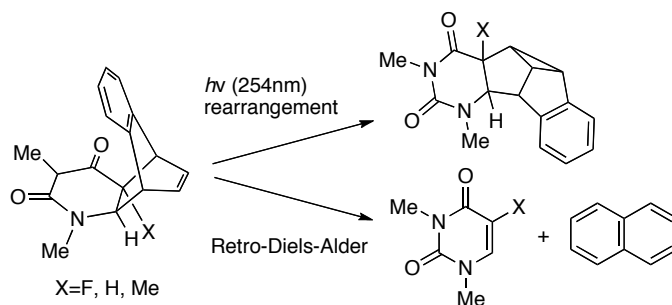


■ COMMUNICATIONS

2583 Photochemical Synthesis of Benzopyrimido-semibullvalenes from Benzopyrimidobarrelenes

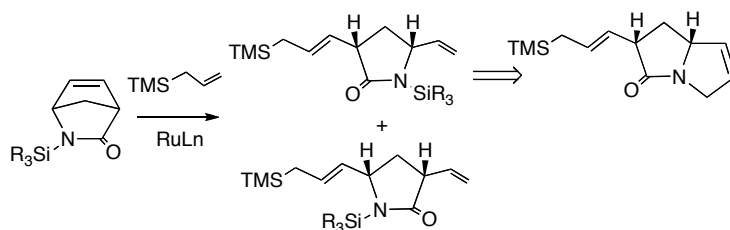
Koh-ichi Seki, Ken-ichi Nishijima, Tetsuya Ishihara, Mikiko Kudo, and Kazue Ohkura*



Photorearrangement Mode Selective Photocycloaddition 1,3-Dimethyluracil Naphthalene

2587 A Ring-opening Cross-metathesis Reaction of *M*-Trialkylsilyl 2-Azabicyclo[2.2.1]hept-5-en-3-one with Allyltrimethylsilane

Kazuo Yanada, Miyako Hasunuma, and Minoru Ishikura*

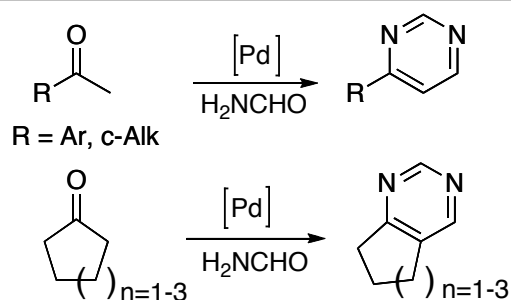


Pyrrolidine Pyrrolizine Metathesis Regioselectivity ABH

■ PAPERS

2593 Palladium-catalysed Synthesis of Pyrimidines

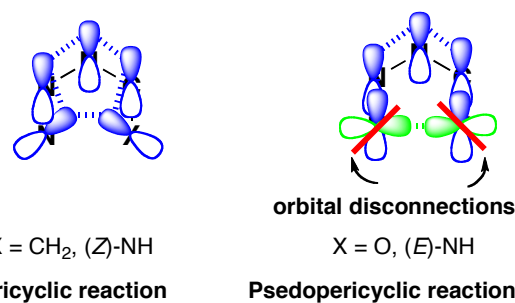
Irene Helland, Truls Ingebrigtsen, and Tore Lejon*



Pyrimidine Palladium Catalysis

2605 Natural Bond Orbital Analysis of Pericyclic and Pseudopericyclic 1,5-Electrocyclizations of Conjugated Azides

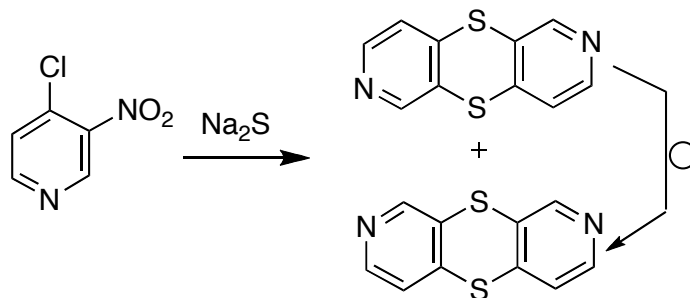
Hideo Iwahashi and Kazuaki Fukushima*



Pericyclic and Pseudopericyclic 1,5-Electrocyclizations Conjugated Azide Density Functional Theory Natural Bond Orbital

2619 Synthesis and Structure of Dipyrido-1,4-dithiins

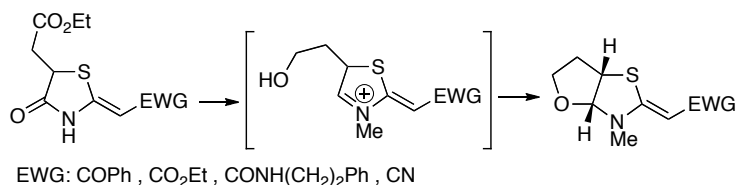
Céline Besnard, Theo Siegrist, Christian Kloc, Marc Schiltz, Mirosława Grymel, Kinga Suwinska, Beata Morak, and Krystian Pluta*



Dipyridodithiin Dithiinodipyridine Pyridinyl Sulfide Ring Opening Smiles Rearrangement

2635 Stereocontrolled Synthesis of New Tetrahydrofuro-[2,3-*d*]thiazole Derivatives *via* Activated Vinyllogous Iminium Ions

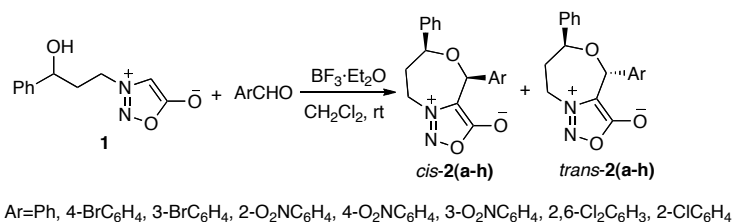
Milovan Stojanovic, Erich Kleinpeter, Peter Steel, Marija Baranac, and Rade Markovic*



Thiazolidine Reduction Vinyllogous *N*-Iminium Ion Heterocyclization

2649 Synthesis of 4,6-Diaryl-4,6,7,8-tetrahydro[1,4]-oxazepino[4,3-*c*]sydnone

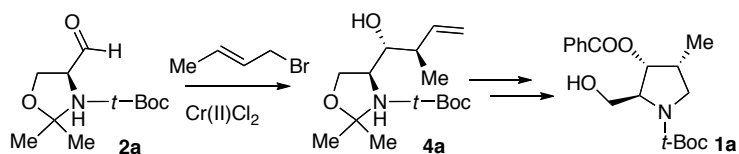
Xinfang Duan and Zhanbin Zhang*



Aldehyde Sydnone Oxa-Pictet-Spengler Reaction *cis*- and *trans*-Isomers

2657 Asymmetric Synthesis of (2*R*,3*R*,4*R*)-3-Hydroxy-4-methylproline *via* Chromium(II) Chloride-mediated Coupling Reactions of (*S*)-Garner Aldehyde with Crotyl Bromide

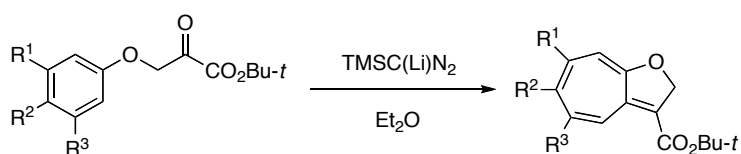
Koichi Takeya, Akihiro Ohta, Aki Ogawa, Asako Kuroda, Mina Tamura, Satoshi Yoshida, Yukiko Hiraiwa, Haruko Inaba, and Yutaka Aoyagi*



Asymmetric Synthesis Garner Aldehyde Crotyl Bromide Chromium(II) Chloride (2*R*,3*R*,4*R*)-3-Hydroxy-4-methylproline

2667 New Synthesis of *t*-Butyl 1,2-Dihydro-1-oxaazulene-3-carboxylates Using Lithium Trimethylsilyldiazomethane

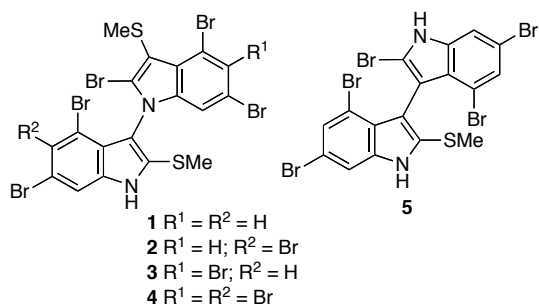
Yoshiyuki Hari, Susumu Tsuchida, and Toyohiko Aoyama*



Alkylidenecarbene Lithium Trimethylsilyldiazomethane Oxaazulene Ring Expansion Trimethylsilyldiazomethane

2675 Five New Sulfur-containing Polybrominated Bisindoles from the Red Alga *Laurencia brongiartii*

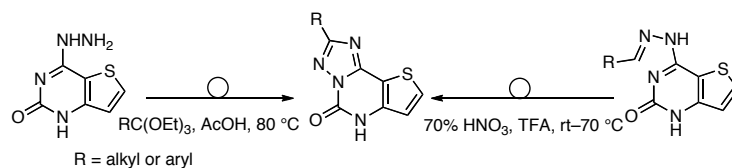
Yoshimasa Fukazawa, Hajime Iwamoto, Natsuki K. Kubota, and Yasuto Uchio*



Natural Product Structure Determination Polybrominated Bisindole Red Alga anti-MRSA

2683 The First and Reliable Synthesis of Thieno[2,3-*e*][1,2,4]-triazolo[1,5-*c*]pyrimidin-5(6*H*)-ones via Their [4,3-*c*] Compounds by Dimroth Rearrangement

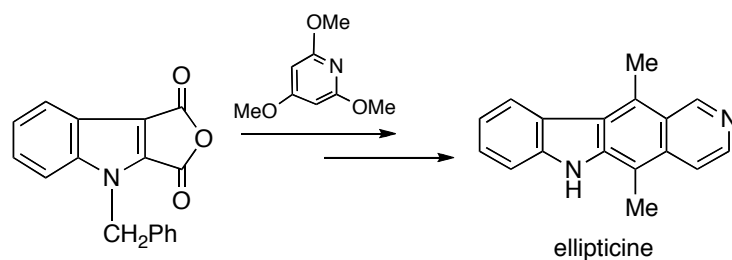
Shoeb Ahmed and Tomohisa Nagamatsu*



Thienotriazolopyrimidine Isomerization Oxidative Cyclization XO Inhibitor

2693 Synthesis of 3-Methoxyellipticine and Ellipticine by Friedel-Crafts Reaction of Indole-2,3-dicarboxylic Anhydride and Selective Demethylation

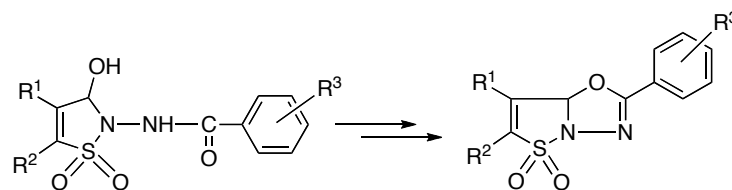
Hajime Hibino, Misako Umemoto, Yasuhiko Tsuzaki, Yoshiyuki Aoki, and Yasuyoshi Miki*



Indole Friedel-Crafts Reaction Selective Demethylation Heck Reaction Ellipticine

2705 Isothiazolo[3,2-*b*]-1,3,4-oxadiazole-5,5-dioxide: Synthesis of a New Heteropentalene System

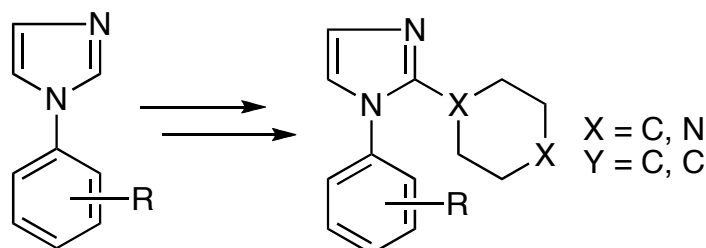
Jens Hunger, Lothar Hennig, Arne Kolberg, Stephan Schmidt, and Bärbel Schulze*



Heteropentalene Isothiazole Oxidation 1,5-Electrocyclization Azomethin-imine

2721 Synthesis of 1,2-Disubstituted Imidazoles via Cross-Coupling and Substitution Reactions

Ingo Langhammer and Thomas Erker*

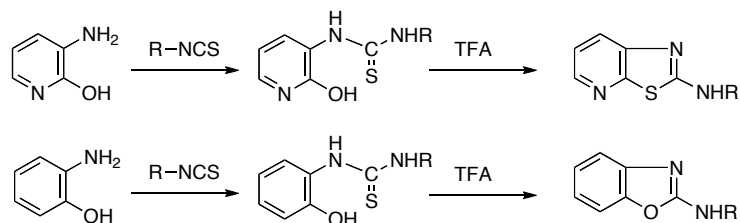


Lithiation 1,2-Disubstituted Imidazole Cross-Coupling Reaction Selective Chlorination Suzuki Reaction

■ NOTES

2729 A Facile Synthesis of 2-Aminothiazolo[5,4-*b*]pyridines and 2-Aminobenzoxazoles via Cyclization of Thioureas

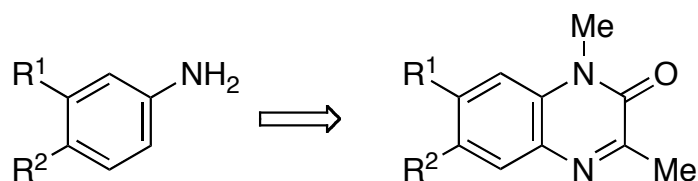
Hea-Young Park Choo, Gyoonee Han, Sang Wong Kim, Hyunmin Song, Ju Hee Yoon, and Hae-Young Park Choo*



Acid Catalysed Cyclization Selectivity 2-Hydroxy-3-aminopyridine 2-Aminophenol

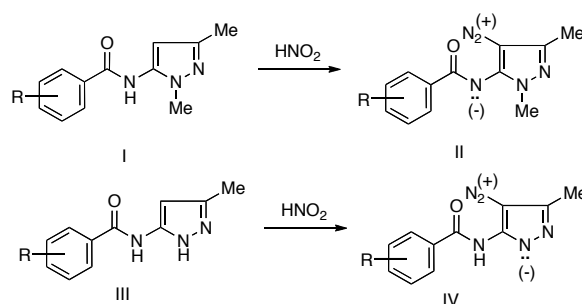
2741 Synthesis of Substituted 1,3-Dimethyl-1*H*-quinoxalin-2-ones from Aniline Derivatives

Wenfang Xu, Jifeng Wu, Donghua Wang, and Xun Li*


 Regioselective Reaction 1,3-Dimethyl-1*H*-quinoxalin-2-one α -Chloropropionyl Chloride Substituted Phenylamine

2753 Comparative Structural Studies of 4-Diazopyrazole Derivatives by X-Ray Diffraction and Theoretical Investigation

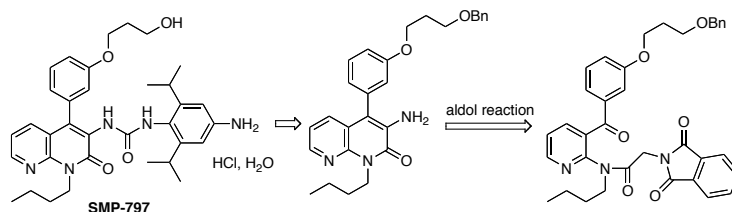
Roberto Artali, Nicoletta Marchini, Gabriella Bombieri, Maria Valeria Raimondi, Benedetta Maggio, and Giuseppe Daidone*



4-Diazopyrazole X-Ray Structure Density Functional Theory (DFT)

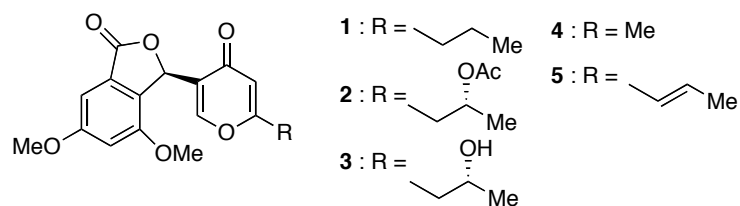
2763 A Practical Synthesis of 1-Alkyl-3-amino-4-aryl-1,8-naphthyridin-2-(1*H*)-one, a Partial Structure of ACAT Inhibitor SMP-797

Naohito Ohashi, Kouji Morisita, Masami Muraoka, and Hitoshi Ban*


 ACAT Inhibitor SMP-797 Intramolecular Aldol Reaction 3-Amino-4-aryl-1,8-naphthyridin-2-(1*H*)-one

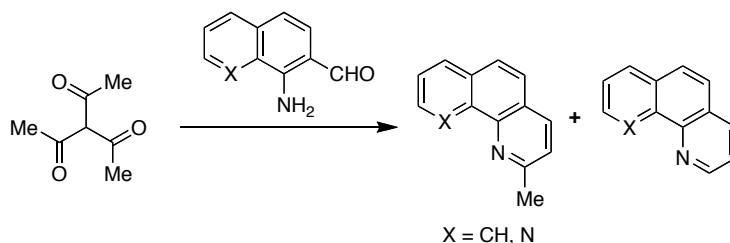
2771 New Vermistatin Derivatives Isolated from *Penicillium simplicissimum*

Kazutaka Fukushima, Takashi Yaguchi, Kohei Nozawa, Takeshi Itabashi, Tomoo Hosoe, Shin-ichirou Komai, and Ken-ichi Kawai*


Penicillium simplicissimum Dihydrovermistatin Acetoxydihydrovermistatin Hydroxydihydrovermistatin Penisimplicissin

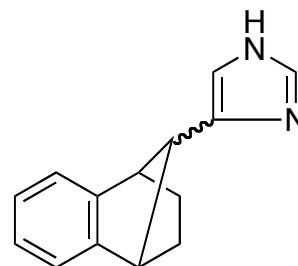
2777 Friedländer Reactions of Triacetylmethane — Unusual Distribution of Products —

Youngjoo Kwon, A. F. M. Motiur Rahman, and Yurngdong Jahng*


 Friedländer Reaction β -Amino- α,β -unsaturated Aldehyde 2-Methylbenzo[*b*]-1,10-phenanthroline 3-Acetyl-2-methylquinoline

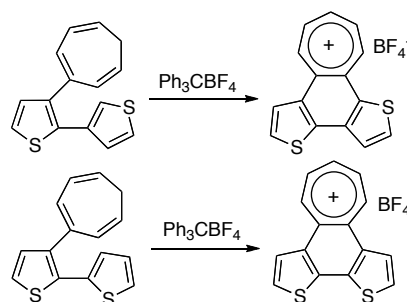
2783 Synthesis of Benzobicyclo[2.2.1]heptylimidazoles as Conformationally Constrained Adrenergic Receptor Antagonists

Arto Karjalainen, Jari Ratilainen, Aki Laine, and Jari Yli-Kauhaluoma*


 Benzene Cycloaddition α_2 -Adrenergic Receptor Atipamezole Bridged Imidazole Derivative

2791 Synthesis of Novel Triphenylene-Type Cations Containing Both Thiophene Rings and a Tropylium Ion Ring. Cyclohepta[*e*]thieno[2,3-*g*]benzodithiophenylum Ion and Cyclohepta[*e*]thieno[3,2-*g*]benzodithiophenylum Ion

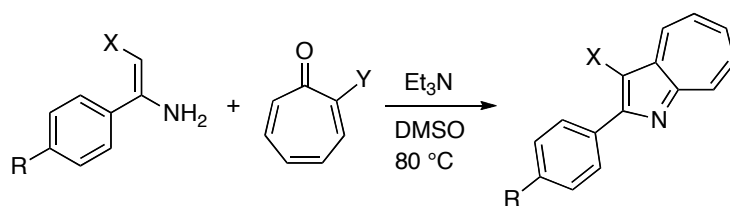
Yasuhiro Sakurai, Teppei Oyanagi, and Kimiaki Yamamura*



Tropylium Ion Polynuclear Thiophene Triphenylene Aromatic Fused Thiophene Aromatic Fused Tropylium Ion

2799 New Approach to the Synthesis of Non-benzenoid Aromatic Compounds, Functionalized 1-Azaazulene Derivatives: Cyclization Reactions of 2-Substituted Tropones with *N*-Silylenamine and Enamine

Noritaka Abe, Nanako Tomizawa, Naoto Hattori, Norio Sakai, and Takeo Konakahara*


 Troponone Enamine *N*-Silylenamine 1-Azaazulene Cyclization

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2809 Polyketides
 - 2810 Aromatics
 - 2818 Terpenes
 - 2837 Steroids
 - 2839 Alkaloids
 - 2843 Miscellaneous
-

■ ANNAOUNCEMENT

- 2845 Book Review
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