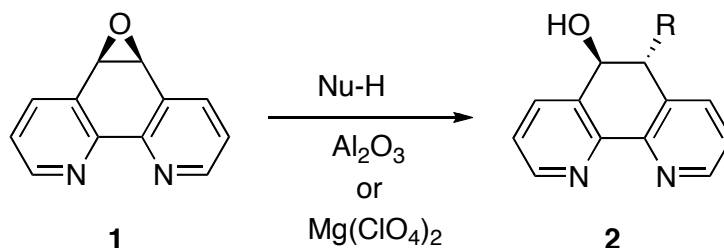


■ COMMUNICATIONS

769 Preparation of Chiral 5,6-*trans*-Disubstituted Phenanthrolines from Phenanthroline-5,6-epoxide

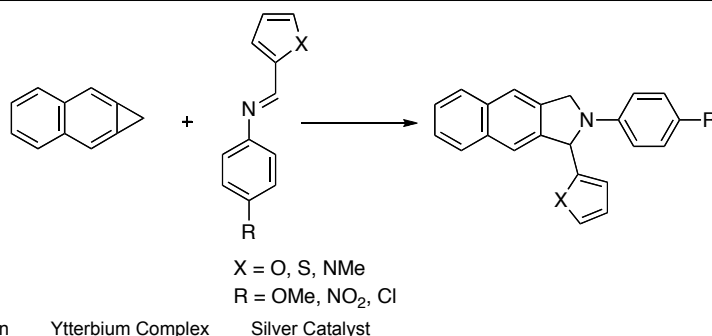
Kristen Mace, Son Duc Tran, and Elke Schöffers*



1,10-Phenanthroline Chiral Ligand Magnesium Perchlorate Alumina

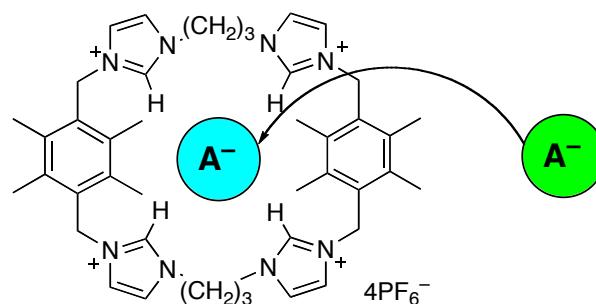
773 [2 π + 2 σ] Type Cycloaddition Reactions of Naphtho[*b*]cyclopropene with Imine or Carbonyl Derivatives Conjugated with Heteroaromatic Ring to Form Naphtho[*b*]dihydropyrroles or Furans

Yoji Kondo, Kotaro Ono, Machiko Fukaya, Masakazu Ohkita, Katsuhiko Ono, and Katsuhiro Saito*


 Naphtho[*b*]cyclopropene Imine Derivative Cycloaddition Reaction Ytterbium Complex Silver Catalyst

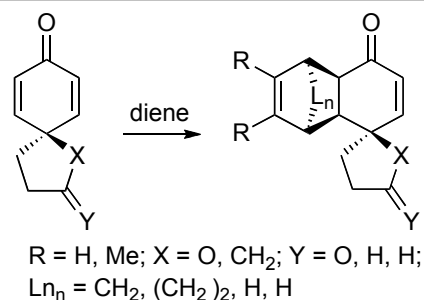
779 Size Selective Recognition of Anions by a Tetracationic Imidazoliophane

Takamichi Yamagishi, Sadao Arai, Tomomi Onitake, and Kiyoshi Sato*


 Anion Recognition Cyclophane Imidazolium C-H ... Anion⁻ Hydrogen Bonding Imidazole

785 π -Facial Selectivity in Diels-Alder Reactions of Cross-conjugated Ketones Bearing an Oxa-spiro-ring with Sterically Undemanding Dienes

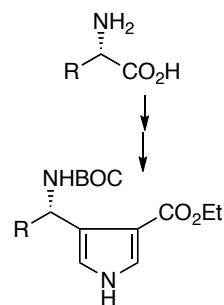
Satoshi Kojima, Yukiko Tamura, Wataru Miyanaga, Ryukichi Takagi, and Katsuo Ohkata*


 Diels-Alder Reaction π -Facial Selectivity Cieplak Model Oxa-spiro-ring Cross-conjugated Ketone

■ PAPERS

791 Synthesis of Chiral 3,4-Disubstituted Pyrroles from L-Amino Acids

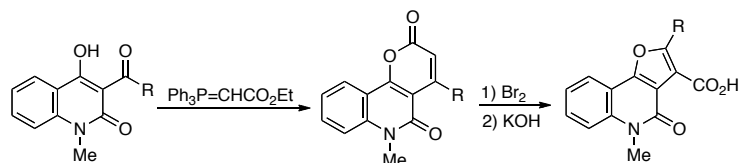
Charles W. Bock, Jocelyn A. Hover, and Krishna L. Bhat*



L-Amino Acid Chiral Heterocycle Intermolecular Cyclization Tosylmethyl Isocyanide Horner-Emmons Olefination

799 A New Synthesis of 4-Alkyl/Aryl-5,6-dihydro-2H-pyrano[3,2-c]quinoline-2,5-diones and Molecular Rearrangement of Their 3-Bromo Derivatives to 2-Alkyl/Aryl-4-oxo-4,5-dihydrofuro[3,2-c]quinoline-3-carboxylic Acids

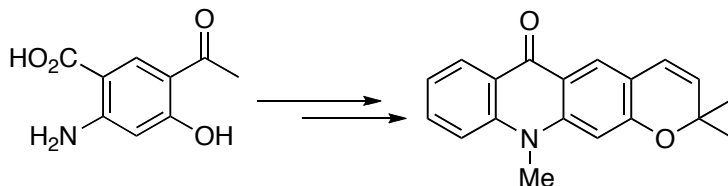
Petr Halada, Petr Sedmera, Kamil Koristek, and Antonín Klásek*



Perkin Rearrangement Wittig Reaction Molecular Rearrangement Pyranoquinoline Furoquinoline

817 Regioselective Synthesis of Demethoxyisoacronycine Involving Nucleophilic Addition to Benzynes

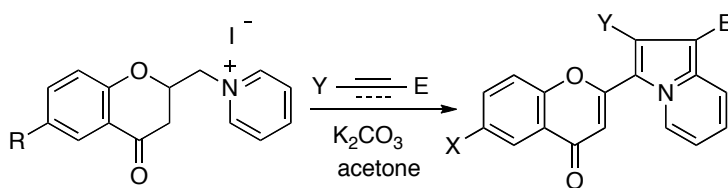
Paul W. Groundwater, László Tőke, Mónika Rudas, and Miklós Nyerges*



Acridone Acronycine Aryne Pyrone

825 Benzopyrans. Part 44. Synthesis of 3-(4-Oxo-4H-1-benzopyran-2-yl)indolizines

Amarendra Patra, Sumit Kumar Karak, and Chandra Kanta Ghosh*

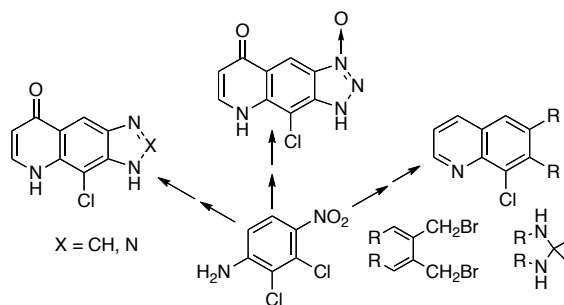


R = H, Me, Cl
 Y = H, CO₂Me
 E = CO₂Me, CO₂Et, CN

1-Benzopyran-4-one Indolizine Pyridinium Methylid [3+2] Cycloaddition

833 Synthesis and Biological Evaluation of Triazolo[4,5-g]quinolines, Imidazo[4,5-g]quinolines and Pyrido[2,3-g]quinoxaline. Part II

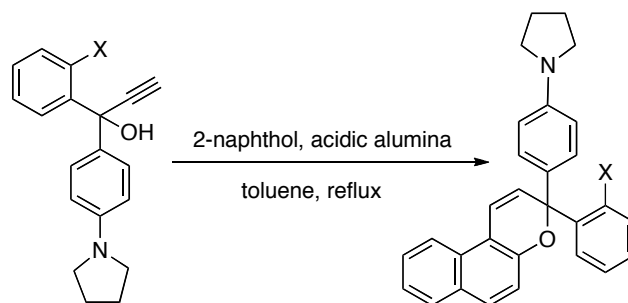
Paolo Caredda, Maria Giovanna Setzu, Graziella Poni, Giuseppe Paglietti, Gianpiero Boatto, and Antonio Carta*



Triazolo[4,5-g]quinoline Imidazo[4,5-g]quinoline Pyrido[2,3-g]quinoxaline Antimycobacterial Activity

843 Control of the Fading Properties of Photochromic 3,3-Diaryl-3*H*-naphtho[2,1-*b*]pyrans

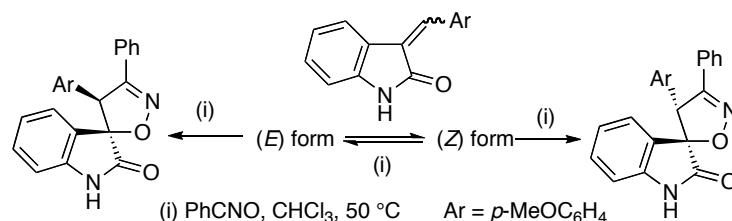
Alicia C. Instone, Christopher D. Gabbutt, and B. Mark Heron*



Naphthopyran Photochromism Electrocyclic Reaction Vilsmeier Reaction Merocyanine

857 Diastereoselective Synthesis and Structure of Spirooxindole Derivatives

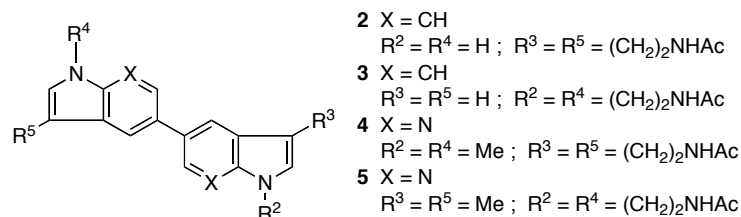
Archimede Rotondo, Giuseppe Bruno, Francesco Foti, Giovanni Grassi, and Francesco Risitano*



1,3-Dipolar Cycloaddition Nitrile Oxide Regioselectivity X-Ray Analysis

865 Synthesis of New Melatonin Analogues from Dimers of Azaindole and Indole by Use of Suzuki Homocoupling

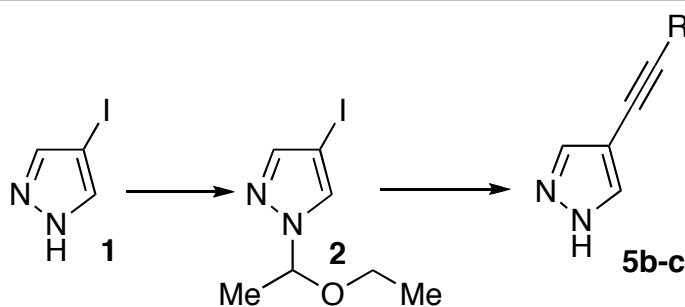
Marie-Claude Viaud-Massuard, Carlos Larraya, and Jérôme Guillard*



Dimer of Azaindole and Indole Suzuki Homocoupling Melatonin [1,1'-Bis(diphenylphosphino)ferrocene]dichloropalladium

879 Ethyl Vinyl Ether - An Agent for Protection of the Pyrazole NH-Fragment. A Convenient Method for the Preparation of *N*-Unsubstituted 4-Alkynylpyrazoles

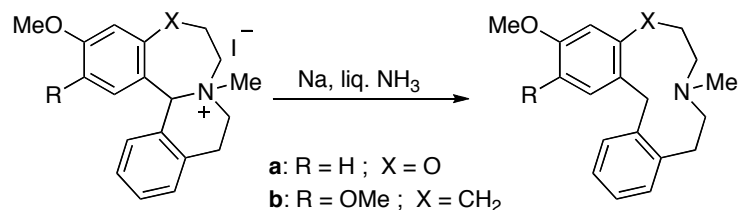
Eugene V. Tretyakov, Svetlana V. Klyatskaya, Sergei F. Vasilevsky, and José Elguero*



Ethyl Vinyl Ether Pyrazole Derivative Acetylene Derivative Iodo Derivative Sonogashira-Heck Reaction

887 Dopamine/Serotonin Receptor Ligands VI. Dibenz[*g,g'*]-1-oxa-4-azacycloundecene and Dibenz[*d,g'*]-2-azacycloundecene: Synthesis of Two New Heterocyclic Ring Systems as Potential Ligands for Dopamine Receptor Subtypes

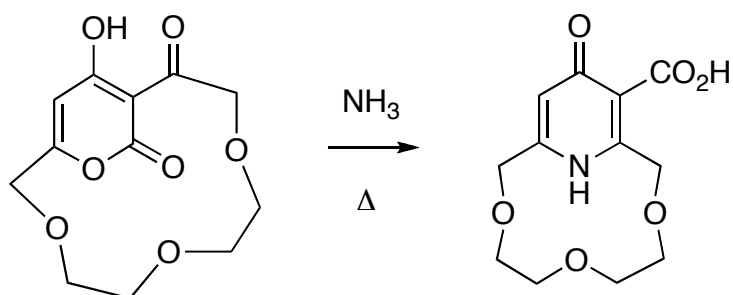
Christoph Enzensperger, Thomas W. Wittig, and Jochen Lehmann*



Bischler-Napieralski Reaction Ring Cleavage Different Conformations

899 A New Method for Synthesis of Crown Ether Type Pyridinophanes

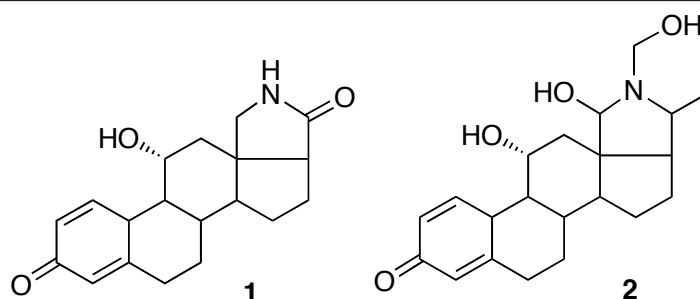
Satoshi Fujii, Ken-ichi Iwamoto, Tsunehisa Oda, and Masayuki Sato*



Ring Transformation Pyridinophane Crown Ether Macrolactone X-Ray Crystallography

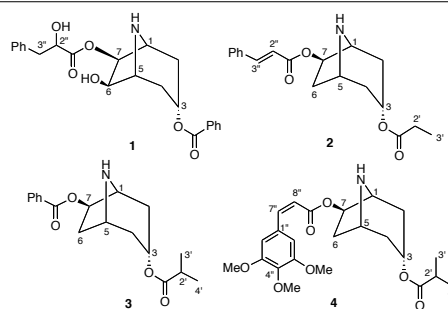
NOTES
909 Two New Constituents from the Bark of *Holarrhena pubescens*

Ghazala H. Rizwani, Sabira Begum, Syed Tahir Ali, Shahid Bader Usmani, and Bina Shaheen Siddiqui*


Holarrhena pubescens Norkurchamide Pubatriol Steroidal Constituent

917 Nortropane Alkaloids from the Leaves of *Erythroxylum moonii*

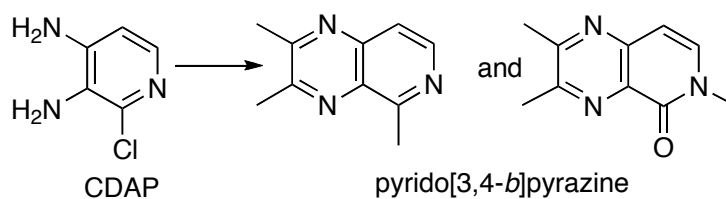
M. Iqbal Choudhary, _ Atta-ur-Rahman, and Khazadi Fatima Khattak*



Tropane Alkaloid Erythroxylaceae Isolation Structure Elucidation Esterifying Acid

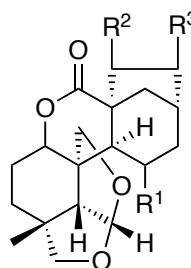
925 Pyrido[3,4-*b*]pyrazines. A New Application of 2-Chloro-3,4-diaminopyridine

Markus J. Schwarzkopf-Hofmann, Markus Knoth, Dieter Kux, and Werner W. K. R. Mederski*


 5-Chloropyrido[3,4-*b*]pyrazine 6-*H*-Pyrido[3,4-*b*]pyrazin-5-one *N*-Alkylation *N*-Arylation ¹H-¹⁵N-HMBC Spectra

933 **Ent-Kaurane Diterpenoids from *Isodon rubescens* var. *lushiensis***

Liyan Peng, Shenghong Li, Quanbin Han, and Han-Dong Sun*

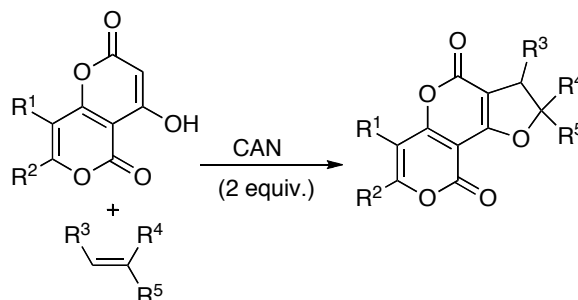


	R ¹	R ²	R ³
1	H	= O	α Me
2	H	= O	β Me
3	β-OH	= O	α-Me
4	H	α-OH	= CH ₂
5	H	= O	= CH ₂
6	β-OH	= O	= CH ₂
7	β-OH	α-OH	= CH ₂

Labiatae *Isodon rubescens* var. *lushiensis* ent-Kaurane Diterpenoid Ludongnins C, D and E

939 **Convenient Synthesis of Furopyranopyrandione Derivatives by the CAN-mediated Furan Ring Formation**

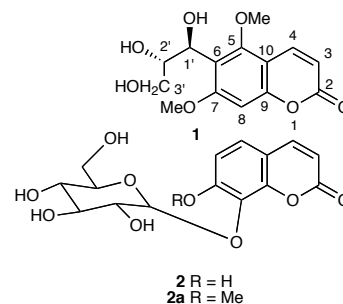
Hisatoshi Konishi, Osamu Morikawa, Katsunori Nagase, and Kazuhiro Kobayashi*



Cerium(IV) Ammonium Nitrate Furan Furopyranopyrandione Hydroxyfurofuranopyrandione [3+2] Addition

947 **C-Alkylated Coumarin and Coumarin Glycoside from *Daphne oleoides***

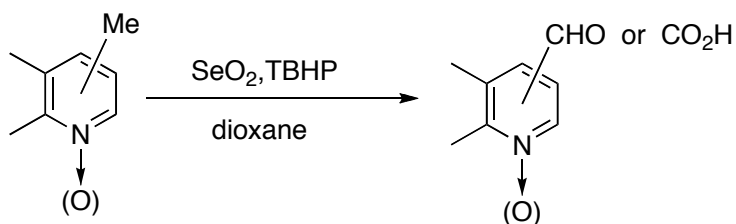
Nighat Afza, Muhammad Rafique, Erum Akbar, Muhammad Riaz, and Abdul Malik*



Daphne oleoides Thymelaeaceae Coumarin Coumarin Glucoside

953 **Improved Oxidation of Active Methyl Group of *N*-Heteroaromatic Compounds by Selenium Dioxide in the Presence of *tert*-Butyl Hydroperoxide**

Yoshitaka Higuchi, Katsuya Yamashita, Yoshinobu Tagawa, and Yoshinobu Goto*

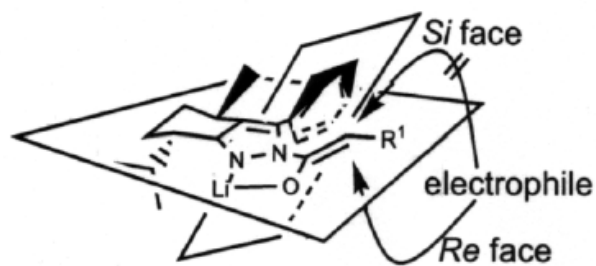


tert-Butyl Hydroperoxide Selenium Dioxide *N*-Heteroaromatic Compound Aldehyde Selective Oxidation

■ REVIEW

- 959 **3-Phenyl-*A*-menthopyrazole [(4*R*,7*S*)-7-Isopropyl-4-methyl-3-phenyl-4,5,6,7-tetrahydroindazole]: A New Type of Chiral Auxiliary**

Choji Kashima*



Preparation *N*-Acylation Stereo Structure Diastereoselective Reaction

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 989 Polyketides
 995 Aromatics
 1009 Terpenes
 1026 Steroids
 1029 Alkaloids
 1040 Miscellaneous