

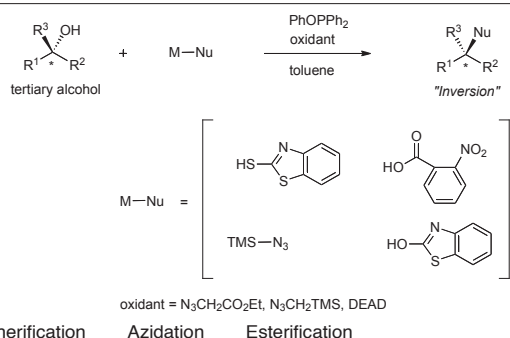
■ CELEBRATION OF PROFESSOR EMERITUS AKIRA SUZUKI

- 1 Congratulations on Your 80-Years Birthday to Professor Akira Suzuki by Yurii N. Bubnov
- 7 Laudatio Suzuki Akira by Victor Snieckus
- 13 Curriculum Vitae of Akira Suzuki
- 15 Organoboranes in Organic Syntheses Including Suzuki Coupling Reaction by Akira Suzuki
- 45 List of Publications by Akira Suzuki (1967-2008)

■ REVIEWS

- 63 **A New Type of Oxidation-Reduction Condensation by the Combined Use of Phenyl Diphenylphosphinite and Oxidant**

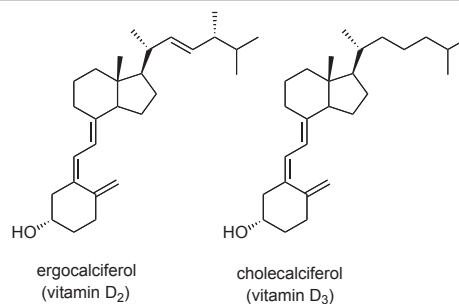
Teruaki Mukaiyama,* Kiichi Kuroda, and Yuji Maruyama



Oxidation-Reduction Condensation Stereoinversion of Chiral Alcohol Thioetherification Azidation Esterification

- 83 **Pharmaceutical Studies on Vitamin D Derivatives and Practical Syntheses of Six Commercially Available Vitamin D Derivatives That Contribute to Current Clinical Practice**

Noboru Kubodera*

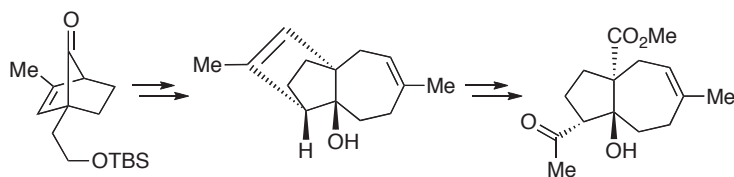


Vitamin D Active Vitamin D Active Vitamin D Derivative Pharmaceutical Study Practical Synthesis

■ COMMUNICATIONS

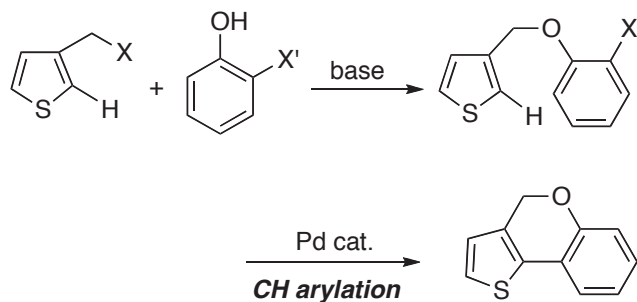
99 Efforts toward the Synthesis of Pseudolaric Acid A: Intramolecular Bromoetherification as a Multipurpose Synthetic Tool

Jeremy D. Pettigrew and Leo A. Paquette*


 Perhydroazulene Regioselective Epoxidation Relay Ring Closing Metathesis *N*-Bromosuccinimide Zinc-Copper Couple

103 Construction of Fused Thiophene Ring System *via* Intramolecular CH Arylation by Palladium Catalysis

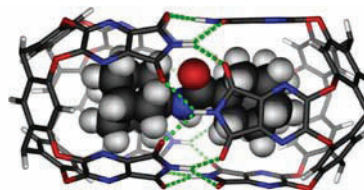
Atsunori Mori,* Nobumichi Arai, Tomomi Hatta, and Daiki Monguchi



Thiophene CH Arylation Intramolecular Coupling Palladium Catalyst Cyclization

109 Solid Guests in Reversible Encapsulation Hosts

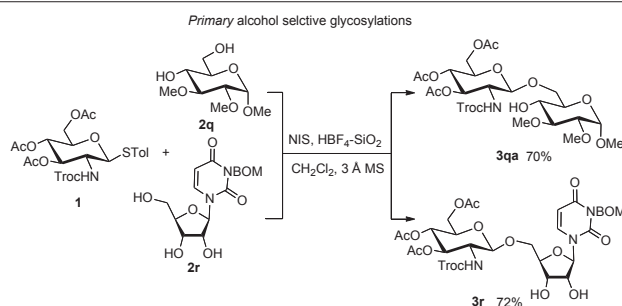
Dariush Ajami and Julius Rebek, Jr.*



Supramolecular Chemistry Molecular Recognition Host-Guest Chemistry Packing Coefficients Molecular Capsule

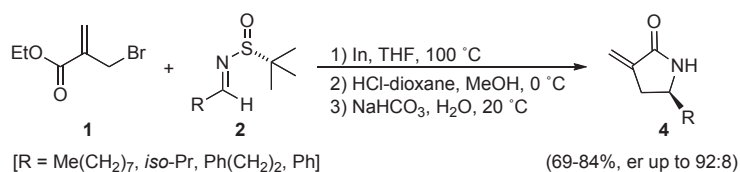
115 Mild and Selective *O*-Glycosylations of Primary Alcohols with the Thioglucosaminide Derivative Promoted by *N*-Iodosuccinimide and HBF₄-Adosrobed on Silica Gel

Michio Kurosu* and Kai Li


 HBF₄-SiO₂ Selective Glycosylation Thioglycoside Glucosamylation Prodrug Design

125 Stereoselective Synthesis of α -Methylene- γ -butyrolactams from Ethyl 2-(Bromomethyl)acrylate and Chiral Sulfinyl Aldimines Mediated by Indium

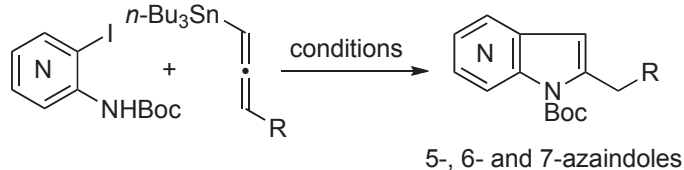
Haythem K. Dema, Francisco Foubelo,* and Miguel Yus*



Methylenebutyrolactam Indium Sulfinylimine Stereoselective Synthesis Ethyl 2-Bromoethylacrylate

133 A New Entry for Preparation of 2-Substituted Azaindoles

Montaser Shaykoon Ahmed Shaykoon, Fuyuhiko Inagaki, and Chisato Mukai*

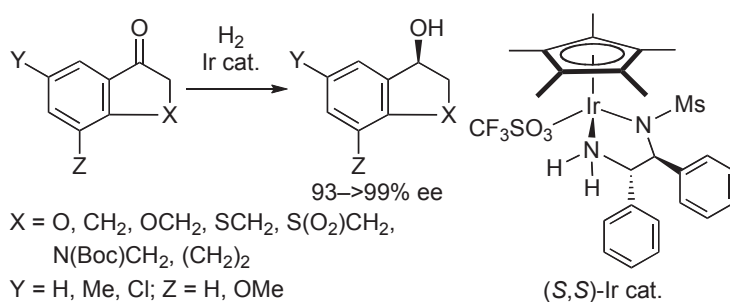

 conditions A: Pd₂(dba)₃, TFP, CuI, TBAC, DMF, rt

 conditions B: (i) Pd₂(dba)₃, TFP, CuI, DMF, rt (ii) TBAF, THF, rt

2-Substituted 5-, 6- and 7-Azaindoles 3-Substituted Allenylstannane Iodoaminopyridine Stille Coupling Cyclization

141 Asymmetric Hydrogenation of Aromatic Heterocyclic Ketones Catalyzed by the MsDPEN-Cp*Ir(III) Complex

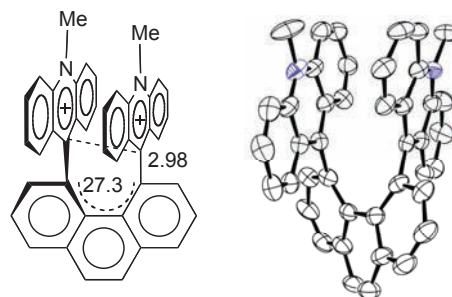
Noriyuki Utsumi, Kunihiro Tsutsumi, Masahiko Watanabe, Kunihiro Murata, Noriyoshi Arai, Nobuhito Kurono, and Takeshi Ohkuma*



Asymmetric Hydrogenation Chiral Alcohol Enantioselective Reaction Iridium Catalyst Ketone

149 Phenanthrene-4,5-diylbis(10-methylacridinium) with a Short C⁺ - C⁺ Contact: Preparation, Molecular Structure, Redox Properties, and Electrochromic Interconversion with Dihydropyrene Derivative

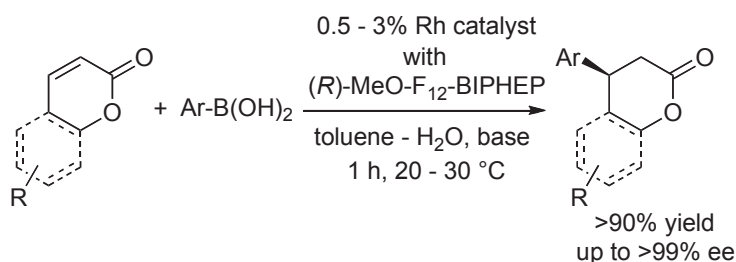
Takanori Suzuki,* Yasuyo Yoshimoto, Kazuhisa Wada, Takashi Takeda, Hidetoshi Kawai, and Kenshu Fujiwara



Strained Molecule Carbocation Redox System Electrochromism Helicity

157 Highly Active Rhodium Catalyst with Electron-Poor Diphosphine Enables Efficient Synthesis of Chiral 4-Aryl-δ-lactones

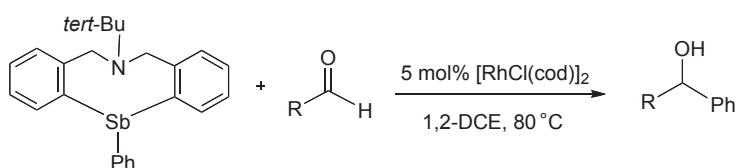
Toshinobu Korenaga,* Ryota Maenishi, Kazutaka Osaki, and Takashi Sakai*



Chiral Lactone Rhodium Catalyst Electron-Poor Ligand Asymmetric 1,4-Addition Boronic Acid

163 Rhodium-Catalyzed 1,2-Addition of Sb-Phenyl-1,5-azastibocines to Functionalized Aldehydes

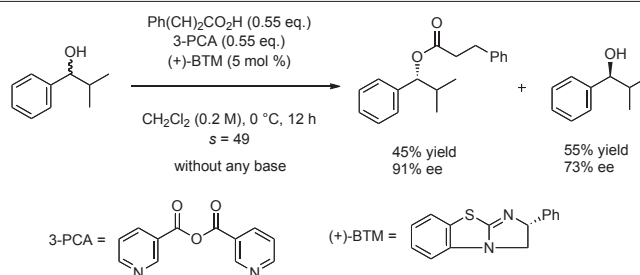
Naoki Kakusawa, Shuji Yasuike, and Jyoji Kurita*



1,5-Azastibocine 1,2-Addition Rhodium Catalyst Functionalized Aldehyde Aerobic Reaction

169 An Effective Kinetic Resolution of Racemic Secondary Benzylic Alcohols Using 3-Pyridinecarboxylic Anhydride and a Chiral Acyl-Transfer Catalyst in the Absence of Tertiary Amine

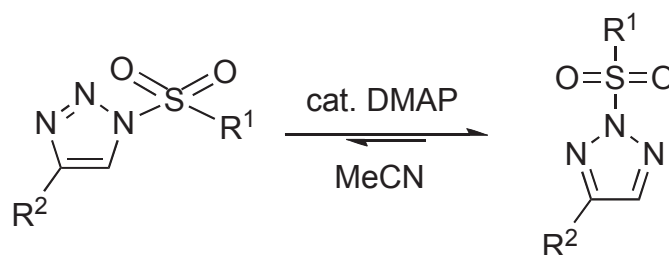
Kenya Nakata and Isamu Shiina*



3-Pyridinecarboxylic Anhydride 3-PCA Asymmetric Esterification Kinetic Resolution BTM

177 Preparation of 2-Sulfonyl-1,2,3-triazoles by Base-Promoted 1,2-Rearrangement of a Sulfonyl Group

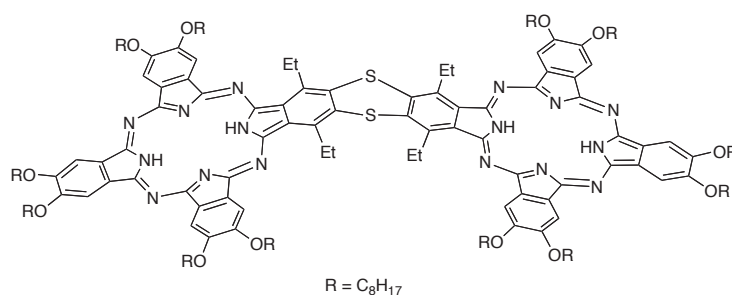
Motoshi Yamauchi, Tomoya Miura, and Masahiro Murakami*



1,2,3-Triazole Sulfonyl Group Regioselective Reaction Rearrangement Base-Promoted Reaction

183 Photolytic Preparation of Tetrabromothianthrene and Its Transformation to Dinuclear Phthalocyanines

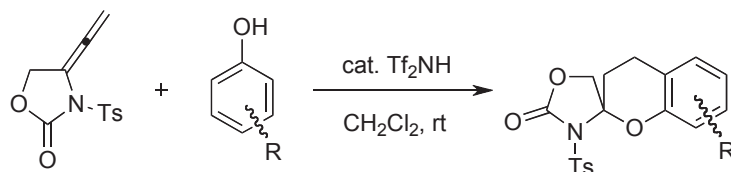
Takeshi Kimura,* Takeru Obonai, Takayuki Nozaki, Kenji Matsui, Toshiharu Namauo, Akio Yamakawa, and Yutaka Takaguchi



Phthalocyanine Photolysis Thianthrene Benzotrithiole UV-Vis Spectra

187 Synthesis of Functionalized Chromanes *via* a Formal [3+3] Cycloaddition of Allene Sulfonamides to Phenols

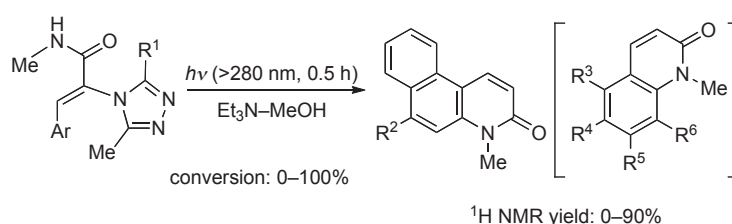
Ken Hashimoto, Yoshikazu Horino,* and Shigeyasu Kuroda*



Chromane [3 + 3] Cycloaddition Reaction Allene Sulfonamide Brønsted Acid Phenol

199 Substituent Effects on the Electron Transfer-Initiated Photochemical Transformation of 1,2,4-Triazole-Substituted α -Dehydroarylaninamides into 2(1*H*)-Quinolinone Derivatives

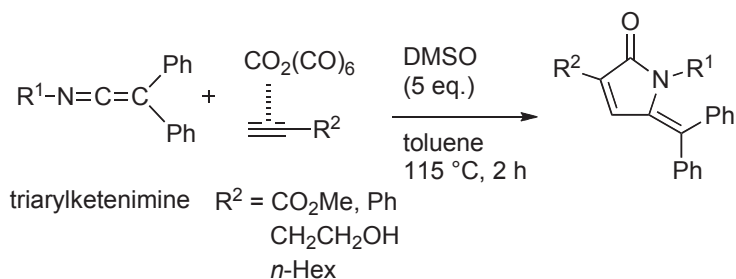
Yuichi Yazawa, Minoru Suzuki, Tetsutaro Igarashi, and Tadimitsu Sakurai*


 R¹= Me, Ph; R²= OMe, Me, H, F; R³= H, OMe
 R⁴= OMe, H, Cl, CN; R⁵= H, Cl; R⁶= OMe, H

 Triazole α -Dehydroamino Acid Electron Transfer Photocyclization Quinolinone

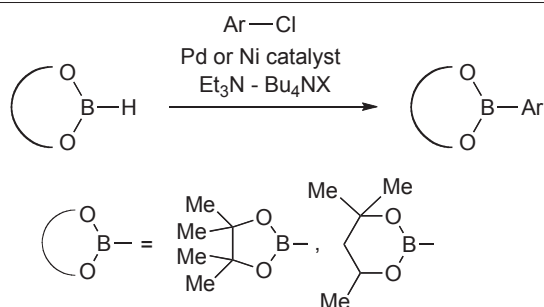
207 A Hetero Pauson-Khand Reaction of Ketenimines: A New Synthetic Method for γ -Exomethylene- α,β -unsaturated γ -Lactams

Takao Saito,* Katsuya Sugizaki, Hiroyuki Osada, Noriki Kutsumura, and Takashi Otani

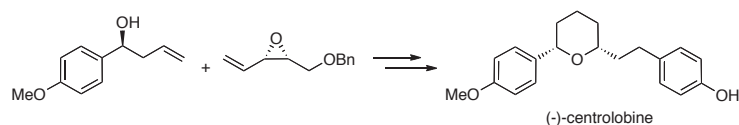

 Cycloaddition Heterocumulene Pauson-Khand Reaction Ketenimine Pyrrolinone γ -Lactam

213 Palladium- or Nickel-Catalyzed Coupling Reaction of Dialkoxyboranes with Chloroarenes: Arylation of 1,3,2-Dioxaborolanes or 1,3,2-Dioxaborinanes

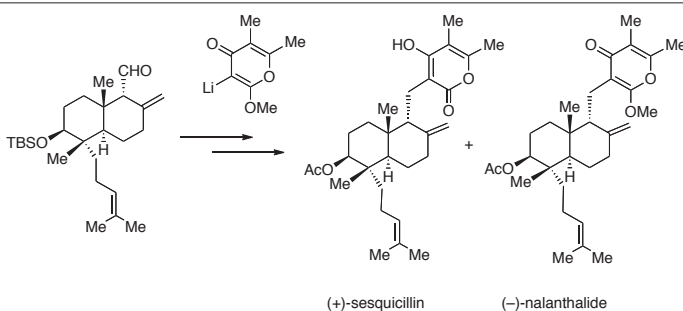
Miki Murata,* Tomoko Sambommatsu, Takeshi Oda, Shinji Watanabe, and Yuzuru Masuda


■ PAPERS
219 Stereoselective Formal Total Synthesis of Novel Antibiotic (-)-Centrolobine

Debendra K. Mohapatra,* Rita Pal, Hasibur Rahaman, and Mukund K. Gurjar

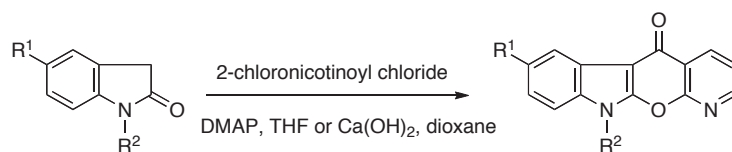

229 Enantioselective Total Synthesis of Novel Diterpenoid Prones (+)-Sesquicillin and (-)-Nalanthalide from Fungal Fermentations

Takamasa Oguchi, Kazuhiro Watanabe, Hideki Abe, and Tadashi Kato*



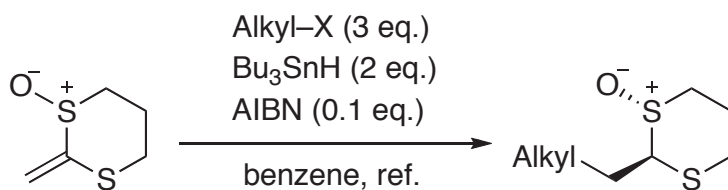
251 Synthesis of 4-Azachromeno[2,3-*b*]indol-11(6*H*)-one and Its Derivatives as Analogues of Ellipticine

Yanhong Chen, Chunhao Yang,* and Yuyuan Xie*


 Azachromeno[2,3-*b*]indol-11(6*H*)-one Ellipticine Indolin-2-one Antitumor Cyclization

259 Tin-Hydride-Mediated Radical Addition of Alkyl Halides to 2-Methylene-1,3-dithiane Monoxide as a Ketene Equivalent

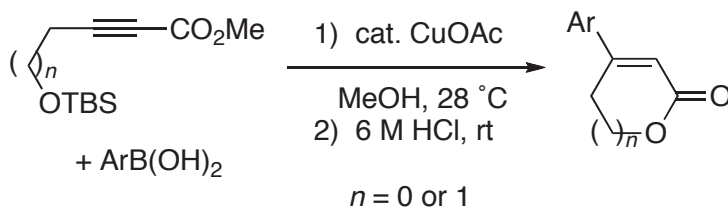
Suguru Yoshida, Hideki Yorimitsu,* and Koichiro Oshima*



Radical Reaction Addition Reaction Ketene Equivalent 2-Methylene-1,3-dithiane 1-Oxide Sulfur

269 Synthesis of 4-Aryl-Substituted Butenolides and Pentenolides by Copper-Catalyzed Hydroarylation

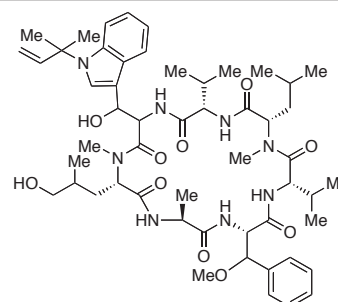
Yoshihiko Yamamoto* and Naohiro Kirai



Copper Catalyst Arylboronic Acid Alkynoate Hydroarylation Unsaturated Lactone

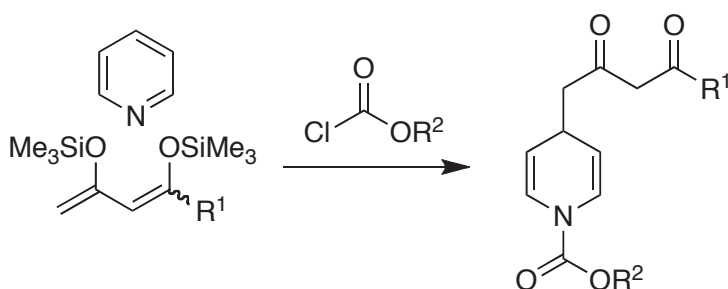
281 M10709, a New Cyclic Peptide Antibiotic from Clinically Isolated *Streptomyces* sp.

Takuya Kumamoto, Hiroyuki Koshino, Daisuke Watanabe, Yuko Matsumoto, Kazuki Aoyama, Ken-ichi Harada, Tsutomu Ishikawa, and Yuzuru Mikami*


 M10709 *Streptomyces* species Clinical Isolate Cyclic Peptide Antibacterial

289 Regioselective Synthesis of 2,4-(Dioxobutyl)-dihydroquinolines and -pyridines by Chloroformate-Mediated Reaction of 1,3-Bis(Silyl Enol Ethers) with Quinolines and Pyridines

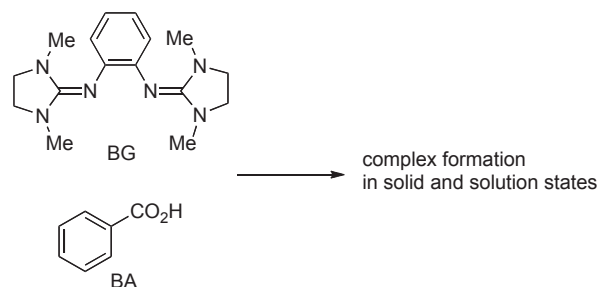
Uwe Albrecht, Anja Preuss, Andreas Schmidt, Christine Fischer, and Peter Langer*



Quinoline Pyridine Silyl Enol Ether Iminium Salt Regioselectivity

303 Characterization of Various *O*-Bisguanidinobenzene-Benzoic Acid Complexes in Solid and in Solution States

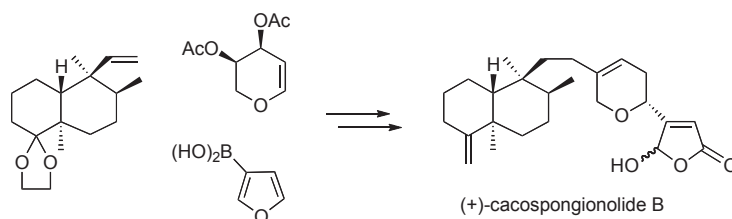
Takuya Kumamoto, Kazuaki Shikii, Masatoshi Kawahata, Kentaro Yamaguchi, Waka Nakanishi, Tsutomu Ishikawa, and Hiroko Seki*



Bisguanidinobenzene Cluster Formation Solution Structure NMR Spectrometry Diffusion Coefficient

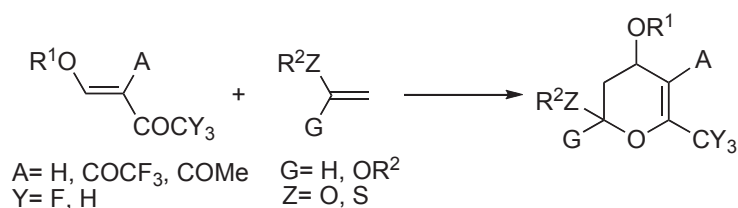
313 Total Synthesis of (+)-Cacospongionolide B

Motoko Oshida, Misaki Ono, Atsuo Nakazaki, and Susumu Kobayashi*


 Total Synthesis (+)-Cacospongionolide B C-Glycosidation β -Alkyl Suzuki-Miyaura Coupling NF- κ B Inhibition

329 Hetero Diels-Alder Reaction of β -Trifluoroacetylated Vinyl Ethers with Vinyl Ethers to Access Fluorine-Containing Dihydropyran Derivatives — A Molecular Orbital Calculation Study

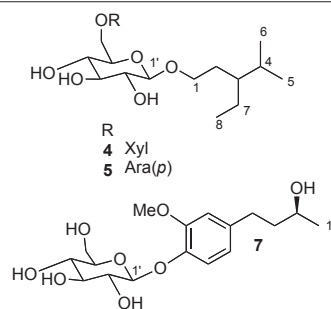
Norio Ota, Yasuhiro Kamitori,* Dai Shibata, and Etsuji Okada*



Fluorine-Containing Dihydropyran Vinyl Ether Hetero Diels-Alder Reaction Trifluoroacetyl Group Molecular Orbital Calculation

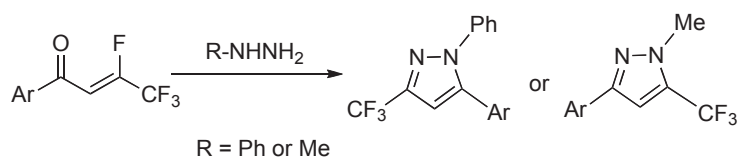
339 Bumaldosides A, B and C from the Leaves of *Staphylea bumalda*

Hideaki Otsuka,* Qian Yu, and Katsuyoshi Matsunami


Staphylea bumalda Staphyleaceae Aliphatic Glycoside Phenolic Glucoside Bumaldoside

349 Regioselective Synthesis of Trifluoromethyl Group Substituted Pyrazole Derivatives from 1-Aryl-3,4,4,4-tetrafluoro-2-buten-1-ones

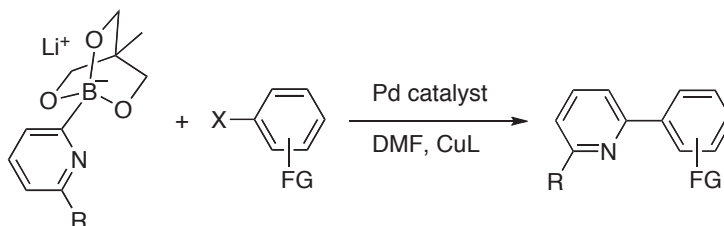
Keisuke Sano and Shoji Hara*



Trifluoromethylpyrazole 3,4,4,4-Tetrafluoro-2-buten-1-one Regioselective Reaction Celecoxib Hydrazine

359 Palladium-Catalyzed Cross-Coupling Reaction of Heteroaryltriolborates with Aryl Halides for Synthesis of Biaryls

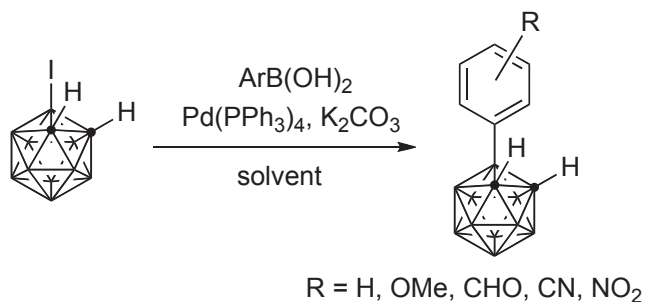
Yasunori Yamamoto,* Miho Takizawa, Xiao-Qiang Yu, and Norio Miyaura*



Cross-Coupling Reaction Organoboron Compound Heteroaryltriolborate Ate Complex Biaryl

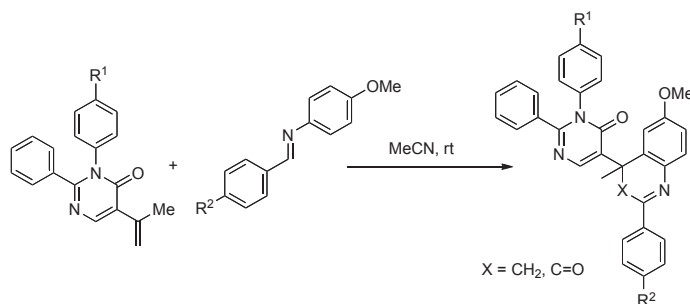
369 Synthesis of 3-Aryl-1,2-dicarba-*closa*-dodecaboranes by Suzuki-Miyaura Coupling Reaction

Koei Aizawa, Kiminori Ohta, and Yasuyuki Endo*


 Suzuki-Miyaura Coupling Reaction Carborane 3-Iodo-*o*-carborane 3-Aryl-*o*-carborane Boronic Acid

379 Chemo- and Regioselective Imino Diels-Alder Reactions: Synthesis of Functionalized Novel Quinolin-3-one and Quinoline Derivatives

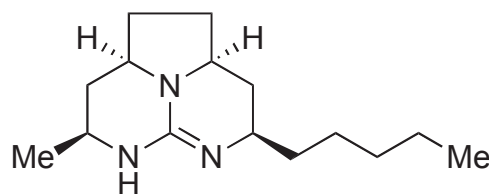
Chander Mohan, Gaurav Bhargava, and Mohinder P. Mahajan*



Imino Diels-Alder Reaction Triflate Lewis Acid Catalyst Quinolone Substituted Pyrimidinone Isopropenylpyrimidinone Oxidation

395 Synthesis of (+)-Batzelladine K

Miyuki Sekine, Yumi Iijima, Osamu Iwamoto, and Kazuo Nagasawa*

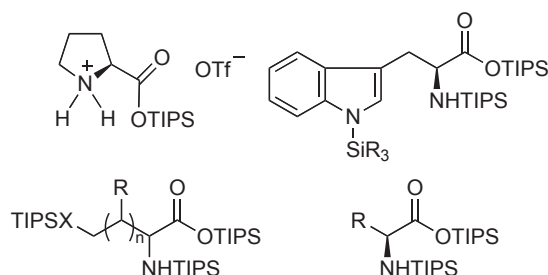


batzelladine K (1)

Batzelladine K Batzelladine F Total Synthesis Guanidine 1,3-Dipolar Cycloaddition

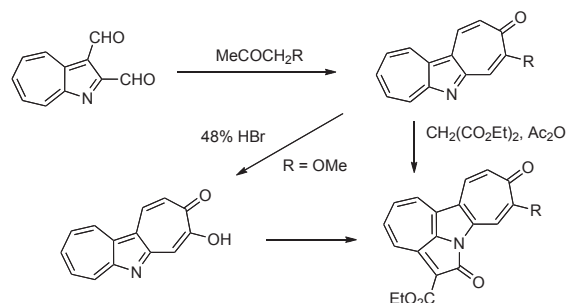
409 Selective Triisopropylsilylation of α -Amino Acids: Protection without Racemization

Buddy Soto-Cairoli, Iveliz Kock, Jorge Justo de Pomar, Guang Yang, José M. Guzmán, Javier R. González, Augie Antomattei, and John A. Soderquist*


 α -Amino Acid *N,O,X*-Triisopropylsilylation Triisopropylsilyl (TIPS) Protection *O*-TIPS Amino Acid Ester Silylated Tryptophane

427 Synthesis and Some Reactions of 11-Azacyclohept[*a*]-azulen-3(3*H*)-ones and Evaluation of Their Cytotoxic Activity against HeLa S3 Cells

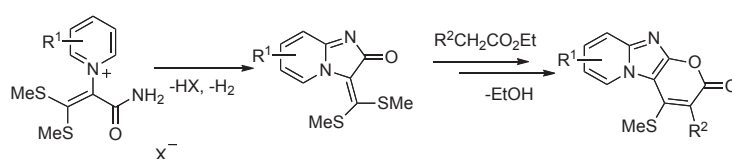
Tomoyuki Ariyoshi, Kengo Yoshinaga, Kazuya Koizumi, Hiroyuki Fujii, Reiko Ikeda, Takeo Konakahara, and Noritaka Abe*



Fused 1-Azaazulene 2,3-Diformyl-1-azaazulene Cytotoxic Activity Condensation Tandem Addition - Cyclization Reaction

439 A New Approach to Imidazo[1,2-*a*]pyridine Derivatives and Their Application to the Syntheses of Novel 2*H*-Pyrano[2',3':4,5]imidazo[1,2-*a*]pyridin-2-one Derivatives

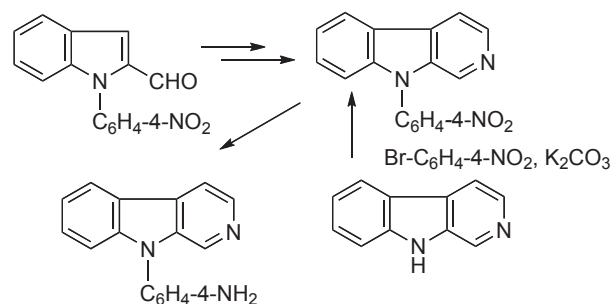
Takashi Abe, Yukihiisa Okumura, Hiroyuki Suga, and Akikazu Kakehi*



Cyclization Synthesis 3-Methylene-2(3*H*)-imidazo[1,2-*a*]pyridinone 3-Vinylimidazo[1,2-*a*]pyridin-2-ol Pyrano[2',3':4,5]imidazo[1,2-*a*]pyridine

455 Chemical Confirmation of the Structure of a Mutagenic Aminophenylnorharman, 9-(4'-Aminophenyl)-9*H*-pyrido[3,4-*b*]indole: An Authentic Synthesis of 9-(4'-Nitrophenyl)-9*H*-pyrido[3,4-*b*]indole as Its Relay Compound

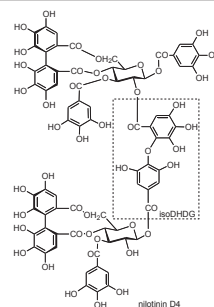
Yasuoki Murakami,* Nobuyuki Imai, Tsuyoshi Miura, Takashi Sugimura, Keiji Wakabayashi, Yukari Totsuka, Noriyasu Hada, Yuusaku Yokoyama, Hideharu Suzuki, and Katsuyoshi Mitsunaga



Synthesis Cyclization Indole Nucleus Norharman 9*H*-Pyrido[3,4-*b*]indole

463 New Monomeric and Dimeric Hydrolyzable Tannins from *Tamarix nilotica*

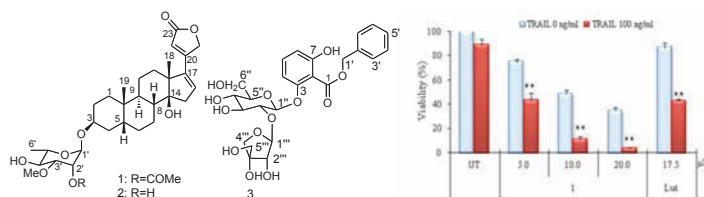
Mohamed A. A. Orabi, Shoko Taniguchi, Morio Yoshimura, Takashi Yoshida, and Tsutomu Hatano*



Tamarix nilotica Tamaricaceae Nilotinin Ellagitannin Hydrolyzable Tannin

477 Glycosides from *Vallis solanaceae* with TRAIL-Resistance-Overcoming Activity

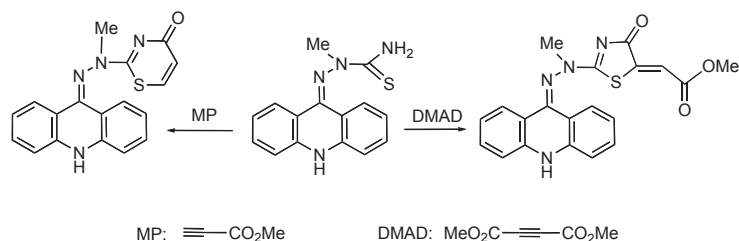
Firoj Ahmed, Samir Kumar Sadhu, Takashi Ohtsuki, Amina Khatun, and Masami Ishibashi*



Glycoside *Vallis solanaceae* Cytotoxicity TRAIL

489 Selective Formation of 5- or 6-Membered Rings, 1,3-Thiazolidin-4-one vs. 1,3-Thiazin-4-one, from Acridine Thiosemicarbazides by the Use of Ethyne Acid Esters

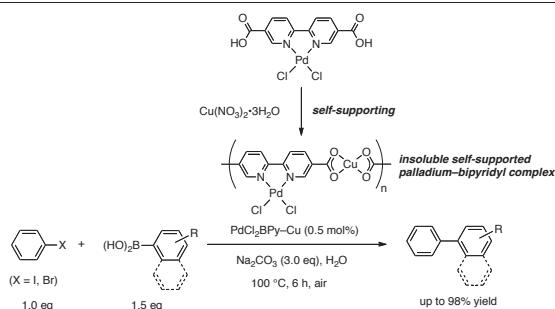
Ján Imrich,* Jana Tomaščíková, Ivan Danihel, Pavol Kristian, Stanislav Böhm, and Karel D. Klika



Acridine Thiosemicarbazide Thiazolidinone 1,3-Thiazine Crystallography

505 A Self-Supported Palladium-Bipyridyl Catalyst for the Suzuki-Miyaura Coupling in Water

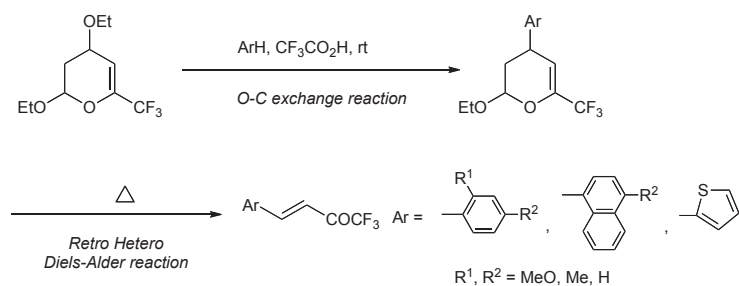
Takao Osako and Yasuhiro Uozumi*



Suzuki-Miyaura Reaction Self-Supported Catalyst Palladium Copper Bipyridyl

515 A Facile Synthesis of 4-Aryl-1,1,1-trifluorobut-3-en-2-ones via 4-Aryl Substituted CF_3 -Containing Dihydropyran Derivatives: A Versatile Method for the Introduction of Fluorine-Containing C_4 - and C_6 -Unit to Aromatic Compounds

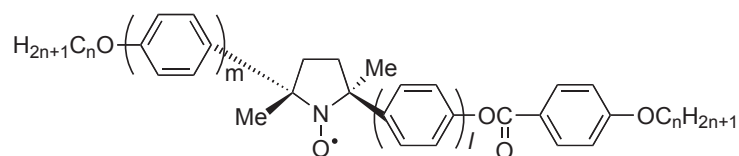
Norio Ota, Etsuji Okada,* Dai Shibata, Satoru Adachi, and Shohei Saikawa



Dihydropyran Retro Hetero Diels-Alder Reaction Trifluoroacetylvinylation 4-Trifluoroacetyl-1,3-butadienylation Electrocyclic Ring-Opening

527 Preparation and Ferroelectric Properties of New Chiral Liquid Crystalline Organic Radical Compounds

Naohiko Ikuma, Katsuaki Suzuki, Yoshiaki Uchida, Rui Tamura,* Yoshio Aoki, and Hiroyuki Nohira



Chiral Nitroxide Radical Ferroelectric Liquid Crystal PROXYL Paramagnetic Liquid Crystal

537 C–C Bond Formation on 5-Position of Uridine Ring by Morita–Baylis–Hillman Type Reaction

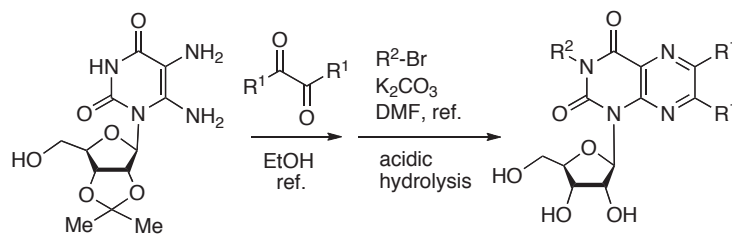
Yasunari Monguchi, Kanoko Yasunaga, Takashi Tsunoda, Takayuki Ando, Tomohiro Maegawa, Kosaku Hirota, and Hironao Sajiki*



Morita–Baylis–Hillman Type Reaction C–C Bond Formation Uridine Base Catalyzed Reaction Aldehyde

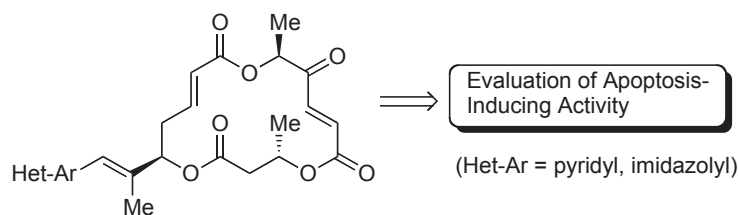
557 Novel and Facile Synthesis and Evaluation of Antitumor Activities of 6,7-Bisaryl-1-(β -D-ribofuranosyl)pteridine-2,4(1*H*,3*H*)-diones

Rafiya Khan Kandahary, Abugafar M. L. Hossion, Noriyuki Ashida, and Tomohisa Nagamatsu*


 Pteridine Nucleoside Diaminouridine α,β -Diketone Alkylation Antitumor Activity

579 Synthesis of Macrosphelides Containing a Heterocyclic Side Chain as a Novel Apoptosis Inducer

Yuji Matsuya,* Ayana Hori, Tomomi Kawamura, Heba F. Emam, Kanwal Ahmed, Da-Yong Yu, Takashi Kondo, Naoki Toyooka, and Hideo Nemoto



Macrosphelide Ring-Closing Metathesis Pyridyl Side-Chain Macrolide Apoptosis

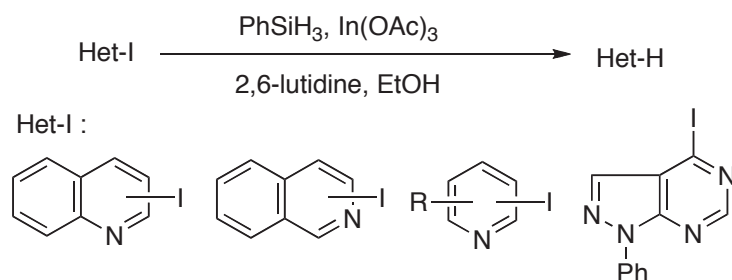
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593 Nickel – Promoted Favorskii Type Rearrangement of Cyclic α -Bromoketones

Vishnu K. Tandon,* Anoop K. Awasthi, Kunwar A. Singh, Hardesh K. Maurya, and Sanjay K. Gautam


 Favorskii Rearrangement NiCl_2 Cyclic α -Bromoketone Benzopyran Benzoxepine

601 The Selective Deiodination of Iodoheterocycles Using the PhSiH_3 – $\text{In}(\text{OAc})_3$ System

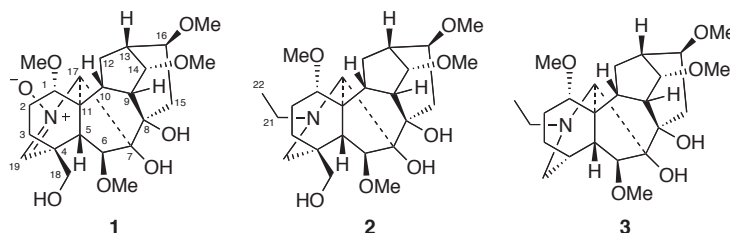
Osamu Sugimoto,* Minami Sugiyama, and Ken-ichi Tanji*



Dehalogenation Phenylsilane Indium Acetate Iodoheterocycle Reduction

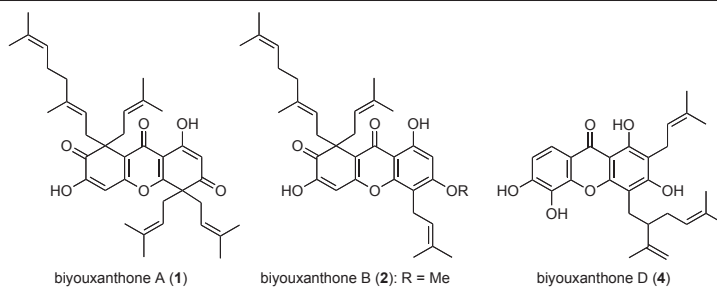
607 A New Diterpenoid Alkaloid, Sharwuphinine A from *Delphinium sharwurensense*

Chen Li, Yusuke Hirasawa, Hiroko Arai, Haji Akber Aisa,* and Hiroshi Morita*


 Sharwuphinine A Diterpenoid Alkaloid *Delphinium sharwurensense* Vasorelaxant Activity

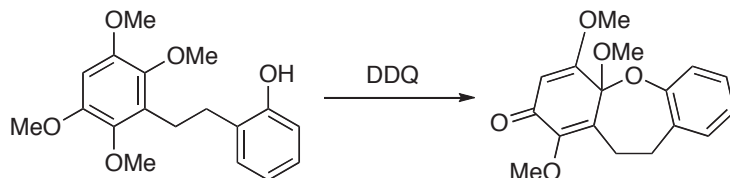
613 Biyouxanthones A - D, Prenylated Xanthones from Roots of *Hypericum chinense*

Naonobu Tanaka, Takuji Mamemura, Shuhei Abe, Kiyoshi Imabayashi, Yoshiki Kashiwada, Yoshihisa Takaishi, Tetsuro Suzuki, Yutaka Takebe, Takaaki Kubota, and Jun'ichi Kobayashi*


Hypericum chinense Prenylated Xanthone Antiviral Activity Hepatitis C Virus Clusiaceae

623 A Synthetic Study on Bauhinoxepin J: Construction of a Dibenzo[*b,f*]oxepin Ring System by a DDQ-Promoted Oxidative Dearomatization–Cyclization Approach

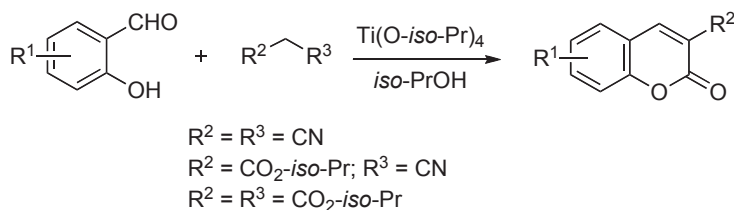
Masahiro Yoshida,* Yohei Maeyama, and Kozo Shishido



Oxidative Reaction Dearomatization Cyclization Oxepin Quinone

631 Titanium Tetraisopropoxide Promoted Reactions for the Synthesis of Substituted Coumarins

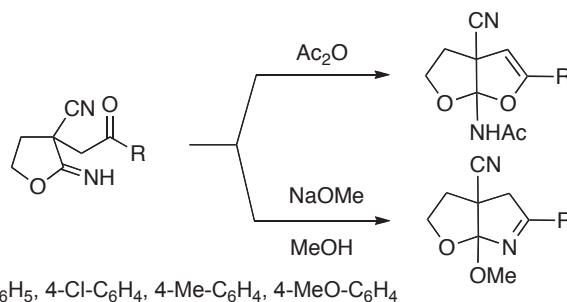
Takanori Tanaka, Kohei Yamashita, and Masahiko Hayashi*



Titanium Tetraisopropoxide Coumarin Salicylaldehyde Malononitrile Malonate

637 A Simple Approach to the Synthesis of Furofurans and Furopyroles Using 3-Phenacylated Tetrahydro-2-imino-3-furancarbonitriles

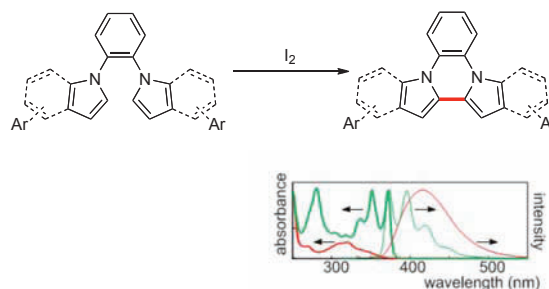
Hiroshi Maruoka,* Fumi Okabe, Eiichi Masumoto, Toshihiro Fujioka, and Kenji Yamagata



Furofuran Furopyrole Phenacylation Cyclization Heterobicycle

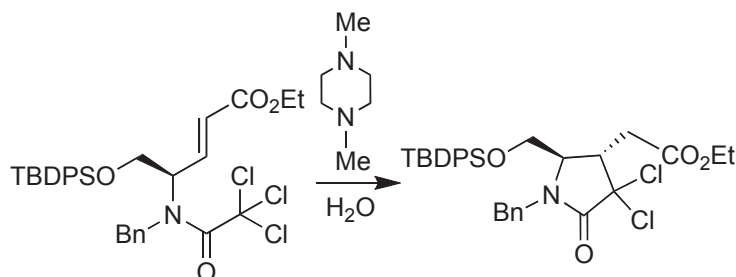
645 Novel Formation of Dipyrrolo- and Diindolo[1,2-*a*:2',1'-*c*]-quinoxaline Derivatives and Their Optical Properties

Shoji Matsumoto,* Sheng Qu, Takamitsu Kobayashi, Masahiro Kanehiro, Motohiro Akazome, and Katsuyuki Ogura


 Dipyrrolo[1,2-*a*:2',1'-*c*]quinoxaline Diindolo[1,2-*a*:2',1'-*c*]quinoxaline Iodine-Induced Reaction UV-VIS Spectrum Fluorescence Spectrum

657 Water in Amine-Mediated Single Electron Transfer Reaction of *N*-Allylic Trichloroacetamides

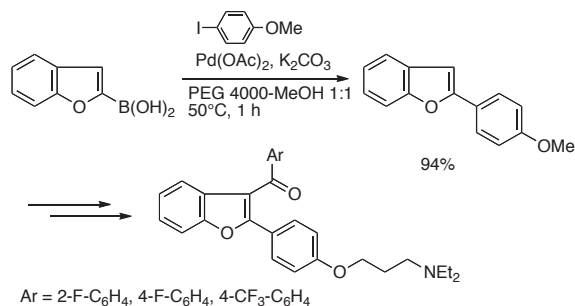
Tsuyoshi Taniguchi, Masamichi Sasaki, and Hiroyuki Ishibashi*



1,4-Dimethylpiperazine Radical Cyclization Single Electron Transfer Water

663 Synthesis of Fluorinated 2,3-Disubstituted Benzofurans Potential β -Amyloid Aggregation Inhibitors

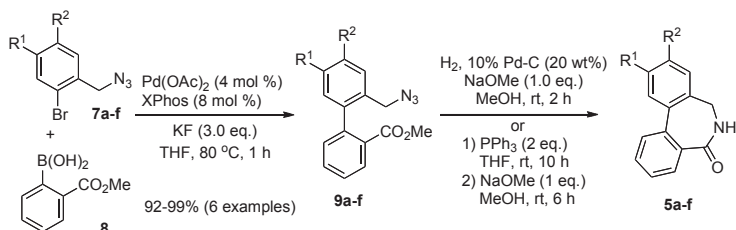
Marek Zaidlewicz,* Tomasz Kosmalski, Tathagata Sengupta, Kochupurackal P. Mohanakumar, and Krzysztof Staszak



Suzuki Reaction Fluorinated Amino Ketone Fluoroaryl Benzofuryl Ketone

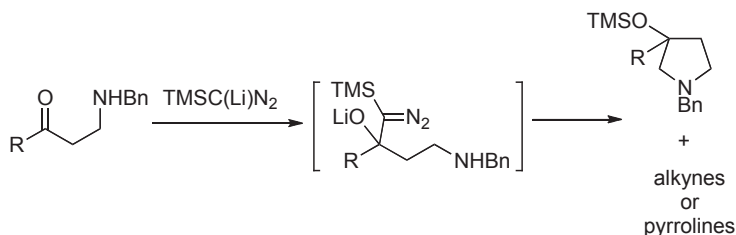
669 A Concise Synthesis of 6,7-Dihydro-5*H*-dibenz[*c,e*]azepin-5-one

Young-Hyoung Goh, Guncheol Kim, Bum Tae Kim, and Jung-Nyoung Heo*


 Suzuki-Miyaura Coupling Reaction Dibenz[*c,e*]azepin-5-one Staudinger Reaction 7-Membered Lactam Palladium

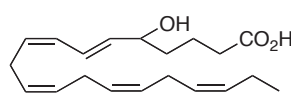
679 Synthesis of 3-Substituted 3-(Trimethylsiloxy)-pyrrolidines from β -Aminoketones and Lithium Trimethylsilyldiazomethane

Yoshiyuki Hari, Takuya Yokoyama, and Toyohiko Aoyama*

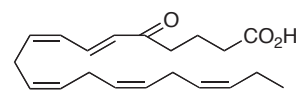

 β -Aminoketone 3-Hydroxypyrrolidine Lithium Trimethylsilyldiazomethane Pyrrolidine Trimethylsilyldiazomethane

689 **Synthesis of Oxidized Fatty Acid Derivatives *via* an Iodolactonization Reaction**

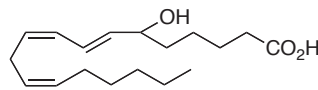
Toshimasa Itoh, Nobuko Yoshimoto, and Keiko Yamamoto*



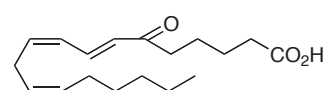
5-HEPA



5-oxoEPA



6-HOTE



6-oxoOTE

Eicosapentaenoic Acid

Octadecatrienoic Acid

γ -Linolenic Acid

PPAR

Diabetes

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