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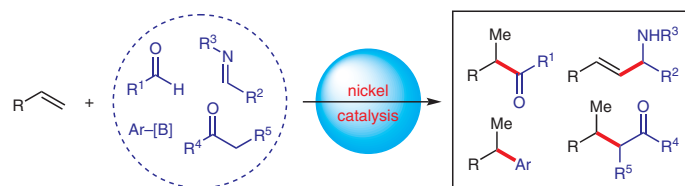
Synlett 2019, 30, 361–369
DOI: 10.1055/s-0037-1610410

L.-J. Xiao
M.-C. Ye*
Q.-L. Zhou*
Nankai University, P. R. of China

Nickel-Catalyzed Highly Atom-Economical C–C Coupling Reactions with π Components

Account

361



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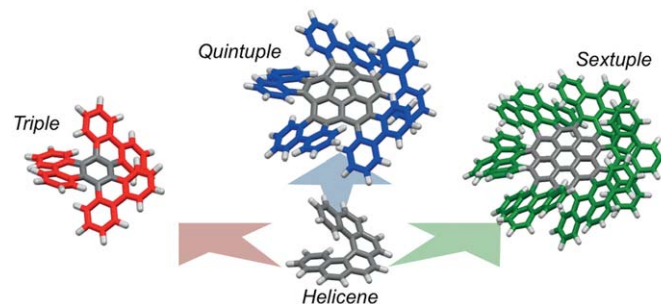
Synlett 2019, 30, 370–377
DOI: 10.1055/s-0037-1610283

K. Kato
Y. Segawa*
K. Itami*
Nagoya University, Japan

Symmetric Multiple Carbohelicenes

Account

370



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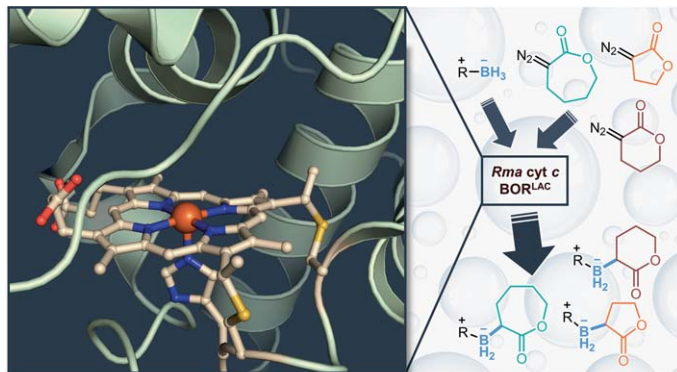
Engineered Cytochrome *c*-Catalyzed Lactone-Carbene B–H Insertion

Letter

Synlett 2019, 30, 378–382
DOI: 10.1055/s-0037-1611662

K. Chen
X. Huang
S.-Q. Zhang
A. Z. Zhou
S. B. J. Kan
X. Hong*
F. H. Arnold*

California Institute of Technology, USA
Zhejiang University, P. R. of China



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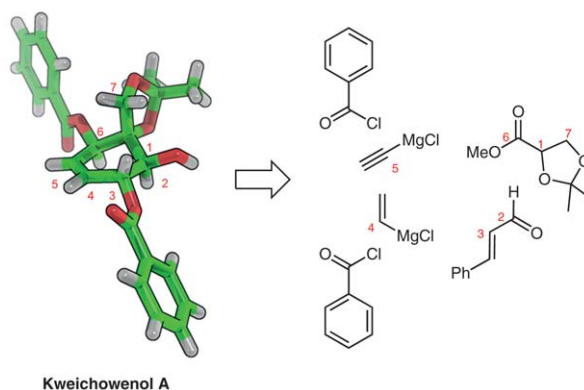
Concise Asymmetric Synthesis of Kweichowenol A

Letter

Synlett 2019, 30, 383–386
DOI: 10.1055/s-0037-1610390

D. B. Konrad
B. Kicin
D. Trauner*

University Munich, Germany
New York University, USA



Kweichowenol A

383

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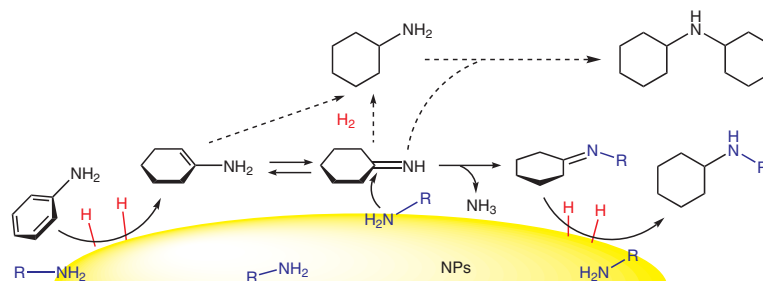
Highly Selective Reductive Cross-Amination between Aniline or Nitroarene Derivatives and Alkylamines Catalyzed by Polysilane-Immobilized Rh/Pt Bimetallic Nanoparticles

Letter

Synlett 2019, 30, 387–392
DOI: 10.1055/s-0037-1611341

A. Suzuki
H. Miyamura
S. Kobayashi*

The University of Tokyo, Japan



387

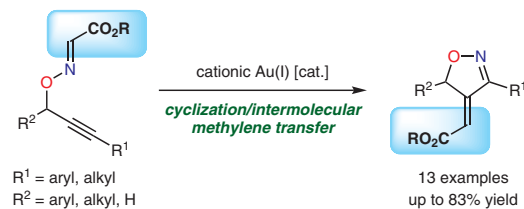
S. Gima
K. Shiga
M. Terada
I. Nakamura*

Tohoku University, Japan

Gold-Catalyzed Cyclization/Intermolecular Methylene Transfer Sequence of *O*-Propargylic Oximes Derived from Glyoxylates

Letter

393



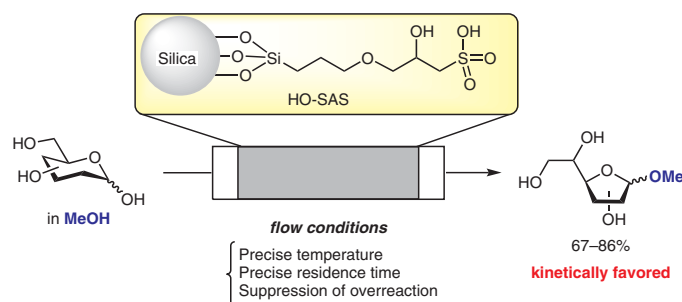
S. Masui
Y. Manabe
K. Hirao
A. Shimoyama
T. Fukuyama
I. Ryu
K. Fukase*

Osaka University, Japan

Kinetically Controlled Fischer Glycosidation under Flow Conditions: A New Method for Preparing Furanosides

Letter

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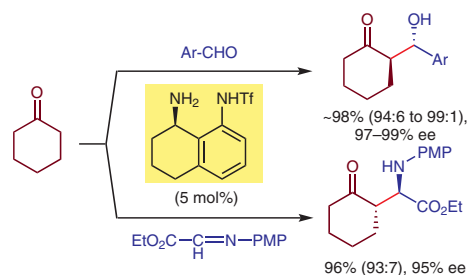
H.-J. Lee
N. Arumugam
A. I. Almansour
R. S. Kumar
K. Maruoka*

Kyoto University, Japan

Design of New Amino Tf-Amide Organocatalysts: Environmentally Benign Approach to Asymmetric Aldol Synthesis

Letter

401



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Synlett 2019, 30, 405–412
DOI: 10.1055/s-0037-1611678S. Rengshausen
F. Etscheidt
J. Großkurth
K. L. Luska
A. Bordet
W. Leitner*Max-Planck-Institut für Chemische Energiekonversion,
Germany
RWTH Aachen University,
GermanyCatalytic Hydrogenolysis of Substituted Diaryl Ethers by Using Ruthenium Nanoparticles on an Acidic Supported Ionic Liquid Phase (Ru@SILP-SO₃H)

Letter

405



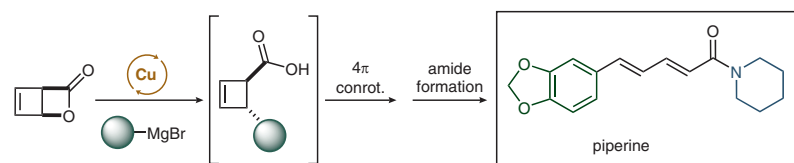
Synlett

Synlett 2019, 30, 413–416
DOI: 10.1055/s-0037-1611652A. Bauer
J.-H. Nam
N. Maulide*
University of Vienna, Austria

A Short, Efficient, and Stereoselective Synthesis of Piperine and its Analogues

Letter

413



- ✓ Piperine synthesized in quantitative yield
- ✓ Full stereocontrol
- ✓ Modulation of the aryl and the amide moiety

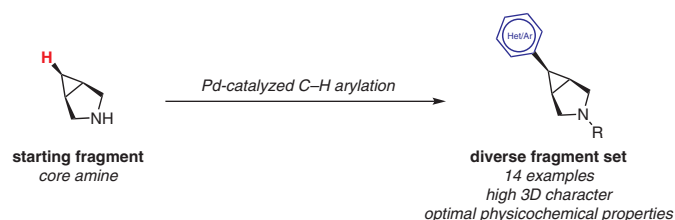
Synlett

Synlett 2019, 30, 417–422
DOI: 10.1055/s-0037-1610861M. Lee
A. Adams
P. B. Cox
M. S. Sanford*
University of Michigan, USA

Access to 3D Alicyclic Amine-Containing Fragments through Transannular C–H Arylation

Letter

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Bay-Region-Selective Annulative π -Extension (APEX) of Perylene Diimides with Arynes

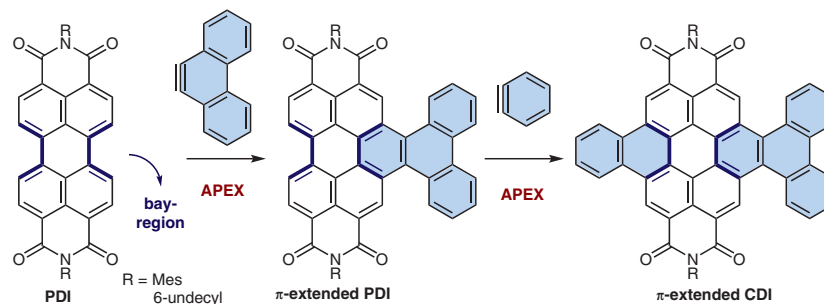
Letter

Synlett 2019, 30, 423–428
DOI: 10.1055/s-0037-1611668

423

T. Nakamuro
K. Kumazawa
H. Ito*
K. Itami*

Nagoya University, Japan

**Bay-region-selective annulative π -extension (APEX)**

- One-step π -extension at unfunctionalized bay-region
- No halogenation/oxidation
- Two-directional APEX
- 5 examples of π -extended PDI and CDI with moderate yields

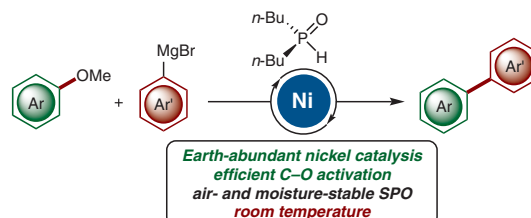
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Air-Stable Secondary Phosphine Oxides for Nickel-Catalyzed Cross-Couplings of Aryl Ethers by C–O Activation

Letter

Synlett 2019, 30, 429–432
DOI: 10.1055/s-0037-1611663

429

D. Ghorai
J. Loup
G. Zanoni
L. Ackermann*Georg-August-Universität,
Germany

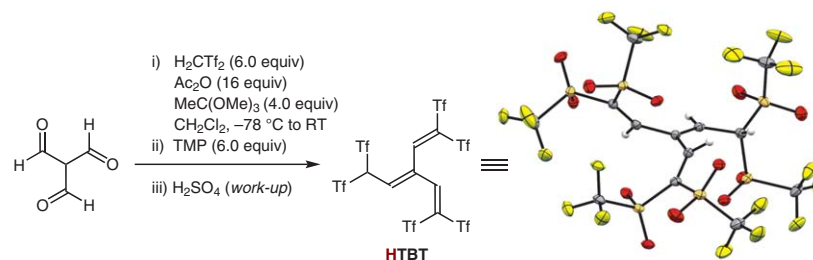
Synlett

A Dendralenic C–H Acid

Letter

Synlett 2019, 30, 433–436
DOI: 10.1055/s-0037-1612246

433

D. Höfler
R. Goddard
N. Nöthling
B. List*Max-Planck-Institut für Kohlen-
forschung, Germany

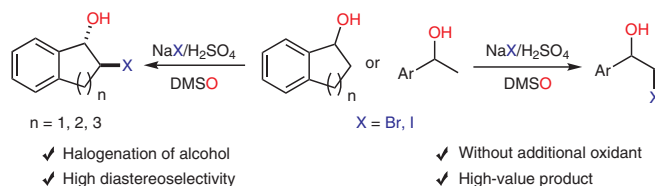
L. Ai
W. Wang
J. Wei
Q. Li
S. Song*
N. Jiao*

Peking University, P. R. of China

Oxidative β -Halogenation of Alcohols: A Concise and Diastereoselective Approach to Halohydrins

Letter

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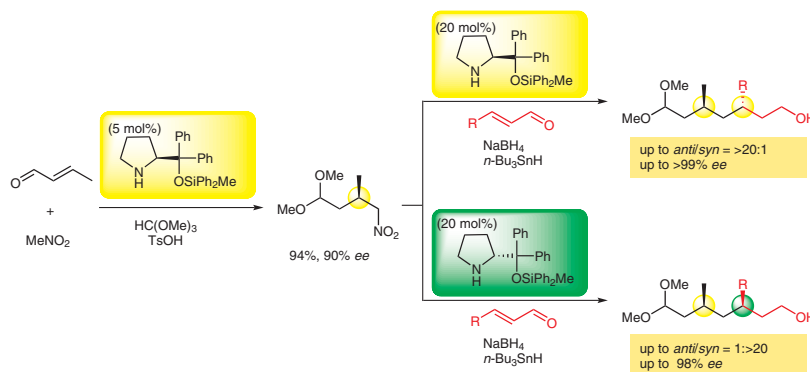
Y. Hayashi*
S. Toda

Tohoku University, Japan

Asymmetric Synthesis of Chiral 1,3-Dimethyl Units Through a Double Michael Reaction of Nitromethane and Crotonaldehyde Catalyzed by Diphenylprolinol Silyl Ether

Letter

442

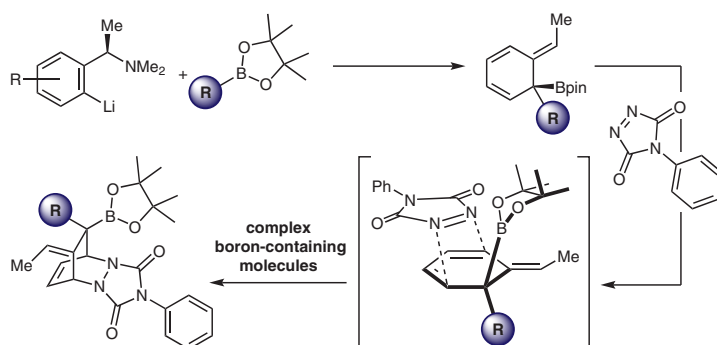
C. Tillin
R. Bigler
R. Calo-Lapido
B. S. L. Collins
A. Noble
V. K. Aggarwal*

University of Bristol, UK

Complex Boron-Containing Molecules through a 1,2-Metalate Rearrangement/*anti*- S_N2' Elimination/Cycloaddition Reaction Sequence

Letter

449

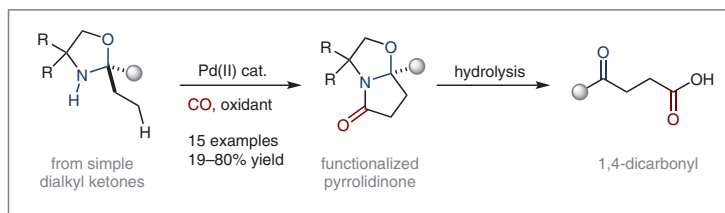


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Synlett 2019, 30, 454–458
DOI: 10.1055/s-0037-1611664D. K. H. Ho
J. Calleja
M. J. Gaunt*
University of Cambridge, UKPalladium(II)-Catalyzed C(sp³)-H Activation of N,O-Ketals towards a Method for the β -Functionalization of Ketones

Letter

454

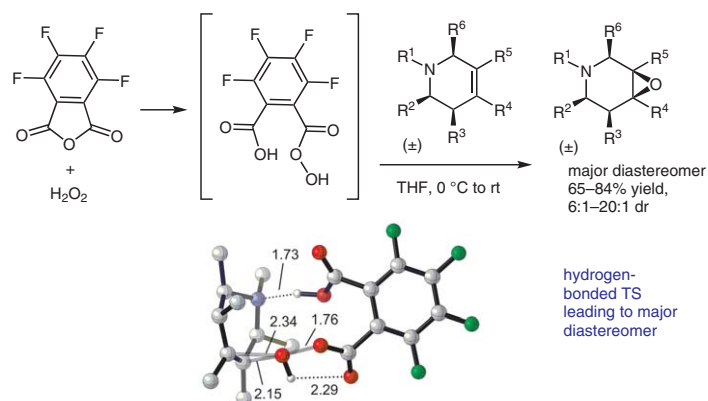


Synlett

Synlett 2019, 30, 459–463
DOI: 10.1055/s-0037-1611674S. Chen*
S. Wang
K. N. Houk*
University of California, USAOrigins of Contrasteric π -Facial Selectivity in Epoxidations of Encumbered Tetrahydropyridines by a Bifunctional Peracid

Letter

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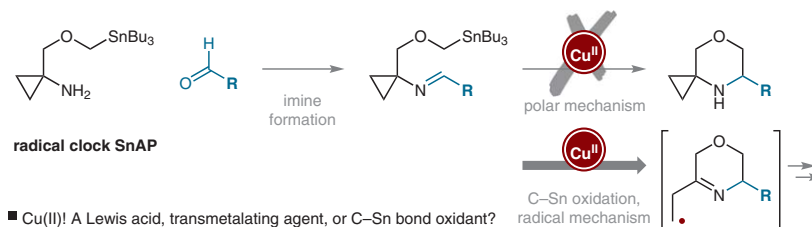
Synlett

Synlett 2019, 30, 464–470
DOI: 10.1055/s-0037-1611670M. U. Luescher
J. W. Bode*
ETH Zurich, Switzerland

Evidence for a Radical Mechanism in Cu(II)-Promoted SnAP Reactions

Letter

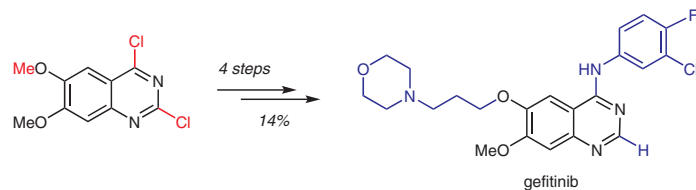
464



Synlett 2019, 30, 471–476
DOI: 10.1055/s-0037-1610375

T. S. Maskrey
T. Kristufek
M. G. LaPorte
P. R. Nyalapatla
P. Wipf*

University of Pittsburgh, USA

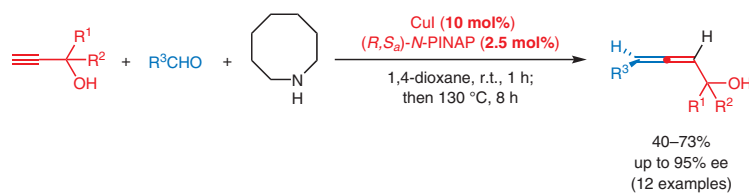


471

Synlett 2019, 30, 477–482
DOI: 10.1055/s-0037-1611641

Q. Liu
T. Cao
Y. Han
X. Jiang
Y. Tang
Y. Zhai
S. Ma*

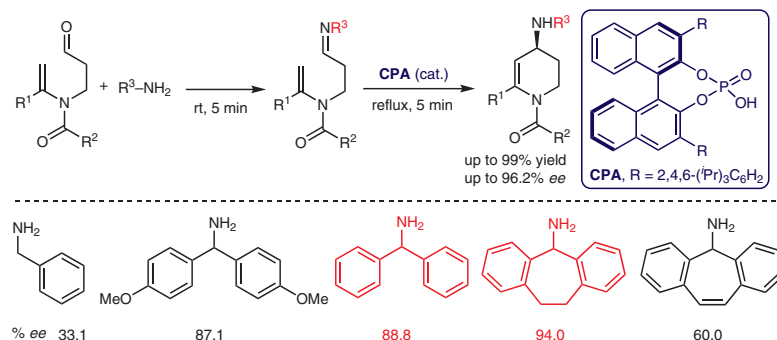
Shanghai Institute of Organic
Chemistry, P. R. of China



477

Synlett 2019, 30, 483–487
DOI: 10.1055/s-0037-1610384

S. Tong*
M.-X. Wang*
Tsinghua University, P. R. of
China



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Synlett 2019, 30, 488–492
DOI: 10.1055/s-0037-1611642

J.-S. Yu

H. Noda

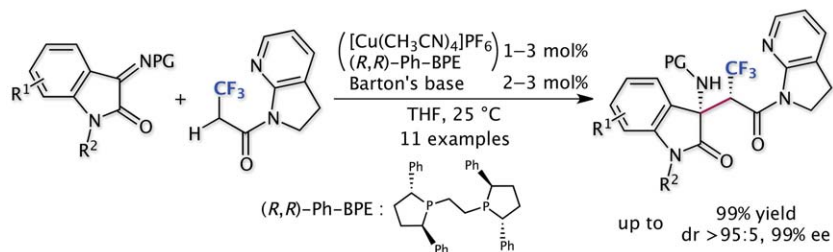
N. Kumagai*

M. Shibasaki*

Institute of Microbial Chemistry
(BIKAKEN), JapanDirect Catalytic Asymmetric Mannich-Type Reaction of an α -CF₃ Amide to Isatin Imines

Letter

488



Synlett

Synlett 2019, 30, 493–498
DOI: 10.1055/s-0037-1610403

J.-P. Berndt

F. R. Erb

L. Ochmann

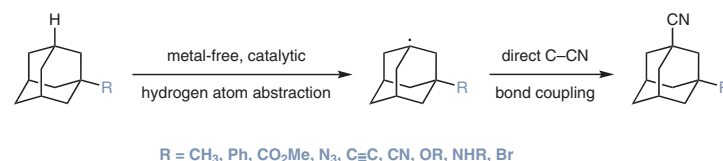
J. Beppler

P. R. Schreiner*

Justus Liebig University,
GermanySelective Phthalimido-*N*-oxyl (PINO)-Catalyzed C–H Cyanation of Adamantane Derivatives

Letter

493



17 examples • up to 71% yield • high selectivity • cheap • substrate (1 equiv)

Synlett

Synlett 2019, 30, 499–502
DOI: 10.1055/s-0037-1611639

M. Miyagawa

R. Yamamoto

N. Kobayashi

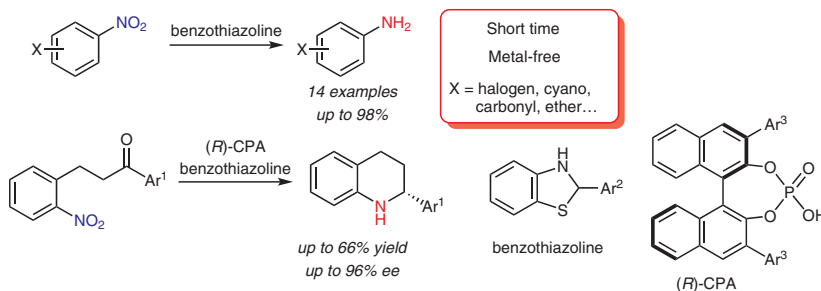
T. Akiyama*

Gakushuin University, Japan

Reduction of Nitroarenes to Anilines with a Benzothiazoline: Application to Enantioselective Synthesis of 2-Arylquinoline Derivatives

Letter

499

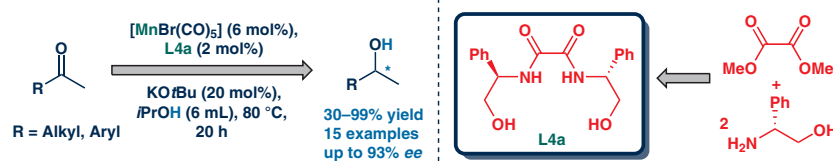


Synlett

Synlett 2019, 30, 503–507
DOI: 10.1055/s-0037-1611669J. Schneekönig
K. Junge
M. Beller*Leibniz-Institut für Katalyse e.V.,
GermanyManganese Catalyzed Asymmetric Transfer Hydrogenation of Ketones
Using Chiral Oxamide Ligands

Letter

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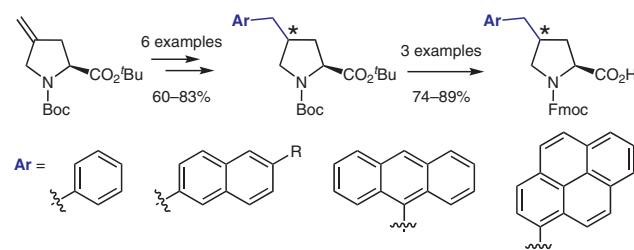
Synlett 2019, 30, 508–510
DOI: 10.1055/s-0037-1611672S. Loosli
C. Foletti
M. Pappmeyer
H. Wennemers*

ETH Zürich, Switzerland

Synthesis of 4-(Arylmethyl)proline Derivatives

Letter

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Synlett

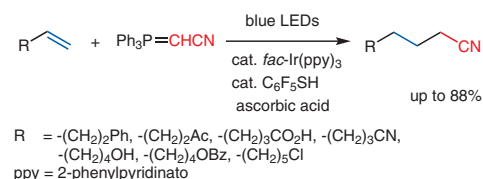
Synlett 2019, 30, 511–514
DOI: 10.1055/s-0037-1612230T. Miura*
D. Moriyama
Y. Funakoshi
M. Murakami*

Kyoto University, Japan

Photoinduced 1,2-Hydro(cyanomethylation) of Alkenes with a
Cyanomethylphosphonium Ylide

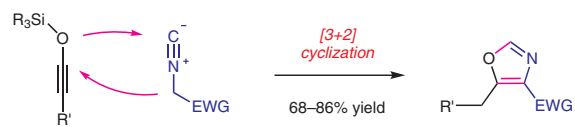
Letter

511



A. Wu
J. Sun*
The Hong Kong University of Science and Technology, P. R. of China

A [3+2] Cyclization of Siloxyalkynes and Isocyanides for the Synthesis of Oxazoles



• mild conditions

• high efficiency

• metal-free