
November 11 (Wed)

11:30-13:30 Poster Session 2 (Rooms C and D)

PB(C)-01 — PB(C)-72 (Room C)

PB(D)-01 — PB(D)-36 (Room D)

Room C

- PB(C)-01** Arata Yajima, Chieko Ida, Akihiro Kawajiri, Ryo Katsuta, Tomoo Nukada
Synthetic Studies of Epicoccamides and Virgineone, Biologically Active
Mannosilated 3-Acyltetramic Acids
- PB(C)-02** Ayaka Toda, Masahide Sano, Shuichi Nakamura
Enantioselective Decarboxylative Mannich-Type Reaction Using
N-Heteroarenesulfonyl Cinchona Alkaloid Amide Catalyst
- PB(C)-03** David Nečas, Jan Ulč, Reinhard Kaiser
Catalytic C-H Activation/Borylation of Helicenes
- PB(C)-04** Nazumi Matsuda, Mutsuyo Ohara, Shuichi Nakamura
Organocatalytic Enantioselective Aza-Friedel-Crafts Reaction of Cyclic Ketimines
with Pyrroles
- PB(C)-05** Yoshikazu Horino, Ataru Aimono, Hitoshi Abe
Palladium-Catalyzed Multi-Component Reaction of 3-(Tributylstannyl)propargyl
Acetates, Aldehydes, and Triorganoboranes
- PB(C)-06** Natsumi Kobayashi, Masaru Kondo, Shuichi Nakamura
Asymmetric Mannich-Type Reaction of α -Phenylthioacetoneitriles to Imines Using
Chiral Bis(imidazoline)-Palladium Catalysts
- PB(C)-07** Yutaro Yamamoto, Hiroshi Matsubara, Hideki Yorimitsu, Atsuhiko Osuka
Base-Free Palladium-Catalyzed Borylation of Aryl Chlorides with Diborons
- PB(C)-08** Shigeharu Wakabayashi, Yuka Hori, Natsumi Kanazawa, Yasuhiro Ohki,
Kazuyuki Tatsumi
4-(Diethylboryl)pyridine: Selective Crystallization of Cyclic Pentamer and
Hexamer
- PB(C)-09** Yuki Yokoyama, Yuto Unoh, Rebekka Anna Bohmann, Tetsuya Satoh,
Koji Hirano, Carsten Bolm, Masahiro Miura
Direct Coupling of Benzothioamides with Alkenes and Alkynes Catalyzed under
Rh(III) Catalysis
- PB(C)-10** Yoko Nakagawa, Soda Chanthamath, Kazutaka Shibatomi, Seiji Iwasa
Ru(II)-Pheox Catalyzed Enantioselective Si-H Insertion Reaction of Diazoacetates
- PB(C)-11** Bonepally Karunakar Reddy, Takahisa Hiruma, Kyouhei Ochiai,
Haruki Mizoguchi, Shun Suzuki, Hideaki Oikawa, Aki Ishiyama,
Masato Iwatsuki, Kazuhiko Ootoguro, Satoshi Ōmura, Hiroki Oguri
Design and *de novo* Synthesis of Anti-Malarial 6-Aza-Artemisinin

- PB(C)-12** **Sho Tabuchi, Koji Hirano, Tetsuya Satoh, Masahiro Miura**
Palladium-Catalyzed C(sp)-C(sp³) Cross-Coupling of Terminal Alkynes and Diarylmethyl Carbonates
- PB(C)-13** **Masataka Ide, Tetsuo Iwasawa**
Regio- and Stereoselective Synthesis of Vicinal (Z)-Dihaloalkenyl Silanes for Differentially All-Carbon Tetrasubstituted Olefins
- PB(C)-14** **Tomohiro Meguro, Suguru Yoshida, Takamitsu Hosoya**
Cycloaddition of Thiophene *S,S*-Dioxide Derivatives with Strained Cycloalkynes toward a Novel Method for Chemical Modification of Biomolecules
- PB(C)-15** **Takao Osako, Kaoru Torii, Aya Tazawa, Yasuhiro Uozumi**
Flow Oxidation and Hydrogenation Catalyzed by Amphiphilic Polymer-Dispersion of Platinum Nanoparticles
- PB(C)-16** **Masayuki Yamazaki, Saki Kitagawa, Kengo Hyodo, Kingo Uchida**
Bio-Inspired Iron Catalyzed Dehydration of Aldoximes to Nitriles
- PB(C)-17** **Kensuke Furue, Yousuke Ooyama, Joji Ohshita**
Development of Type-I and Type-II Dye Sensitizers with Two Anchoring Groups for Dye-Sensitized Solar Cells
- PB(C)-18** **T. A. Kalinina, O. A. Bystrykh, V. A. Pozdina, T. V. Glukhareva, M. V. Ulitko, Yu. Yu. Morzherin**
Synthesis and Biological Activity of Spiro Derivatives of 1,2,3-Triazolo[5,1-*b*][1,3,4]-thiadiazines
- PB(C)-19** **Shun Yamamoto, Masaki Kuse, Hirosato Takikawa**
First Synthesis of (±)-Hostasolide A
- PB(C)-20** **Go Hamasaka, Hiroaki Tsuji, Yasuhiro Uozumi**
Hydrogenation of Unactivated Aldehydes with a Hantzsch Ester as a Synthetic NADH Analogue in the Presence of an Electron-Deficient Triarylborane Catalyst
- PB(C)-21** **Motohiro Sonoda, Hiroyuki Shinohara, Ayu Ikeda, Naoya Hayagane, Akiya Ogawa, Shinji Tanimori**
Efficient Synthesis of Differentially-Functionalized Benzoate Derivatives and Its Further Transformations
- PB(C)-22** **Shunichi Kusumi, Harunobu Nakayama, Hajime Kuriki, Daisuke Takahashi, Kazunobu Toshima**
Synthetic Studies on Vineomycin A₁
- PB(C)-23** **Koji Uwa, Ya-Yi Tseng, Ken Kamikawa**
Synthesis of Carbazoles by Palladium Catalyzed C-H Arylation
- PB(C)-24** **Yuki Ohishi, Hajime Abe, Masahiko Inouye**
Native Mannose-Selective Extraction and Transportation by Pyridine–Acetylene–Phenol Alternating Oligomers
- PB(C)-25** **Takahisa Taniguchi, Nozomi Saito, Naoyuki Hoshiya, Katsumasa Fujiki, Satoshi Shuto, Hiromichi Fujioka, Mitsuhiro Arisawa, Yoshihiro Sato**
Sulfur-Modified Au-Supported Nickel Nanoparticles Catalyst (SANi)-Catalyzed Hydrocarboxylation of Alkynes
- PB(C)-26** **Akinori Kimura, Masaki Shimizu**
Room Temperature Phosphorescence of Bis(aryl)dibromobenzenes in Crystals

- PB(C)-27** **Hisatsugu Yamada, Yoshinori Hasegawa, Hirohiko Imai, Yuki Takayama, Fuminori Sugihara, Tetsuya Matsuda, Hidehito Tochio, Masahiro Shirakawa, Shinsuke Sando, Yu Kimura, Akio Toshimitsu, Yasuhiro Aoyama, Teruyuki Kondo**
Magnetic Resonance Imaging of Tumor with a Self-Traceable Phosphorylcholine Polymer
- PB(C)-28** **Keisuke Matoba, Takahiro Kusukawa**
Dicarboxylic Acid Recognition of Diamidine Having 1,8-Diphenylnaphthalene Unit
- PB(C)-29** **Junshi Asada, Hiromichi Egami, Kentaro Sato, Daisuke Hashizume, Yuji Kawato, Yoshitaka Hamashima**
Asymmetric Fluorolactonization with a Bifunctional Hydroxyl Carboxylate Catalyst
- PB(C)-30** **Shuo Yan, Shiguang Pan, Takao Osako, Yasuhiro Uozumi**
Oxidative Homocoupling of Terminal Alkynes with a Polymer-Supported Copper Catalyst
- PB(C)-31** **Yusuke Kuroda, Shingo Harada, Akinori Oonishi, Yousuke Yamaoka, Ken-ichi Yamada, Kiyosei Takasu**
Organocatalytic Activation of the Leaving Group in the Asymmetric Substitution Reaction
- PB(C)-32** **Satomi Hosokawa, Kazusue Teramoto, Yukihiro Motoyama**
Facile Silane-Reduction of Tertiary Carboxamides by Using Palladium on Carbon Catalyst
- PB(C)-33** **Ryo Katsuta, Shota Fujikawa, Naoko Masada, Arata Yajima, Tomoo Nukada**
Synthesis and Stereochemical Study of Decarestrictines G, H, J and Related Compounds
- PB(C)-34** **Kazuya Ikizakura, Yasunori Yamamoto**
Trifluoromethyltriolborate Salt: Novel Reagent for Cross-Coupling and Addition Reactions
- PB(C)-35** **Hsiao-Feng Chen, Ming-Chang Yeh**
Iridium(III)-Catalyzed Cyclization of Aromatic 5-Enynamides: Facile Synthesis of 2-Aminonaphthalenes, 2-Amino-1*H*-indenes, and 2,3-Dihydro-1*H*-indeno[2,1-*b*]pyridines
- PB(C)-36** **Ke Gao, Hideki Yorimitsu, Atsuhiko Osuka**
Palladium-Catalyzed Amination of Aryl Sulfides with Aliphatic Amines
- PB(C)-37** **Koji Sugiyama, Yasuhiro Oki, Shinji Kawanishi, Shuji Akai**
Elucidation of Characteristic Features of Mesoporous Silica and Their Synthetic Applications
- PB(C)-38** **Toshihiko Aiba, Sae Suehara, Hannah Bernin, Hanna Lotter, Shinsuke Inuki, Koichi Fukase, Yukari Fujimoto**
Synthesis and Immunoregulatory Activity of Lipophosphoglycans as NKT Cell Modulator
- PB(C)-39** **Heejin Kim, Hyune-Jea Lee, Dong-Pyo Kim, Jun-ichi Yoshida**
One-Flow Synthesis of Heterocyclic Thioquinazolinones Using Microfluidic Device
- PB(C)-40** **Taku Kitahara, Tsuyuka Sugiishi, Hideki Amii**
Generation and Reactions of Fluoroalkyl Carbanions by Deprotonation

- PB(C)-41** **Daiki Suzuki, Hajime Abe, Masahiko Inouye**
Synthesis and π -Stacking Self-Assembly of Ethynylpyridine Macrocycles with D_{3h} Symmetry
- PB(C)-42** **Chien-Hung Yeh, Wei-Chen Chen, Parthasarathy Gandeepan, Chien-Hong Cheng**
Rh^{III}-Catalyzed Dual Directing Group Assisted Sterically Hindered C–H Bond Activation: A Unique Route to Meta and Ortho Substituted Benzofurans
- PB(C)-43** **Teruhiko Saito, Yoshiaki Nakao**
Synthesis and Reactivity of Heterobimetallic Complexes Bearing Late Transition Metals and Aluminum
- PB(C)-44** **Takahiro Inatomi, Yuji Koga, Kouki Matsubara**
Buchwald-Hartwig Amination of Biarylaminos Catalyzed by Ni(I) Complexes and Studies on the Reaction Mechanism
- PB(C)-45** **Stephen J. Tulip, Jonathan H. George**
Studies Towards a Biomimetic Synthesis of Hinckdentine A
- PB(C)-46** **Justin T. J. Spence, Jonathan H. George**
Biomimetic Synthesis of Natural Products Using *Ortho*-Quinone Methides
- PB(C)-47** **Takahide Fukuyama, Akihiro Matsui, Mai Kuratsu, Shinya Furukawa, Ryotaro Nakaya, Takashi Ineyama, Hiroshi Ueda, Ilhyong Ryu**
Coupling Reagent-Free Synthesis of Dipeptides with Phosphonium Based Amino Acid Ionic Liquids
- PB(C)-48** **Neeraj Kumar Mishra, In Su Kim**
Rh(III)-Catalyzed C–H Amidation with Isocyanates
- PB(C)-49** **Tsutomu Kimura, Tsuyoshi Satoh**
Intramolecular C–H Insertion of Magnesium Carbenoids: An Experimental and DFT Study
- PB(C)-50** **Keisuke Asano, Ryota Miyaji, Seiji Matsubara**
Bifunctional Organocatalysts for Enantioselective Synthesis of Axially Chiral Compounds
- PB(C)-51** **Hiroto Yoshida, Ikuo Kageyuki, Ken Takaki**
Copper-Catalyzed Three-Component Carboboration of Alkenes with a Masked Diboron
- PB(C)-52** **Yuuki Kondo, Tsuyoshi Satoh, Tsutomu Kimura**
Consecutive Reaction of Magnesium Carbenoids with Nucleophiles and Electrophiles
- PB(C)-53** **Motohiro Akazome, Naoto Norita, Shohei Yokota, Shoji Matsumoto**
Crystallization-Induced Dynamic Resolution of Racemic Amides Using Enantioselective Inclusion into Chiral Amide and Urea Hosts
- PB(C)-54** **Shun Ichii, Kohji Iwaida, Yu Masui, Kazuyoshi Kanamori, Toshiyuki Kamei, Kazuki Nakanishi, Toyoshi Shimada**
Highly Efficient Organofunctionalization on Various Supports with Hydrosilanes
- PB(C)-55** **Tong Thi Minh Thu, Takahiro Soeta, Yutaka Ukaji**
Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Imines Utilizing Tartaric Acid Ester as a Chiral Auxiliary

- PB(C)-56** Michihisa Murata, Chao Lumen, Atsushi Wakamiya, Yasujiro Murata
Conversion of Tetrabenzopyracylene into Curved π -Systems Having Intense Solid-State Emission Behavior
- PB(C)-57** Yoshihiro Sohtome, Genta Nakamura, Sylvain Lectard, Teruhisa Tsuchimoto, Atsuya Muranaka, Masanobu Uchiyama, Daisuke Hashizume, Mikiko Sodeoka
Development of the Desymmetrized Octahedral Ni(II)–Diamine–Acetates Complexes for Asymmetric Formal [3+2] Cycloaddition of α -Ketoesters
- PB(C)-58** K. Okura, E. Shirakawa
Single Electron Transfer-Induced Coupling of Alkylzincs with Aryl Halides
- PB(C)-59** Katsuya Shimomaki, Hiroyuki Kusama, Nobuharu Iwasawa
Total Synthesis of Integrifolin
- PB(C)-60** Ryosuke Haraguchi, Seiji Matsubara
[2+2+1] Cocyclization Using Allenones, Diketones, and Bis(iodozincio)methane
- PB(C)-61** Taisyun Hanakawa, Kazuki Isa, Maki Minakawa, Motoi Kawatsura
Palladium-Catalyzed Amination 2,3,3-Trifluoroallyl Acetates with Amines: Synthesis of Trifluoromethylenamines
- PB(C)-62** Asami Tarao, Yukako Tabuchi, Eri Sugimoto, Miki Ikeda, Hitomi Uchimoto, Kenji Arimitsu, Hiroyuki Kimura, Ikuo Kawasaki, Masatoshi Kawahata, Kentaro Yamaguchi, Kiyoharu Nishide
A Mechanistic Investigation for Anti-Elimination of (*Z*)-1,2-Bis(arylseleno)-1-alkenes and Their Sulfur Analogs
- PB(C)-63** Kohei Takamoto, Norimichi Hyogo, Hiromichi Fujioka, Mitsuhiro Arisawa
Ru-Catalyzed 1,6-Enyne Cycloisomerization of Aromatic Enamide, New Strategy toward 2,3-Disubstituted Indole
- PB(C)-64** Takahiro Kawakami, Kei Murakami, Kenichiro Itami
Catalytic C-H Imidation of Aromatic Core of Functional Molecules
- PB(C)-65** Koji Mizuki, Makio Shibano, Rikiya Kawahata, Hiroki Yoneyama, Shinya Harusawa, Yoshihide Usami
Synthesis of (+)-Pericosine E: Naturally Occurring Minor Enantiomer
- PB(C)-66** Ryo Suzuki, Shihori Kuki, Takashi Futamura, Mitsuaki Yamamoto, Maki Minakawa, Motoi Kawatsura
Palladium-Catalyzed Regioselective Hydroalkylation of 2-Fluoroallyl Acetates: Synthesis of Vinylmalonic Acid Ester Derivatives
- PB(C)-67** Narumi Nakata, Daisuke Kaneno
Effects of Lewis Acid on the Reaction Mechanism of Diastereoselective Aldol Reaction
- PB(C)-68** Narumasa Saito, Jun Takaya, Nobuharu Iwasawa
Synthesis, Structure, and Reactivity of Gallium-Late Transition Metal Heterobimetallic Complexes
- PB(C)-69** Fumiyoshi Inoue, Teruhiko Saito, Kazuhiko Semba, Yoshiaki Nakao
C-3 Selective Alkenylation of *N*-Acylindoles by Cooperative Nickel/Aluminum Catalysis

- PB(C)-70** **Ryo Shibazaki, Daisuke Uraguchi, Takashi Ooi**
Regio-, Stereo-, and Enantioselective Conjugate Addition of Azlactones to Enynyl
N-Acylpyrazoles
- PB(C)-71** **Hajime Yotsuji, Kenji Higashiguchi, Kenji Matsuda**
Substitution Effect on Aggregation of Amphiphilic Diarylethenes
- PB(C)-72** **Ryo Murakami, Takeshi Yamamoto, Michinori Suginome**
Asymmetric Steglich Rearrangement with Poly(quinoxaline-2,3-diyl)-Based
Helically Chiral DMAP Derivatives

Room D

- PB(D)-01** **Takashi Mino, Minato Asakawa, Yamato Shima, Masami Sakamoto**
Synthesis and Application of Axially Chiral Aminophosphines with *t*-Butyl Group
- PB(D)-02** **Hirokazu Tsukamoto, Taishi Ikeda, Takayuki Doi**
Palladium(II)-Catalyzed Annulation of Alkynes with 2-(Cyanomethyl)-phenylboronates Leading to 3,4-Disubstituted 2-Naphthalenamines
- PB(D)-03** **Vinš Petr, Černý Ivan, Drašar Pavel**
Synthesis of 5 α -Androstane-3 α ,17 β -diol 17-O-Glucuronide Histaminyl Conjugate for Immunoassays
- PB(D)-04** **Takashi Nishiyama, Sawa Takaki, Noriyuki Hatae, Satoshi Hibino, Tominari Choshi**
New Synthesis of Carbazole-1,4-quinone Using a Tandem Ring-Closing Metathesis and Dehydrogenation Reaction under Oxygen Atmosphere, and Its Application
- PB(D)-05** **Tsumoru Morimoto, Tetsuji Fujii, Kiyomi Kakiuchi**
Accessible Protocol for Asymmetric Hydroformylation of Vinylarenes Using Formaldehyde
- PB(D)-06** **Kazuhiko Sakaguchi, Naoto Kinashi, Harry A. Frank, Shigeo Katsumura, Tetsuro Shinada**
Development of *E*- β -Ethynyl- α -stannylacrylate toward Efficient Synthesis of Polyfunctional Carotenoids
- PB(D)-07** **Darya V. Anohina, Aliia S. Gusak, Polina E. Prokhorova, Joice Thomas, Yurii Yu. Morzherin, Wim Dehaen**
Synthesis of Novel Homodithiacalix[n]arenes
- PB(D)-08** **Takashi Niwa, Hidenori Ochiai, Yasuyoshi Watanabe, Takamitsu Hosoya**
Transition-Metal-Catalyzed Defluoroborylation of Fluoroarenes for Expedient Preparation of ¹⁸F-Labeled PET Probes
- PB(D)-09** **Yu Yamane, Shingo Ishikawa, Takashi Nishikata**
A Pd-Catalyzed Direct Arylation of Aromatic Ring at Bulky C-H Bond
- PB(D)-10** **Kholis Amalia Nofianti, Yuri Tanoue, Shigeru Sasaki, Takayasu Yamauchi, Kimio Higashiyama**
Enantioselective Synthesis of (+) and (-)-4-Methyl-6-propylpiperidin-2-one from *R*-Phenylglycynol through Imine and Oxazolidine Intermediate: Stereoselective Synthesis of Cermizine C
- PB(D)-11** **Takahiro Nishimura, Yusuke Ebe**
Branch-Selective Hydroarylation of Vinyl Ethers Catalyzed by Iridium Complexes
- PB(D)-12** **Yudai Suzuki, Bo Sun, Ken Sakata, Tatsuhiko Yoshino, Shigeki Matsunaga, Motomu Kanai**
Dehydrative Direct C-H Allylation with Allylic Alcohols under Cp*Co^{III} Catalysis
- PB(D)-13** **Takuya Sato, Tohru Oishi, Kohei Torikai**
2-Naphthylmethoxymethyl as a Mildly Introducing and Oxidatively Removable Benzyloxymethyl-Type Protecting Group

- PB(D)-14** **Megumi Sakai, Yasunori Minami, Tamejiro Hiyama**
Pd-Catalyzed Double C–H Activation of Alkynyl Aryl Ethers and Allyl Pivalates for Synthesis of 2,3-Bismethylenechromans
- PB(D)-15** **Shinsuke Inuki, Keisuke Sato, Yukari Fujimoto**
Decarboxylative Functionalization of β -Hydroxy Amino Acids via Photoredox Catalysis and Its Application to Synthesis of Functional 1,2-Amino Alcohol Derivatives
- PB(D)-16** **Masahiro Nagasaki, Naoya Minamoto, Hiroki Shomura, Yoshiyuki Manabe, Katsunori Tanaka, Koichi Fukase**
Efficient Synthesis of Complex-Type *N*-Glycans
- PB(D)-17** **Shingo Harada, Masato Kono, Tomoyuki Nozaki, Yasuhiro Menjo, Yasumasa Hamada, Tetsuhiro Nemoto**
General Approach to Nitrogen-Bridged Bicyclic Frameworks by Rh-Catalyzed Formal Carbenoid Insertion into an Amide C–N Bond
- PB(D)-18** **Munenori Numata, Rie Nogami, Atsushi Asai, Takuya Nakadozono**
Supramolecular Chemistry in Designed Microspace
- PB(D)-19** **Shinya Otsuka, Hideki Yorimitsu, Atsuhiko Osuka**
Palladium-Catalyzed C–H Arylation of Polyfluoroarenes and Heteroarenes with Aryl Sulfides
- PB(D)-20** **Eri Tokumaru, Isamu Shiina**
Enantioconvergent Dynamic Kinetic Resolution of Racemic 2-(1*H*-Pyrrol-1-yl)-alkanoic Acids to Provide Chiral α -Amino Acid Derivatives by the Asymmetric Esterification
- PB(D)-21** **Takuya Shimbayashi, Kazuhiro Okamoto, Kouichi Ohe**
Mechanistic Studies on Rhodium(I)-Mediated N–O Bond Cleavage of Oxime Derivatives
- PB(D)-22** **Takuya Kinoshita, Yoichi Hoshimoto, Masato Ohashi, Sensuke Ogoshi**
A Strategy to Control the Revival of Frustrated Lewis Pairs from Shelf-Stable Carbene-Borane Complexes
- PB(D)-23** **Takuma Tagami, Yukihiro Arakawa, Keiji Minagawa, Yasushi Imada**
Flavin Catalyzed α -Oxyamination of Aldehydes under Visible Light Irradiation
- PB(D)-24** **Takanari Kato, Koji Yasui, Kazuo Nagasawa**
Guanidinium-Hypoiodite Catalyzed Oxidative Coupling Reaction of β -Ketoamide with Oxindoles
- PB(D)-25** **Takaaki Kitamura, Daisuke Ichinari, Aiichiro Nagaki, Jun-ichi Yoshida**
Flash Chemistry Enables Three-Component Coupling via Carbolithiation of Benzyne
- PB(D)-26** **Akihiro Orita, Kenta Shinohara, Takanori Nishida, Lifeng Peng, Ryosuke Wada, Junzo Otera**
Two-Step Synthesis of Aromatic Enynes from 1-Phosphorylpropyne
- PB(D)-27** **Takeshi Komiyama, Yasunori Minami, Tamejiro Hiyama**
Synthesis HOMSi Reagents via Ir-Catalyzed C–H Silylation with HOMSi Hydrosilanes

- PB(D)-28** Avijit Ghosh, Takashi Nakanishi
Room Temperature Liquid Porphyrins: Engineering with Branched Alkyl Chains
- PB(D)-29** Takashi Kuwahara, Yuki Yamamoto, Takahide Fukuyama, Ilhyong Ryu
Highly Selective Olefin Isomerization Catalyzed by RuHCl(CO)(PPh₃)₃
- PB(D)-30** Kazuki Maeda, Takuma Terada, Takahiro Iwamoto, Takuya Kurahashi,
Seijiro Matsubara
Ruthenium-Porphyrin-Catalyzed [4 + 2] Cycloaddition of α,β -Unsaturated Imines and Aldehydes
- PB(D)-31** Daichi Satomi, Hajime Maeda, Masahito Segi
Novel Synthetic Approach to Selenosugar Derivatives via Cycloaddition Reaction of Selenoaldehydes
- PB(D)-32** Shun-ichi Naito, Tsutomu Yoshimura, Yuanjun Di, Aoi Son, Yu Kimura,
Akio Toshimitsu, Teruyuki Kondo
Novel Rare Earth Metal-Catalyzed Synthesis of 4(3*H*)-Quinazolinones and Benzimidazoles
- PB(D)-33** Masanori Tayu, Yui Suzuki, Kazuhiro Higuchi, Tomomi Kawasaki
Chiral Sulfoxide-Mediated First Intermolecular Interrupted Pummerer Reaction for Enantioselective Synthesis of C3a-Substituted Pyrroloindolines
- PB(D)-34** Sachie Arae, Daiki Ueda, Yusuke Shigeta, Shinji Hamamoto,
Michinori Sumimoto, Hitoshi Fujimoto, Kazunobu Igawa,
Katsuhiko Tomooka, Ryo Irie
New Synthetic Approach to Carbazol-Containing Chiral Azahelicenes by Pd-Catalyzed Cyclodehydrogenation and Their Stereochemical Behavior
- PB(D)-35** Ryohei Kameyama, Kazuhiko Semba, Yoshiaki Nakao
Copper-Catalyzed Semihydrogenation of Internal Alkynes
- PB(D)-36** Nancy Romero-Ceronio, Joel L. Terán, Jorge Juárez, Dino Gnecco,
Carlos E. Lobato-García, Luis F. Roa
Diastereoisomeric Reduction of (1'*S*)-(-)-8-Aza-1,4-dioxo-8-(1'-phenylethyl)-7-(acetoxyethyl)-[4.5]-spirodeca-7-ylidene