

Efficient Synthesis

Flow Microreactor System; Electrogenerated Cationic Intermediates

Award Accounts

doi:10.1246/bcsj.20150100

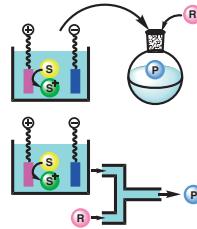


Reaction Integration Using Electrogenerated Cationic Intermediates

J. Yoshida

Jun-ichi Yoshida,* Akihiro Shimizu,
Yosuke Ashikari, Tatsuya Morofuji,
Ryutaro Hayashi, Toshiki Nokami, and
Aiichiro Nagaki

Bull. Chem. Soc. Jpn. 2015, 88, 763-775



BODIPY-Pyridine Dyads; Tunable Spectroscopic Properties

Editor's Choice

doi:10.1246/cl.150133

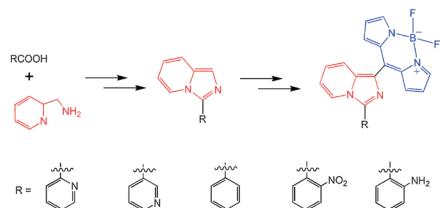


Syntheses and Optical Properties of BODIPY Derivatives Based on Imidazo[1,5-a]pyridine

W. Liu

Jinfa Hu, Yu Li, Yuxiao Wu, Wei Liu,*
Yong Wang,* and Yahong Li*

Chem. Lett. 2015, 44, 645-647

Catalytic Asymmetric Synthesis; Enantioenriched α -Tertiary Amines

Accounts for C-C Bond Formation

doi:10.1246/bcsj.20140302

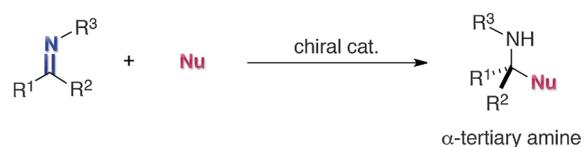


Recent Advances in Catalytic Asymmetric C–C Bond-Forming Reactions to Ketimines Promoted by Metal-Based Catalysts

M. Shibasaki

Naoya Kumagai* and Masakatsu Shibasaki*

Bull. Chem. Soc. Jpn. 2015, 88, 503-517



Flash Chemistry; Flow Microreactor System

Editor's Choice

doi:10.1246/cl.140980

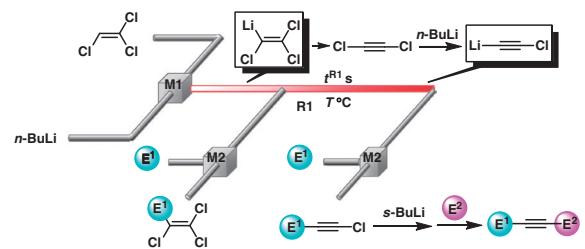


Flash Chemistry Using Trichlorovinylolithium: Switching the Reaction Pathways by High-resolution Reaction Time Control

J. Yoshida

Aiichiro Nagaki, Yusuke Takahashi,
Andrea Henseler, Chika Matsuo, and
Jun-ichi Yoshida*

Chem. Lett. 2015, 44, 214-216



Organocatalysis; Electroorganic Chemistry

Highlight Review

doi:10.1246/cl.140915

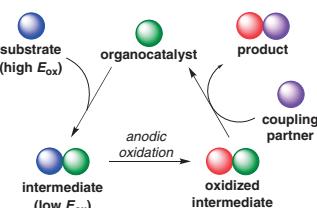


Recent Developments in Organocatalyzed Electroorganic Chemistry

A.J. Boydston

Kelli A. Ogawa and Andrew J. Boydston*

Chem. Lett. 2015, 44, 10-16

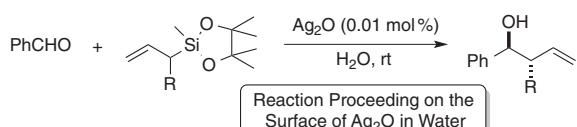




Catalytic Organic Reactions on the Surface of Silver(I) Oxide in Water

S. Kobayashi

Masaharu Ueno, Arata Tanoue, and Shū Kobayashi*
Chem. Lett. 2014, 43, 1867-1869

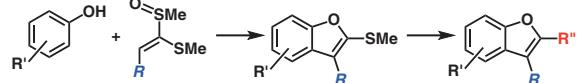


Two-Step, Practical, and Diversity-Oriented Synthesis of Multisubstituted Benzofurans from Phenols through Pummerer Annulation Followed by Cross-coupling

H. Yorimitsu

Kei Murakami, Hideki Yorimitsu,* and Atsuhiro Osuka
Bull. Chem. Soc. Jpn. 2014, 87, 1349-1366

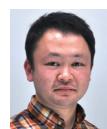
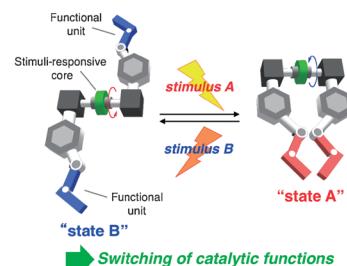
Pummerer Annulation/Cross-Coupling Sequence



Stimuli-responsive Cooperative Catalysts Based on Dynamic Conformational Changes toward Spatiotemporal Control of Chemical Reactions

T. Imahori

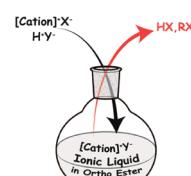
Tatsushi Imahori* and Seiji Kurihara
Chem. Lett. 2014, 43, 1524-1531



Efficient and Versatile Anion Metathesis Reaction for Ionic Liquid Preparation by Using Conjugate Acid and Ortho Ester

K. Takao

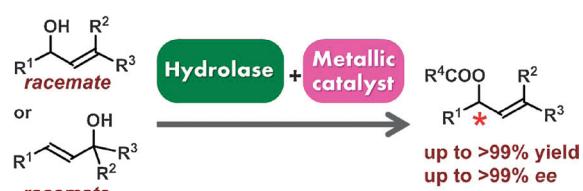
Koichiro Takao* and Shinobu Takao
Bull. Chem. Soc. Jpn. 2014, 87, 974-981



Dynamic Kinetic Resolution of Racemic Allylic Alcohols via Hydrolase–Metal Combo Catalysis: An Effective Method for the Synthesis of Optically Active Compounds

S. Akai

Shuji Akai
Chem. Lett. 2014, 43, 746-754



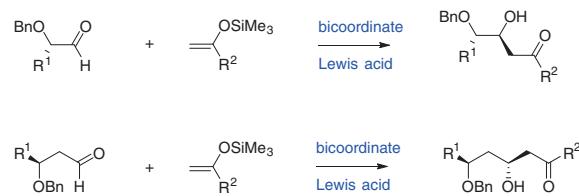
Dynamic Kinetic Resolution



The Chelation-controlled Mukaiyama Aldol Reaction of Chiral α - and β -Alkoxy Aldehydes

M. T. Reetz

Gheorghe-Doru Roiban, Adriana Ilie, and Manfred T. Reetz*
Chem. Lett. 2014, 43, 2-10

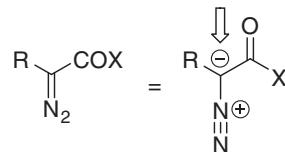


Development of Synthetic Transformations by Control of Acid-Catalyzed Reactions of Diazocarbonyl Compounds

T. Hashimoto

Takuya Hashimoto* and Keiji Maruoka*
Bull. Chem. Soc. Jpn. 2013, 86, 1217-1230

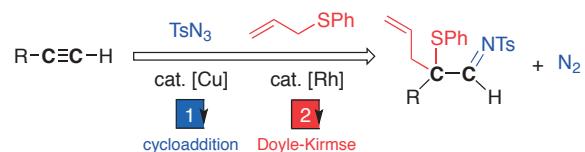
nucleophilic
in acid catalysis



Doyle-Kirmse Reaction Using Triazoles Leading to One-pot Multifunctionalization of Terminal Alkynes

M. Murakami

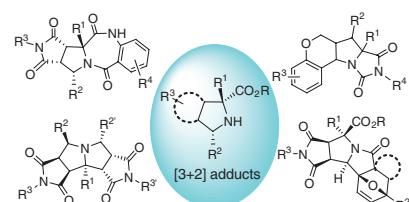
Tomoya Miura,* Takamasa Tanaka,
 Akira Yada, and Masahiro Murakami*
Chem. Lett. 2013, 42, 1308-1310



1,3-Dipolar Cycloaddition-based Synthesis of Diverse Heterocyclic Scaffolds

W. Zhang

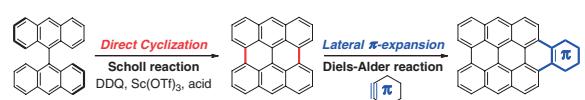
Wei Zhang
Chem. Lett. 2013, 42, 676-681



Facile Synthesis and Lateral π -Expansion of Bisanthenes

T. Kubo

Akihito Konishi, Yasukazu Hirao,
 Kouzou Matsumoto, Hiroyuki Kurata, and
 Takashi Kubo*
Chem. Lett. 2013, 42, 592-594

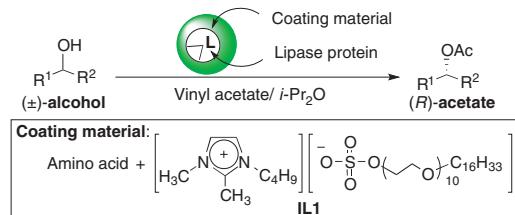




Synergistic Activation of Lipase by an Amino Acid with Alkyl-PEG Sulfate Ionic Liquid

T. Itoh

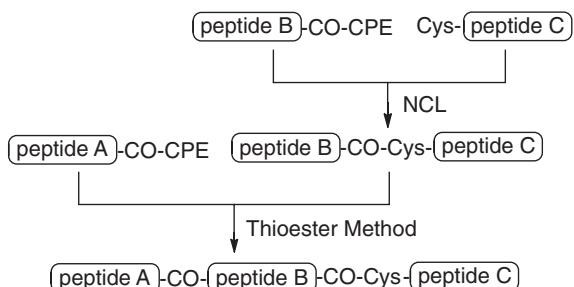
Kazuhide Yoshiyama, Yoshikazu Abe,
Shuichi Hayase, Toshiki Nokami, and
Toshiyuki Itoh*

Chem. Lett. 2013, 42, 663-665

Sequential Peptide Ligation by Combining the Cys-Pro Ester (CPE) and Thioester Methods and Its Application to the Synthesis of Histone H3 Containing a Trimethyl Lysine Residue

T. Kawakami

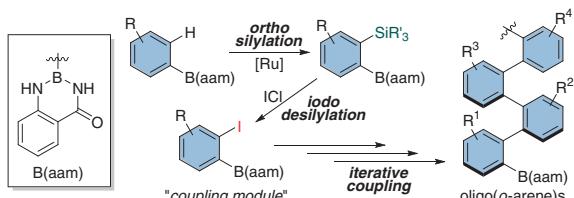
Toru Kawakami,* Yuichi Akai, Hisao Fujimoto,
Chieko Kita, Yuko Aoki, Takehiko Konishi,
Masazumi Waseda, Lisa Takemura, and
Saburo Aimoto*

Bull. Chem. Soc. Jpn. 2013, 86, 690-697

Anthranilamide-masked *o*-Iodoarylboronic Acids as Coupling Modules for Iterative Synthesis of *ortho*-Linked Oligoarenes

M. Sugino

Masashi Koyanagi, Nils Eichenauer,
Hideki Ihara, Takeshi Yamamoto, and
Michinori Sugino*

Chem. Lett. 2013, 42, 541-543

Synthesis of High-molecular-weight Head-to-tail-type Poly(3-substituted-thiophene)s by Cross-coupling Polycondensation with [CpNiCl(NHC)] as a Catalyst

A. Mori

Shunsuke Tamba, Kanta Fuji, Hikaru Meguro,
Shuji Okamoto, Tadashi Tendo,
Ryo Komobuchi, Atsushi Sugie,
Takashi Nishino, and Atsunori Mori*

Chem. Lett. 2013, 42, 281-283