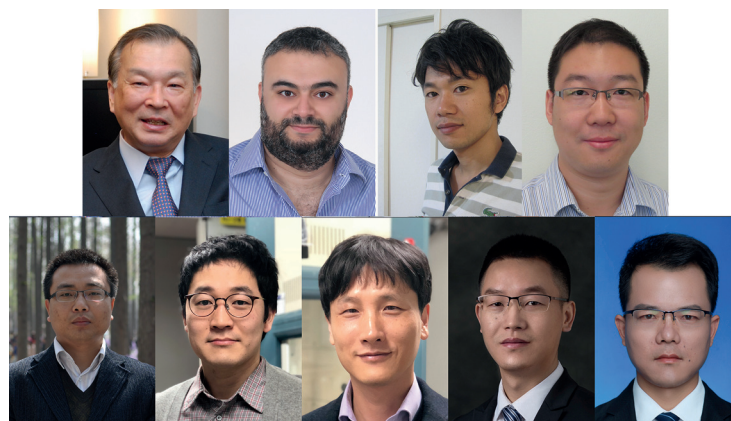
Synthesis

Synthesis **2018**, *50*, 3344–3345
DOI: 10.1055/s-0037-1610825

Special Topic Cover Page: Photoredox Methods and their Strategic Applications in Synthesis

Special Topic

3344



Synthesis

Synthesis **2018**, *50*, 3346–3358
DOI: 10.1055/s-0037-1610085

E. H. Oh

H. J. Kim*

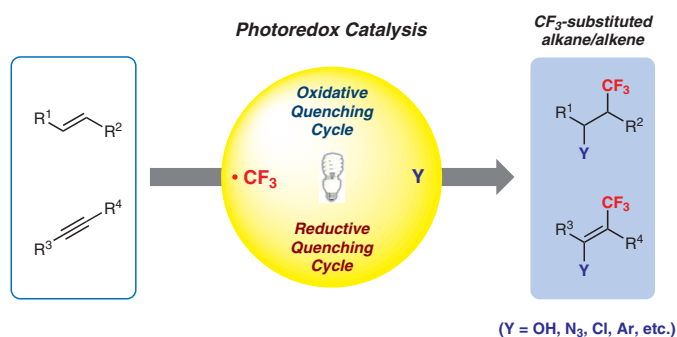
S. B. Han*

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nology, Republic of Korea

Recent Developments in Visible-Light-Catalyzed Multicomponent Trifluoromethylation of Unsaturated Carbon–Carbon Bonds

Special Topic

3346



Synthesis

Synthesis **2018**, *50*, 3359–3378
DOI: 10.1055/s-0037-1610222

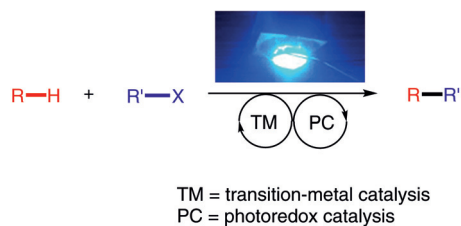
W.-J. Zhou*
Y.-H. Zhang
Y.-Y. Gui
L. Sun
D.-G. Yu*

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Sichuan University, P. R. of China

Merging Transition-Metal Catalysis with Photoredox Catalysis: An Environmentally Friendly Strategy for C–H Functionalization

Special Topic

3359



Synthesis

Synthesis **2018**, *50*, 3379–3386
DOI: 10.1055/s-0036-1591988

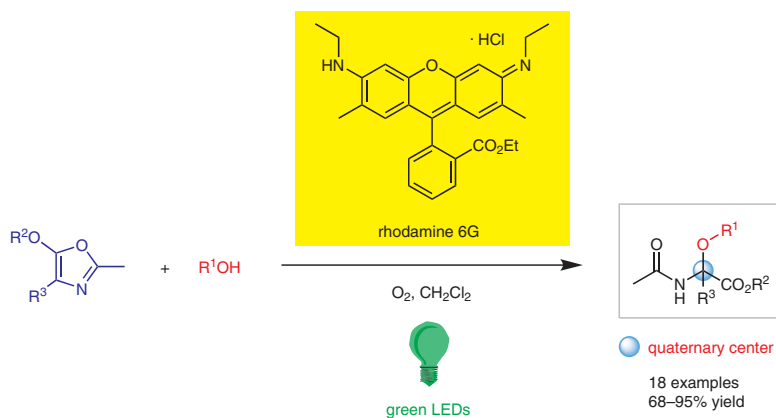
Y. Du
Z. Wei
T. Wang*

State University of New York,
USA

Visible-Light-Mediated Synthesis of Oxidized Amides via Organic Photoredox Catalysis

Special Topic

3379



Synthesis

Synthesis **2018**, *50*, 3387–3394
DOI: 10.1055/s-0037-1609844

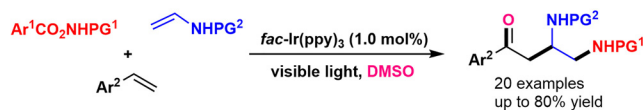
X.-D. An
S. Yu*

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Photoredox-Catalyzed Radical Relay Reaction Toward Functionalized Vicinal Diamines

Special Topic

3387



- ✓ Radical relay strategy
- ✓ Orthogonal protecting groups
- ✓ Synthesis of β,γ-diaminoketones via a single operation
- ✓ Photoredox mild conditions and gram scale

Synthesis

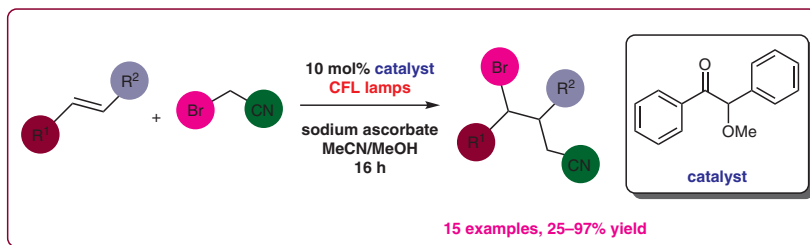
Synthesis 2018, 50, 3395–3401
DOI: 10.1055/s-0037-1610138

E. Voutyritsa
N. F. Nikitas
M. K. Apostolopoulou
A. D. D. Gerogiannopoulou
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Photoorganocatalytic Atom Transfer Radical Addition of Bromoacetonitrile to Aliphatic Olefins

Special Topic

3395



Synthesis

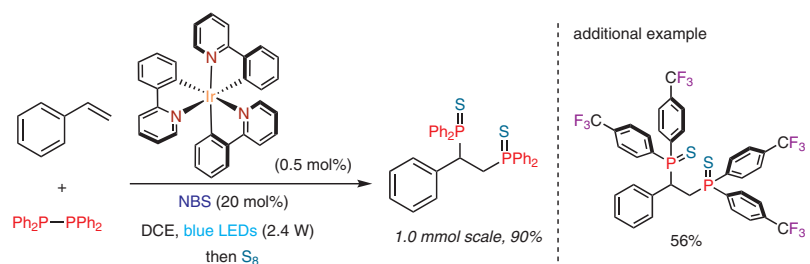
Synthesis 2018, 50, 3402–3407
DOI: 10.1055/s-0037-1609447

N. Otomura
Y. Okugawa
K. Hirano*
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Bromine Cation Initiated *vic*-Diphosphination of Styrenes with Diphosphines under Photoredox Catalysis

Special Topic

3402



Synthesis

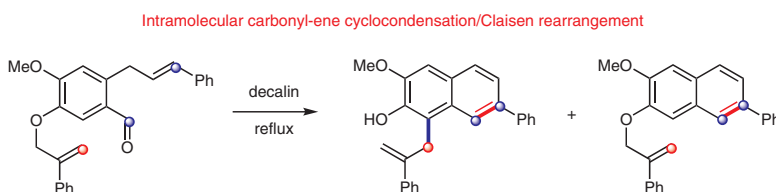
Synthesis 2018, 50, 3408–3419
DOI: 10.1055/s-0037-1610175

M.-Y. Chang*
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Thermolytic Synthesis of Naphthalenes via Intramolecular Cyclocondensation of *o*-Phenylallylbenzaldehydes

Paper

3408



Synthesis

Iridium-Catalysed C–H Borylation of 2-Pyridones; Bisfunctionalisation of CC4

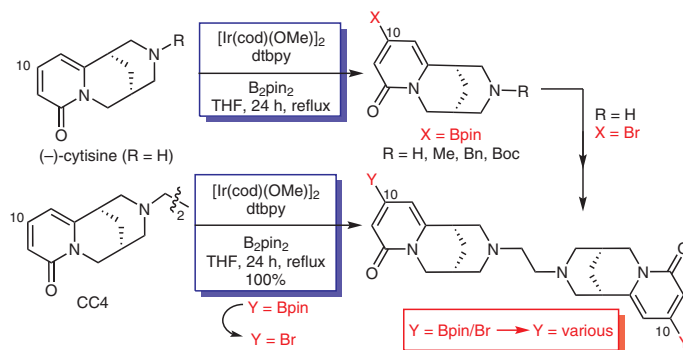
Paper

3420

Synthesis 2018, 50, 3420–3429
DOI: 10.1055/s-0036-1591594

A. Honraedt
W. Niwetmarin
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Synthesis

Indium-, Magnesium-, and Zinc-Mediated Debenzylation of Protected 1H-Tetrazoles: A Comparative Study

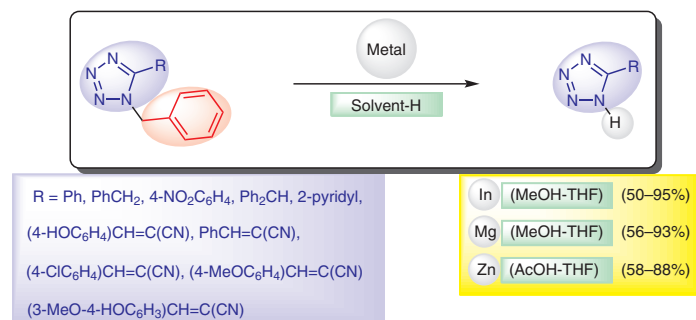
Paper

3430

Synthesis 2018, 50, 3430–3435
DOI: 10.1055/s-0037-1610170

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M. Benlahrech
F. Foubelo*
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Synthesis

Brønsted Acid Catalyzed Dehydrative Arylation of 4-Indolylmethanols with Indoles: Efficient Access to Indolyl-Substituted Triarylmethanes

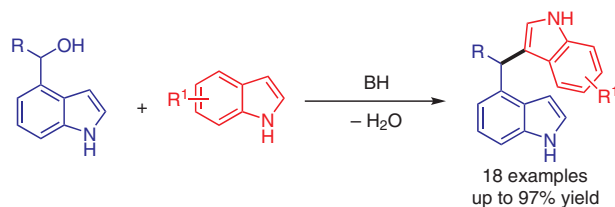
Paper

3436

Synthesis 2018, 50, 3436–3444
DOI: 10.1055/s-0037-1609732

J.-X. Liu
Z.-Q. Zhu
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Synthesis

Synthesis 2018, 50, 3445–3459
DOI: 10.1055/s-0036-1592005

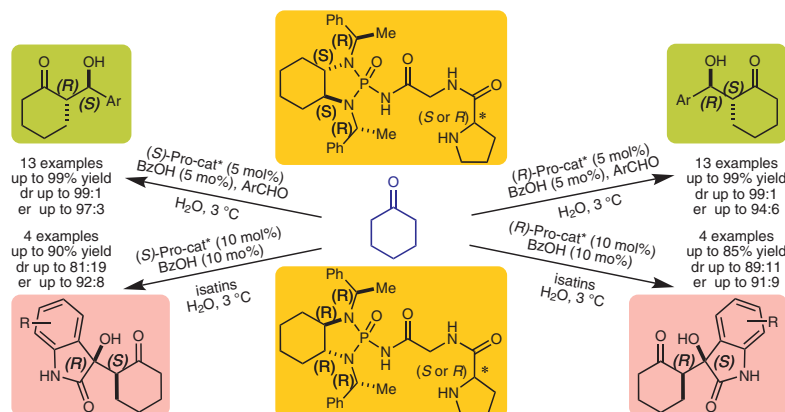
C. Cruz-Hernández
P. E. Hernández-González
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Proline-Glycine Dipeptidic Derivatives of Chiral Phosphoramides as Organocatalysts for the Enantiodivergent Aldol Reaction of Aryl Aldehydes and Isatins with Cyclohexanone in the Presence of Water

Paper

3445



Synthesis

Synthesis 2018, 50, 3460–3466
DOI: 10.1055/s-0037-1610070

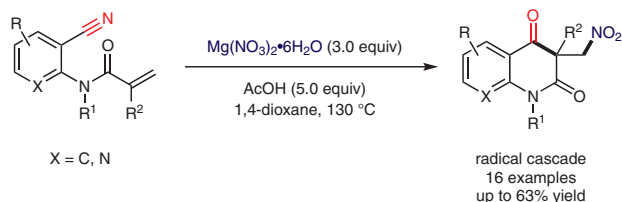
T. Yang
J.-L. Zhou
J. Li
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Radical Addition/Cyclization Cascade: An Efficient Approach to Nitro-Containing Quinoline-2,4(1H,3H)-diones

Paper

3460



Synthesis

Synthesis 2018, 50, 3467–3486
DOI: 10.1055/s-0037-1609857

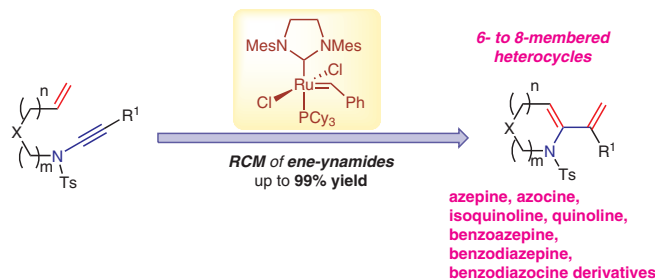
H. Wakamatsu*
Y. Sasaki
M. Kawahata
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Tohoku Medical and Pharmaceutical University, Japan

Synthesis of Various Heterocycles Having a Dienamide Moiety by Ring-Closing Metathesis of Ene-ynamides

Paper

3467



Synthesis

Synthesis **2018**, *50*, 3487–3492
DOI: 10.1055/s-0037-1610124

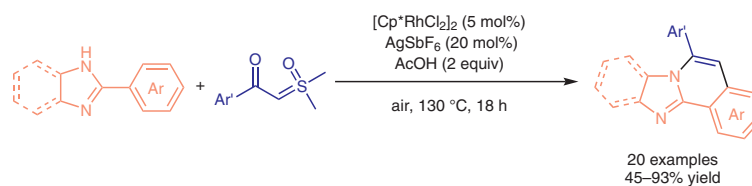
R. Yang
X. Wu
S. Sun
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J. Cheng*

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Rhodium-Catalyzed Annulation of 2-Arylimidazoles and α -Aroyl Sulfoxonium Ylides toward 5-Arylimidazo[2,1-*a*]isoquinolines

Paper

3487



Synthesis

Synthesis **2018**, *50*, 3493–3498
DOI: 10.1055/s-0037-1610169

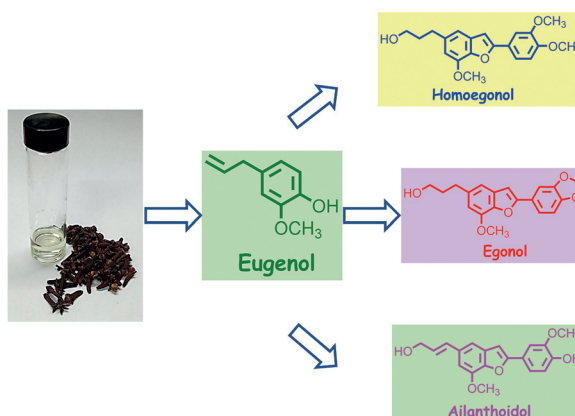
J. C. Espinoza-Hicks
G. Zaragoza-Galán
D. Chávez-Flores
V. H. Ramos-Sánchez
J. Tamariz
A. A. Camacho-Dávila*

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huahua, Mexico

A Convergent Total Synthesis of the Biologically Active Benzofurans Ailanthoidol, Egonol and Homoegonol from Biomass-Derived Eugenol

Paper

3493



Synthesis

Synthesis **2018**, *50*, 3499–3505
DOI: 10.1055/s-0037-1610168

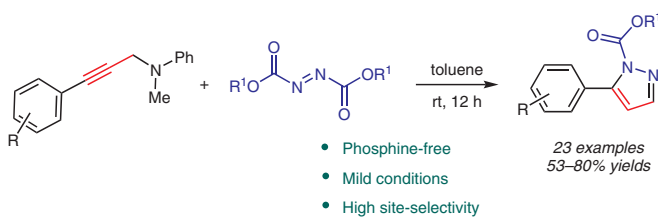
Y. Zhang
J. Liu*
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Phosphine-Free [3+2] Cycloaddition of Propargylamines with Dialkyl Azodicarboxylates: An Efficient Access to Pyrazole Backbone

Paper

3499



Synthesis

Synthesis **2018**, *50*, 3506–3512
DOI: 10.1055/s-0036-1591593

G.-F. Dai
Y.-C. Song
F. Xiao*

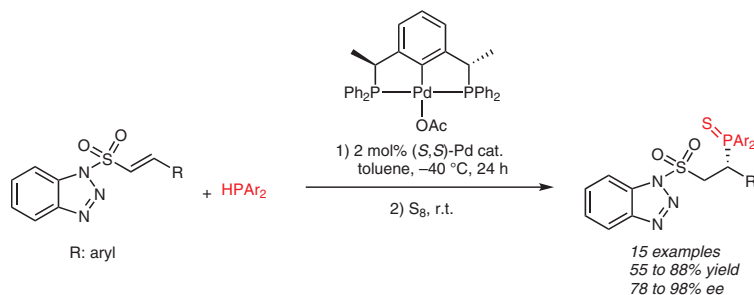
W.-L. Duan*

Shanghai Institute of Technology,
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Palladium-Catalyzed Asymmetric 1,4-Addition of Diarylphosphines to α,β -Unsaturated Sulfonamides

Paper

3506



Synthesis

Synthesis **2018**, *50*, 3513–3519
DOI: 10.1055/s-0037-1610071

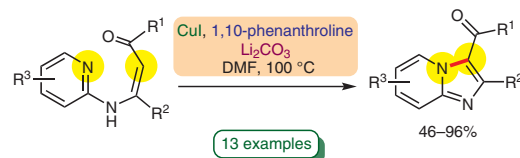
S. Cacchi
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G. Fabrizi
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Copper-Catalyzed C–N Bond Formation via C–H Functionalization: Facile Synthesis of Multisubstituted Imidazo[1,2-*a*]pyridines from *N*-(2-Pyridinyl)enaminones

Paper

3513



Synthesis

Synthesis **2018**, *50*, 3520–3530
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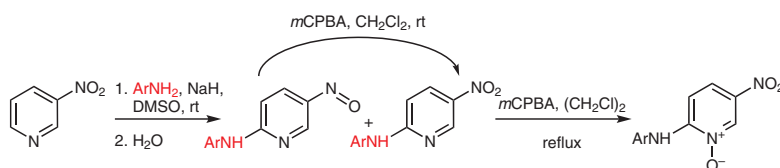
I. V. Borovlev*
O. P. Demidov
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S_N^H Arylation of 3-Nitropyridine: A Competitive Formation of 2-Arylamino-5-nitropyridines and 2-Arylamino-5-nitrosopyridines

Paper

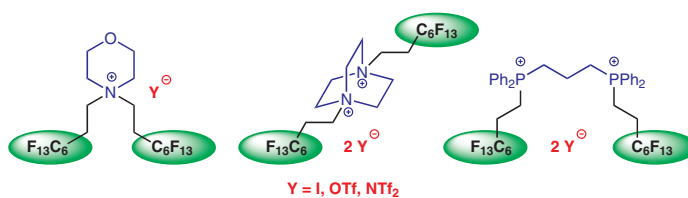
3520



Synthesis **2018**, *50*, 3531–3539
DOI: 10.1055/s-0037-1610072

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Synthesis **2018**, *50*, 3540–3548
DOI: 10.1055/s-0036-1591591

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