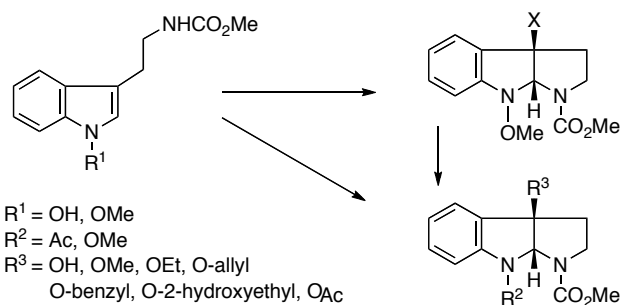


■ COMMUNICATIONS

1811 **Three New Synthetic Methods for the 1,2,3,3a,8,8a-Hexahydropyrrolo[2,3-*b*]indoles Having an Alkoxy Group at the 3a-Position**

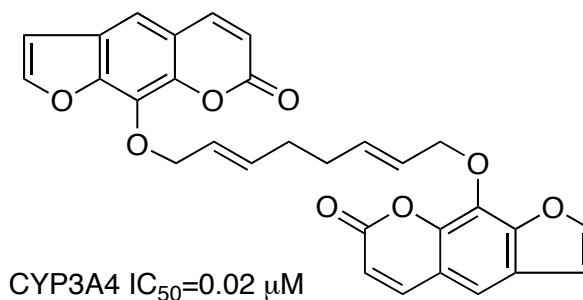
Shiho Funaki, Fumio Yamada, Takako Iwaki, and Masanori Somei*



3a-Chloro-, 3a-Bromo-, 3a-Hydroxy-, and 3a-Alkoxy-1,2,3,3a,8,8a-hexahydropyrrolo[2,3-*b*]indoles

1817 **Synthetic Models Related to Furanocoumarin — CYP3A4 Interactions. Synthesis of Furanocoumarin Dimers that Have Inhibitory Effects on Activity of Human CYP3A4**

Naozumi Nishizono, Minoru Machida, Keiji Wada, Teruki Yoshimura, Yuki Yamaguchi, Hitomi Kasai, and Kazuaki Oda*

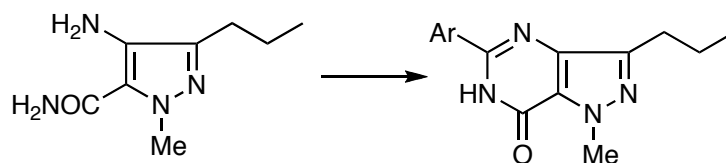


Paradisins Grapefruit Juice Residual Activity P450

■ PAPERS

1821 **High Throughput Synthesis of Pyrazolopyrimidines *via* Copper-catalysed Cyclization and X-Ray Study**

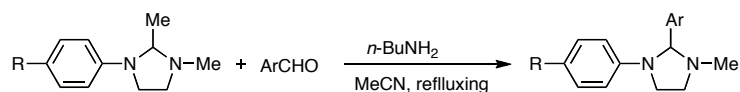
Muhammad Usman Anwar, Klaus Eichele, Mustafa M. El-Abadela, Samer Al-Gharabli, Monther Khanfar, Raid J. Abdel-Jalil, and Wolfgang Voelter*



Pyrazolopyrimidine Phosphodiesterase Inhibitor Viagra® Erectile Dysfunction Copper-catalysed Cyclization

1829 **A Convenient Preparation of a Series of 2-Aryl-substituted Imidazolidines through Diamine Transfer Reaction**

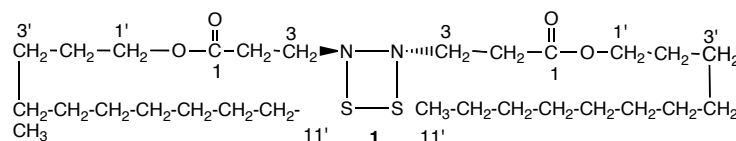
Chizhong Xia, Yongbin Zhang, Donghong Li, and Wei Guo*



Aryl Transfer Reaction 2-Aryl-substituted Imidazolidine Aromatic Aldehyde n-Butylamine

1837 A New α -Glucosidase Inhibiting Dithiadiazetid_{in} Derivative from *Symplocos racemosa*

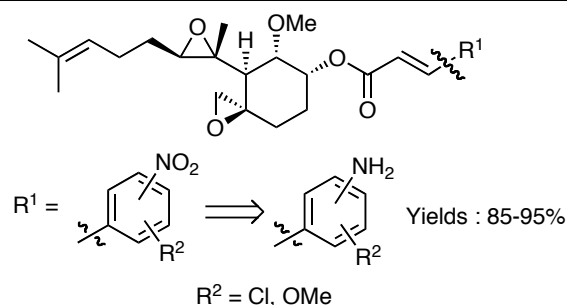
Klaus-Peter Zeller, M. Iqbal Choudhary, Umar Farooq, Shamsun Nahar Khan, Muhammad Abid Rashid, Muhammad Zubair, Muhammad Athar Abbasi, and Viqar Uddin Ahmad*



Dithiadiazetid_{in} NMR-Technique Symplocaceae *Symplocos racemosa* α -Glucosidase

1843 Selective Reduction of Nitrocinnamoylfumagillols with α,β -Unsaturated Ester Using Borohydride Exchange Resin (BER)-Nickel Acetate

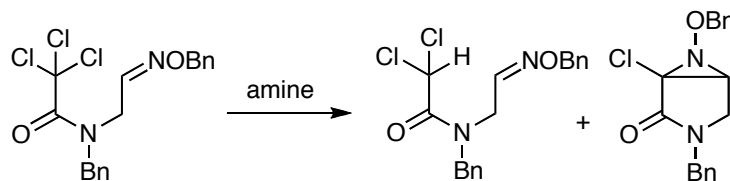
Sang Joon Lee, Soon Kil Ahn, Sung Kwon Kang, Jung Hwa Lee, Joong Bok Ahn, and Hong Woo Lee*



Chemoselective Reduction Nitrocinnamoylfumagillol Derivative Borohydride Exchange Resin(BER)-Ni(OAc)₂

1857 Reaction of Polychloroacetamides with Amines: Reductive Dechlorination and Aziridine Formation

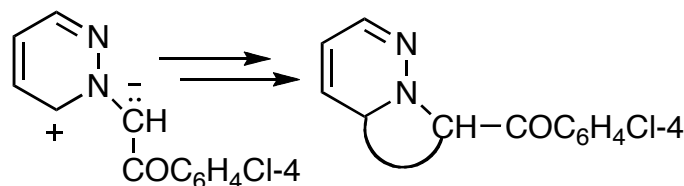
Okiko Miyata, Masafumi Ueda, Ayako Saito, and Takeaki Naito*



Aziridine Reductive Dechlorination Single-Electron Transfer DBU Trichloroacetamide

1871 Synthesis and Antimicrobial Activity of Some New Pyridazine Derivatives

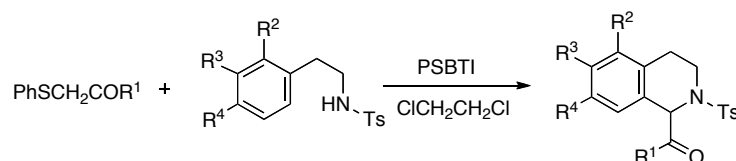
Ionel I. Mangalagiu, Roxana M. Butnariu, Maria D. Caprosu, and Ionel I. Mangalagiu*



Pyridazine Antimicrobial Ylide Cycloaddition Microwave

1881 New Syntheses of 1-Benzoyltetrahydroisoquinoline Derivatives Using Polymer-supported Bis(trifluoroacetoxy)iodobenzene

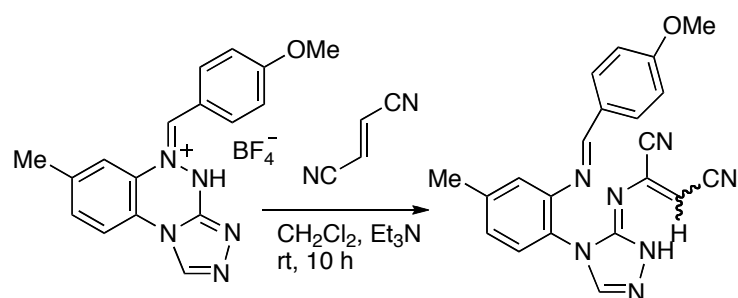
Huey-Min Wang, Rei-Sheu Hou, Hsin-Yu Huang, and Ling-Ching Chen*



Pictet-Spengler Reaction Pummerer-Type Reaction Iminium Cation

1889 Regio- and Stereoselective Cycloadditions and Further Transformations of Azomethine Imine Derivatives of Fused [1,2,4]Triazines

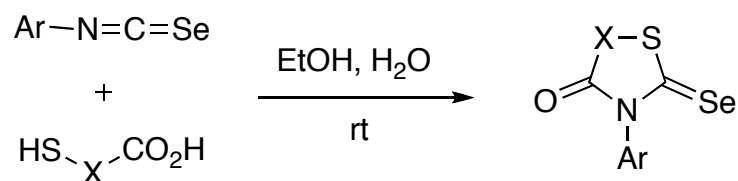
Antal Csámpai, Csilla Gróf, Branko Stanovnik, Orsolya Egyed, Zsuzsanna Riedl, and György Hajós*



1,3-Dipolar Cycloaddition Regioselectivity Stereoselectivity Mesomeric Betaine Ring Opening

1903 Synthesis of 2-Selenoxo-1,3-thiazolidin-4-ones and 2-Selenoxo-1,3-thiazinan-4-ones from Isoselenocyanates

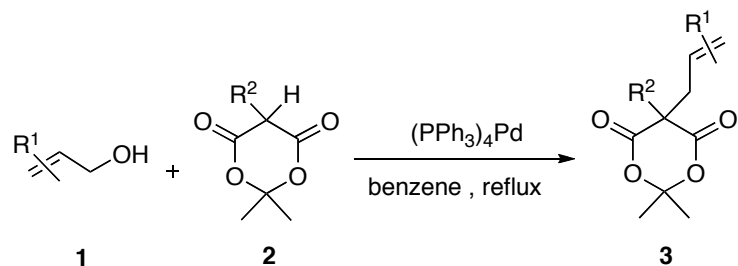
Anthony Linden, Geoffroy L. Sommen, and Heinz Heimgartner*



Cyclization Isoselenocyanate Selenorhodanine Selone

1917 Allylation of Meldrum's Acids by Allylic Alcohols Using Tetrakis(triphenylphosphine)palladium(0) Catalysts

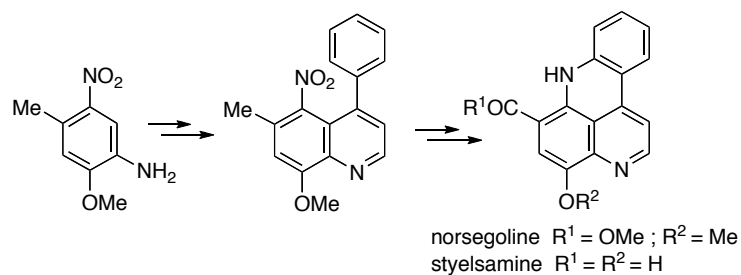
Hsin-Yu Huang, Huey-Min Wang, Rei-Sheu Hou, and Ling-Ching Chen*



Palladium-catalyzed Reaction Allylic Alcohol 5-Allylated Meldrum's Acid

1925 Total Synthesis of Styelsamine C, and Formal Synthesis of Noresegoline

Akinori Kubo and Shinsuke Nakahara*

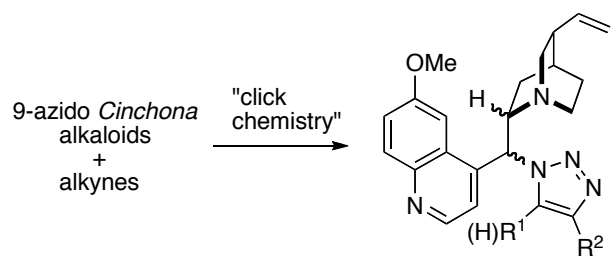


Styelsamine C Noresegoline Synthesis Intramolecular Nitrene Insertion Biaryl Cross Coupling

■ NOTES

1931 The Library of Cinchona Alkaloids-1,2,3-triazole Derivatives: Structure and Facile Access by "Click Chemistry"

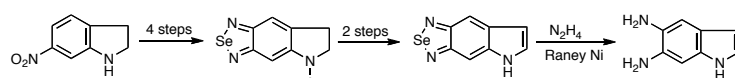
Jacek Gawronski, Urszula Rychlewska, Agnieszka Plutecka, Michal Migas, and Karol Kacprzak*



Cinchona Alkaloid 1,2,3-Triazole Click Chemistry 1,3-Dipolar Cycloaddition Huisgen Cycloaddition

1939 5*H*-[1,2,5]Selenadiazolo[3,4-*f*]indole as a Masked Form of 5,6-Diaminoindole

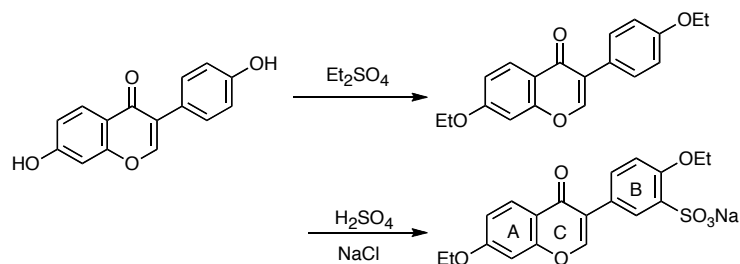
Jealux Okwakol and Spiros Grivas*



2,1,3-Benzoselenadiazole Indoline Deselenation Batcho-Leimgruber Pyrroloquinoxaline

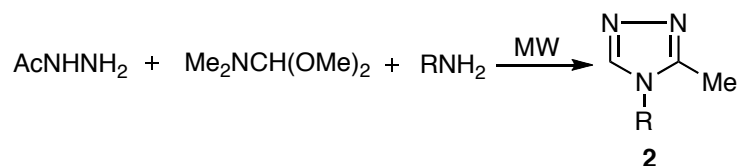
1947 Syntheses and Crystal Structures of Diethylated Daidzein Sulfonates

Qiu-Ya Wang and Zun-Ting Zhang*


 Daidzein Crystal Structure Hydrogen Bond Aromatic π - π Stacking

1957 Microwave-assisted and Efficient One-Pot Synthesis of Substituted 1,2,4-Triazoles

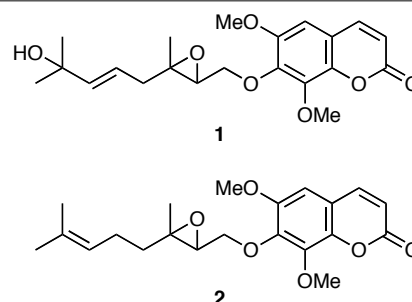
Hongli Bao, Daliang Li, and Tianpa You*



Triazole One-Pot Reaction Microwave-assisted Reaction Solvent-free

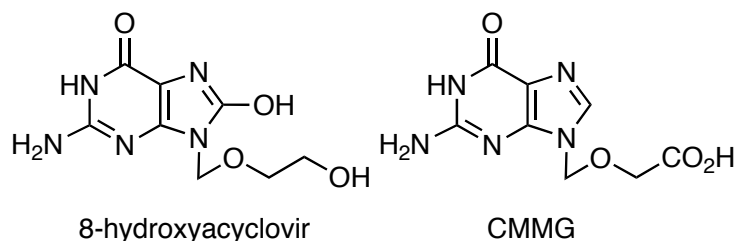
1963 New Coumarins from the *Ailanthus altissima*

Min Suk Yang, Hyun Sook Kwon, Jun Lee, Jong Rok Lee, Seon Woo Hwang, and Ki Hun Park*


Ailanthus altissima Altissimacoumarin A Altissimacoumarin B Isofraxidin Coumarin

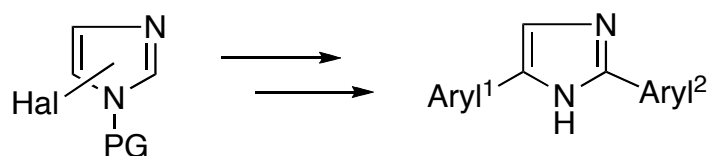
1967 A Practical Synthesis of 8-Hydroxyacyclovir and 9-(Carboxymethoxymethyl)guanine, Metabolites of Acyclovir

Shiroshi Shibuya, Takehiro Yamagishi, Noriaki Shiina, Hiroyuki Ouchi, Yasuo Sakai, Teruo Kutsuma, and Tsutomu Yokomatsu*


 Acyclovir Metabolite Large Scale Synthesis Tautomer ¹³C NMR Spectrum

1975 Synthesis of 2,4-Diarylimidazoles through Suzuki Cross-coupling Reactions of Imidazole Halides with Arylboronic Acids

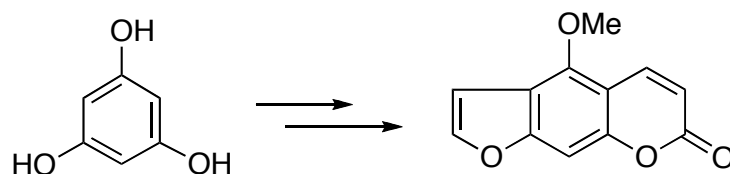
Ingo Langhammer and Thomas Erker*



Lithiation Selective First Arylation Selective Second Arylation MOM Protecting Group SEM Protecting Group

1985 An Efficient Synthesis of Bergapten

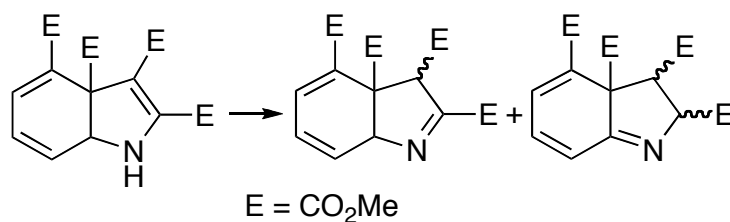
Minoru Machida, Keiji Wada, Teruki Yoshimura, Yuki Yamaguchi, Yukio Tamai, Naozumi Nishizono, and Kazuaki Oda*



Furanocoumarin Regioselective Iodination Oxidative Cleavage Cyclization

1989 Tautomerization of 3a,7a-Dihydroindole-2,3,3a,4-tetracarboxylate

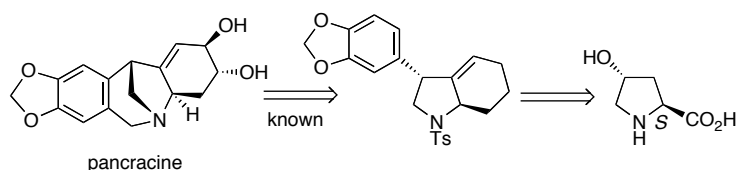
Ji Sook Yu, Kyu Ok Jeon, and Chang Kiu Lee*



Tautomerism 3a,7a-Dihydroindole Indoline

1999 Synthetic Study toward Pancracine

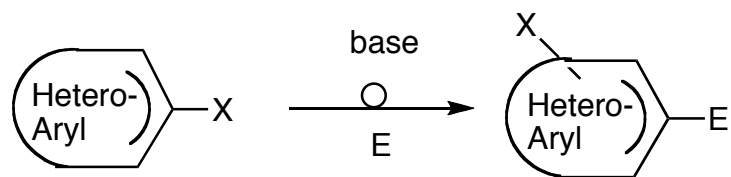
Chun-Li Pai, Chun-Yu Lin, Hua-Ping Chen, and Meng-Yang Chang*


 Pancracine trans-(2*S*,4*R*)-4-Hydroxyproline Formal Synthesis One-Pot Synthesis Intramolecular Aldol Condensation

■ REVIEW

2005 Recent Progress of Halogen-Dance Reactions in Heterocycles

Zhan-Bin Zhang, Xin-Fang Duan, and Xinfang Duan*



Halogen-Dance Halogen Migration Aromatic Halide

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2013 Polyketides
- 2017 Aromatics
- 2027 Terpenes
- 2043 Steroids
- 2045 Alkaloids
- 2051 Miscellaneous

■ ANNAOUNCEMENT

- 2055 Erratum