

Synlett

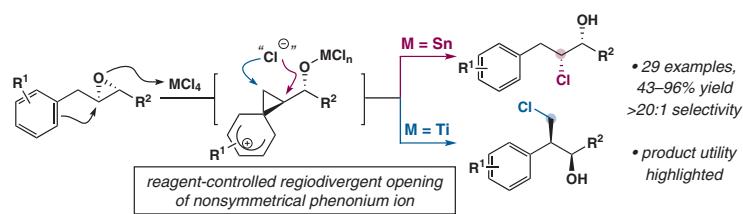
Synlett 2021, 32, 1–6
DOI: 10.1055/s-0040-1706420

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

Synpacts

1



Synlett

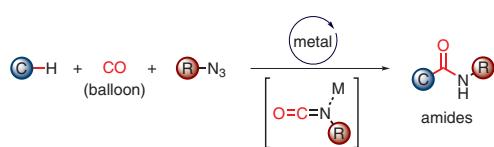
Synlett 2021, 32, 7–13
DOI: 10.1055/s-0040-1706416

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

Synpacts

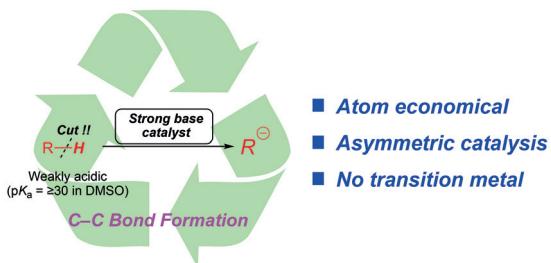
7



Y. Yamashita*

S. Kobayashi*

The University of Tokyo, Japan

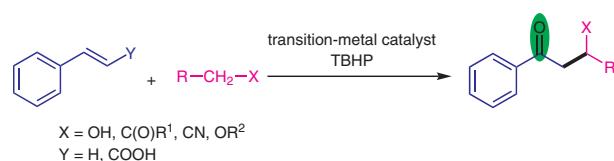


N.-X. Wang*

L.-Y. Zhang

Y.-H. Wu

Y. Xing*

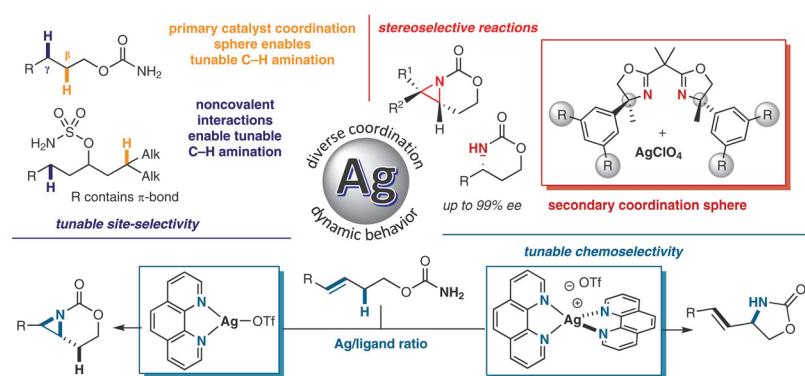
Chinese Academy of Sciences,
P. R. of ChinaWilliam Paterson University of
New Jersey, USA

L. E. Vine

E. E. Zerull

J. M. Schomaker*

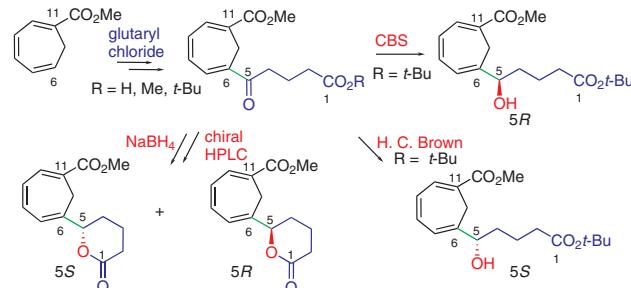
University of Wisconsin, USA



Synthesis of Optically Active Hydroxyalkyl Cycloheptatrienes: A Key Step in the Total Synthesis of 6,11-Methylene-LXB₄

Letter

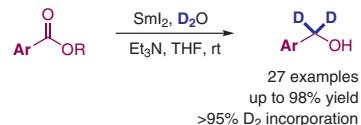
45

A. Nava**L. Trippé****A. Frank****L. Andernach****T. Opatz****U. Nubbemeyer***Johannes Gutenberg-Universität
Mainz, Germany

Reductive Deuteration of Aromatic Esters for the Synthesis of α,α -Dideutero Benzyl Alcohols Using D₂O as Deuterium Source

Letter

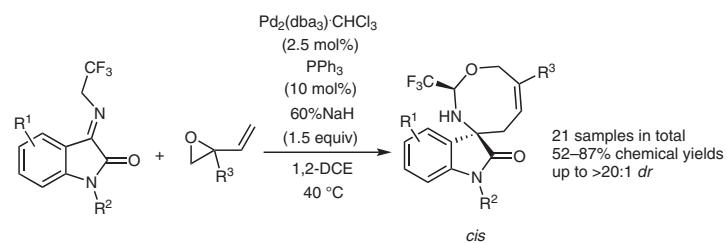
51

S. Luo**C. Weng****Y. Ding****C. Ling****M. Szostak****X. Ma*****J. An***China Agricultural University,
P. R. of China

Formal [5+3] Cycloaddition between Isatin-Based α -(Trifluoromethyl)imine Ylides and Vinyloxiranes: Diastereoselective Access to Medium-Heterocycle-Fused Spirooxindoles

Letter

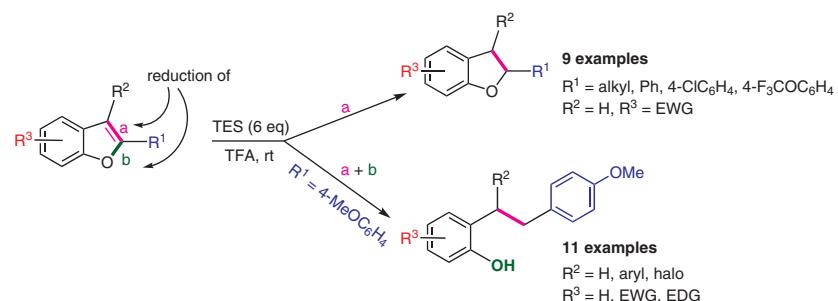
57

H.-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. Zhong**Beijing University of Technology,
P. R. of China

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

Letter

63

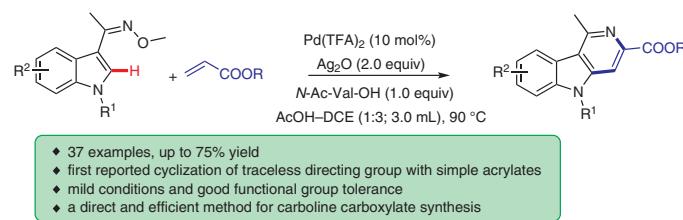


East China University of Science and Technology, P. R. of China
Shandong First Medical University and Shandong Academy of Medical Sciences, P. R. of China

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

Letter

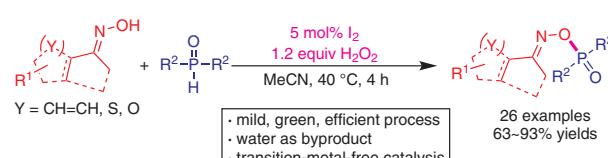
69



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

Letter

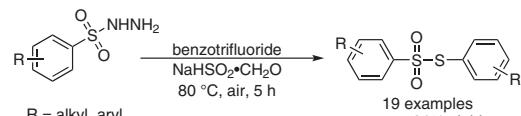
75



Dual Roles of Rongalite: Reductive Coupling Reaction to Construct Thiosulfonates Using Sulfonyl Hydrazides

Letter

81

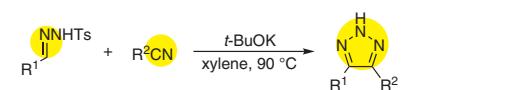
G. Zhang**Q. Fan****Y. Zhao****H. Wang****C. Ding***Zhejiang University of Technology,
P. R. of China19 examples
up to 91% yield

- transition-metal-free
- operational simplicity
- without any toxic byproducts
- reduction-coupling pathway

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

Letter

86

S. Qiu**Y. Chen****X. Song****L. Liu****X. Liu****L. Wu***Hainan Normal University,
P. R. of China

$R^1 = (\text{het})\text{aryl}$
 $R^2 = (\text{het})\text{aryl}$

azide-free and transition-metal-free
gram-scale synthesis
up to 98% yield with high purity
homocoupling inhibited

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

Letter

91

S. An**J. Zhang****G. Jiang***

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

