

Synlett

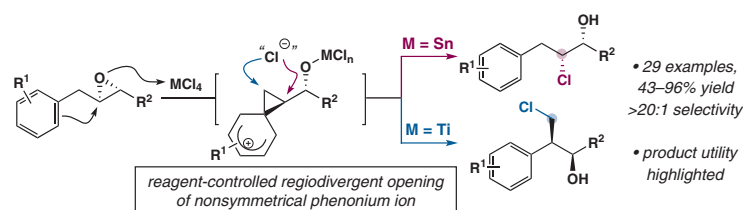
Synlett 2021, 32, 1–6
DOI: 10.1055/s-0040-1706420

H. M. Holst
S. B. McGuire
N. J. Race*
University of Minnesota, USA

Revisiting the ‘Phenonium Phenomenon’: Regiodivergent Opening of Nonsymmetrical Phenonium Ions with Halide Nucleophiles

Synfacts

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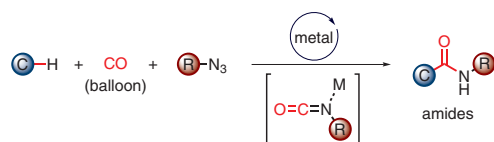
Synlett 2021, 32, 7–13
DOI: 10.1055/s-0040-1706416

Y.-L. Li
Z.-Y. Gu
J.-B. Xia*
Lanzhou Institute of Chemical
Physics (LICP), P. R. of China

Transition-Metal-Catalyzed Intermolecular C–H Carbonylation toward Amides

Synfacts

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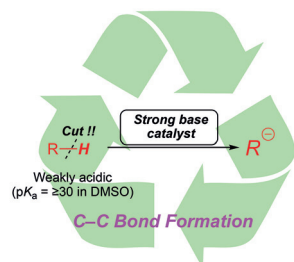
Synlett 2021, 32, 14–22
DOI: 10.1055/s-0040-1707202Y. Yamashita*
S. Kobayashi*

The University of Tokyo, Japan

New Dimensions of Brønsted Base Catalyzed Carbon–Carbon Bond-Forming Reactions

Account

14



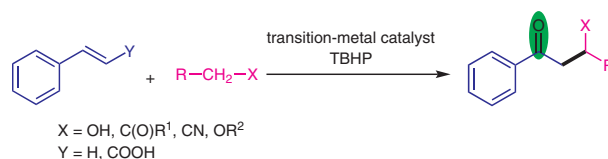
- Atom economical
- Asymmetric catalysis
- No transition metal

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Synlett 2021, 32, 23–29
DOI: 10.1055/s-0040-1706406N.-X. Wang*
L.-Y. Zhang
Y.-H. Wu
Y. Xing*Chinese Academy of Sciences,
P. R. of China
William Paterson University of
New Jersey, USAC(sp³)–H Bond Functionalization of Alcohols, Ketones, Nitriles, Ethers and Amides using *tert*-Butyl Hydroperoxide as a Radical Initiator

Account

23



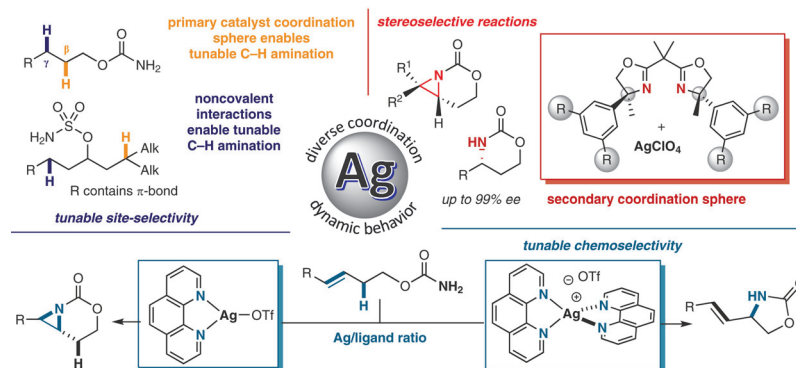
Synlett

Synlett 2021, 32, 30–44
DOI: 10.1055/s-0040-1707197L. E. Vine
E. E. Zerull
J. M. Schomaker*
University of Wisconsin, USA

Taming Nitrene Reactivity with Silver Catalysts

Account

30

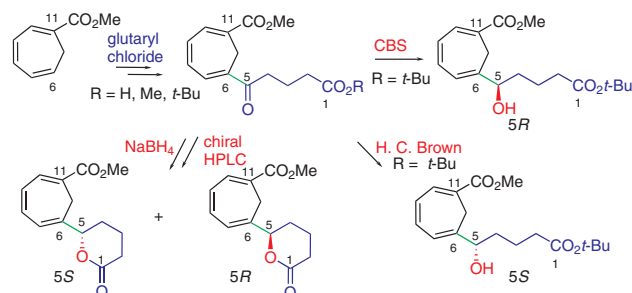


Synlett

Synlett 2021, 32, 45–50
DOI: 10.1055/s-0040-1707282A. Nava
L. Trippe
A. Frank
L. Andernach
T. Opatz
U. Nubbemeyer*Johannes Gutenberg-Universität
Mainz, GermanySynthesis of Optically Active Hydroxyalkyl Cycloheptatrienes:
A Key Step in the Total Synthesis of 6,11-Methylene-LXB₄

Letter

45

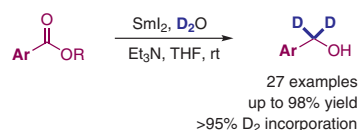


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Synlett 2021, 32, 51–56
DOI: 10.1055/s-0040-1705944S. Luo
C. Weng
Y. Ding
C. Ling
M. Szostak
X. Ma*
J. An*China Agricultural University,
P. R. of ChinaReductive Deuteration of Aromatic Esters for the Synthesis of
 α,α -Dideuterio Benzyl Alcohols Using D₂O as Deuterium Source

Letter

51

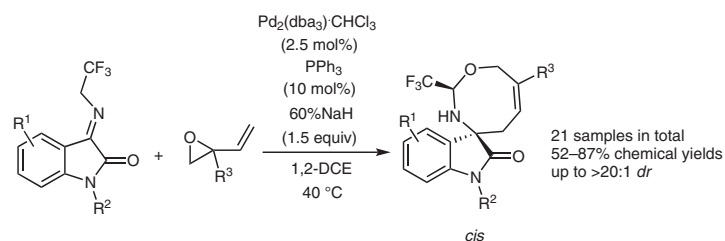


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Synlett 2021, 32, 57–62
DOI: 10.1055/s-0040-1706537H.-W. Zhao*
L.-R. Wang
W.-Q. Ding
J.-M. Guo
Z. Tang
X.-Q. Song
H.-H. Wu
X.-Z. Fan
X.-F. Bi
Q.-D. ZhongBeijing University of Technology,
P. R. of ChinaFormal [5+3] Cycloaddition between Isatin-Based α -(Trifluoromethyl)imine Ylides and Vinyloxiranes: Diastereoselective Access to Medium-Heterocycle-Fused Spirooxindoles

Letter

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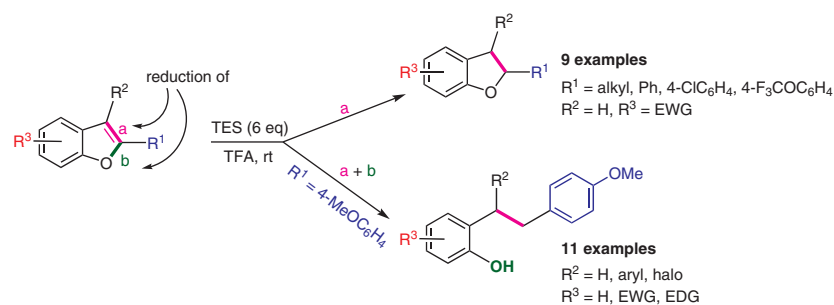


R. D'Orsi
I. Caivano
M. Funicello
P. Lupattelli
L. Chiummiento*
University of Basilicata, Italy

Structural Insights into the TES/TFA Reduction of Differently Substituted Benzofurans: Dihydrobenzofurans or Bibenzyls?

Letter

63



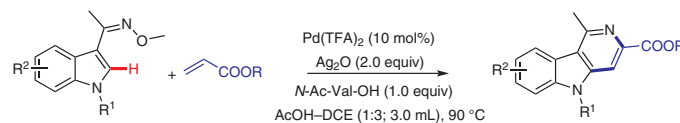
X.-P. Fu
L. Chen
G.-R. Wu
H.-W. Liu
C.-C. Xia*
Y.-F. Ji*

East China University of Science and Technology, P. R. of China
Shandong First Medical University and Shandong Academy of Medical Sciences, P. R. of China

Cascade Access to Carboline Carboxylates from Indolyl Ketoximes and Acrylates via Palladium-Catalyzed C–H Bond Alkenylation/Annulation

Letter

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- ◆ 37 examples, up to 75% yield
- ◆ first reported cyclization of traceless directing group with simple acrylates
- ◆ mild conditions and good functional group tolerance
- ◆ a direct and efficient method for carboline carboxylate synthesis

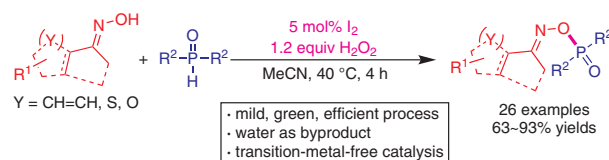
N. Li
Y. Wang
H. Yang
Z. He
Q. Zeng*

Chengdu University of Technology, P. R. of China

I₂-Catalyzed Oxidative Coupling of Ketone Oximes and Dialkyl/Diarylphosphine Oxides

Letter

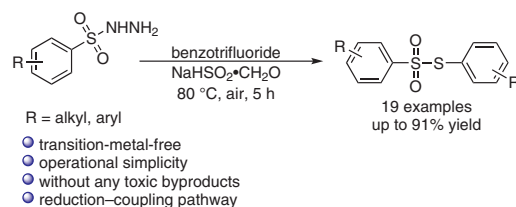
75



G. Zhang
Q. Fan
Y. Zhao
H. Wang
C. Ding*

Zhejiang University of Technology,
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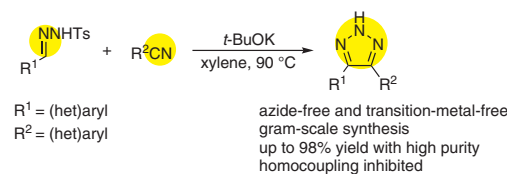
Dual Roles of Rongalite: Reductive Coupling Reaction to Construct Thiosulfonates Using Sulfonyl Hydrazides



S. Qiu
Y. Chen
X. Song
L. Liu
X. Liu
L. Wu*

Hainan Normal University,
P. R. of China

Potassium *tert*-Butoxide Promoted Synthesis of 4,5-Diaryl-2*H*-1,2,3-triazoles from Tosylhydrazones and Nitriles



S. An
J. Zhang
G. Jiang*

Lanzhou Institute of Chemical
Physics (LICP), P. R. of China

Synthesis of *gem*-Difluoroalkenes via a Sequence of Hydroboration and 1,2-Elimination of α,β -Unsaturated Carbonyls

