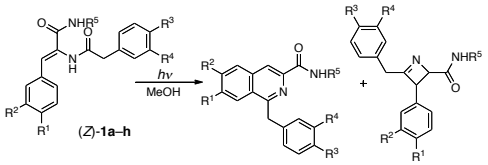
■ COMMUNICATIONS

1779 **A New Route to Papaverine Analogs *via* Photocyclization of Substituted *N*-Acyl-α-dehydrophenylalaninamides**

Tetsutaro Igarashi, Keisuke Taie, Kei Maekawa, Hideki Hoshina, and Tadamitsu Sakurai*

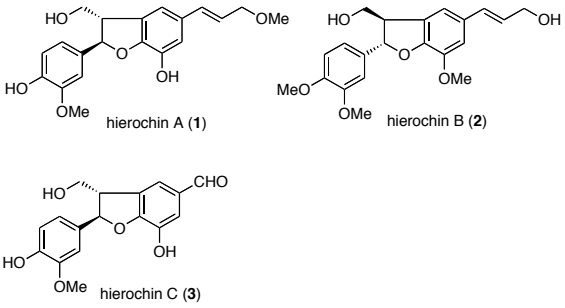


	1a	1b	1c	1d	1e	1f	1g	1h
R^1:	OMe	OMe	OMe	OMe	OMe	OMe	OMe	OMe
R^2:	OMe	OMe	OMe	OMe	H	OMe	OMe	OMe
R^3:	OMe	OMe	OMe	H	OMe	Cl	Cl	F
R^4:	OMe	OMe	H	H	OMe	Cl	H	H
R^5:	Bu	CH_2PhBu	Bu	Bu	Bu	Bu	Bu	Bu

Photochemistry Amino Acid and Derivative Papaverine Analog Substituent Effect Solvent Effect

1787 **(7*R*,8*S*) and (7*S*,8*R*) 8-5' Linked Neolignans from Egyptian Herbal Medicine *Anastatica hierochuntica* and Inhibitory Activities of Lignans on Nitric Oxide Production**

Hisashi Matsuda, Shin Ando, Fengming Xu, Toshio Morikawa, and Masayuki Yoshikawa*

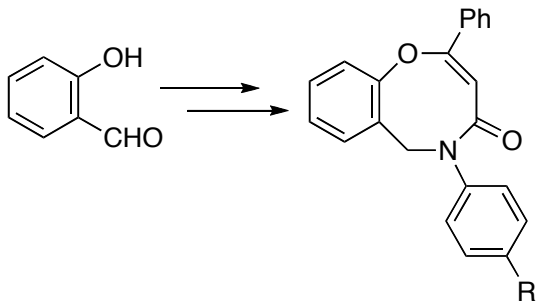


Anastatica hierochuntica Hierochin Neolignan Nitric Oxide Production Inhibitor Absolute Stereostructure

■ PAPERS

1793 **Synthesis of 5-(4-Aryl)-2-phenyl-5,6-dihydrobenzo-[*b*][1,5]oxazocin-4-ones**

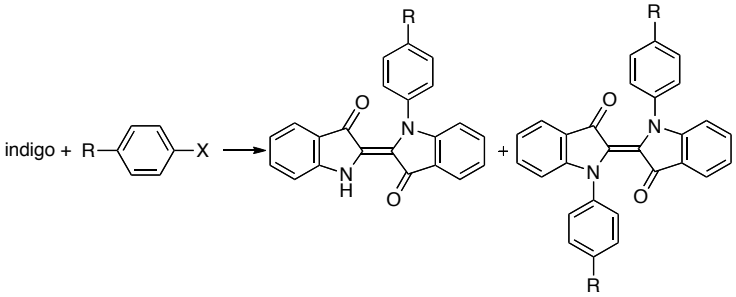
Brigitte Lesur, Christian Jarry, Jean-Michel Léger, Gérald Guillaumet, Yann Davion, and Jean-Yves Mérour*



Cyclization Palladium Alkyne 8-Membered Ring Amidification

1805 **A Simple Preparative Method of *N*-Arylindigos and Substitution Effect in UV/Visible Absorption**

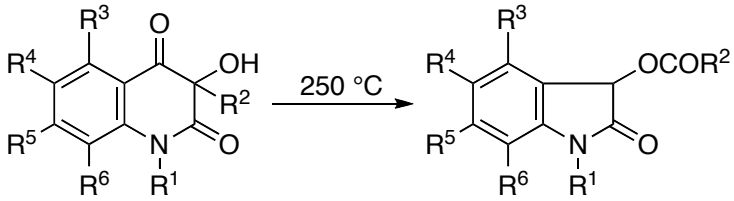
Yukihiro Matsumoto and Hitoshi Tanaka*



Indigo Organic Dye Captodative Bathochromism Brunning-Corvin Effect

1811 **Thermal Rearrangement of 3-Hydroxy-1*H*,3*H*-quinoline-2,4-diones to 3-Acyloxy-2,3-dihydro-1*H*-indol-2-ones**

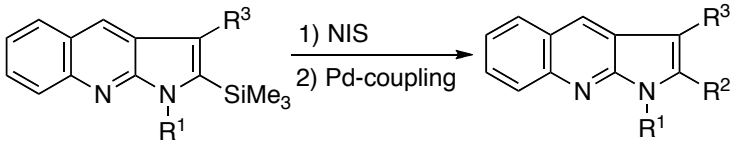
Janez Kosmrlj, Stanislav Kafka, Kamil Koristek, and Antonín Klásek*



Benzoxazinone Dioxindole Molecular Rearrangement Triphenylphosphine

1821 **A Convenient Diversification of Pyrrolo[2,3-*b*]quinolines by Iodonation and Palladium-catalyzed Coupling Reactions**

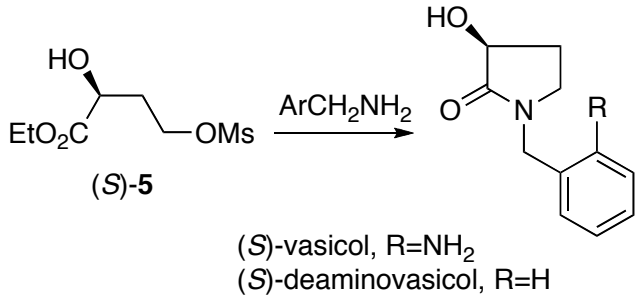
Moon Bae Gee, Won Jung Lee, and Eul Kgun Yum*



Diversification Pyrrolo[2,3-*b*]quinoline Iodonation Palladium Coupling Reaction

1833 **Synthesis of (*S*)-Vasicol and (*S*)-3-Hydroxy-2-pyrrolidinone**

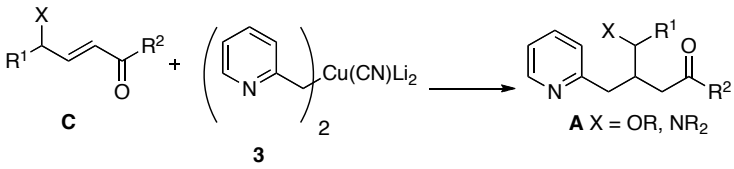
Hua Wei, Xiao Zheng, and Pei-Qiang Huang*



Synthesis Malic Acid Structural Assignment ^{13}C-NMR Peganine

1843 **Stereoselective Conjugate Addition of Metallated 2-Methylpyridine to Functionalized α,β-Unsaturated Carbonyl Compounds**

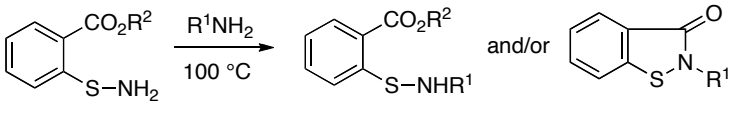
Francisco Sánchez-Sancho and Bernardo Herradón*



Pyridine Conjugate Addition α,β-Unsaturated Carbonyl Compound Lactone Polyannular Heterocycle

1855 **Synthesis of 1,2-Benzisothiazolin-3-one by Transamination of Sulfenamides**

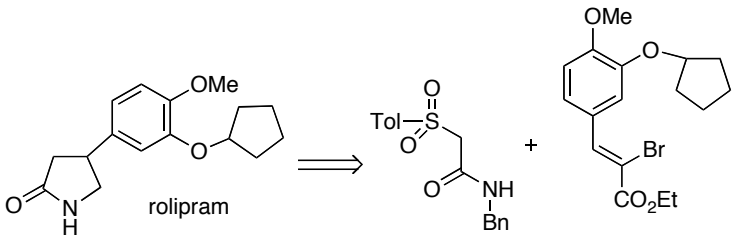
Isao Shibuya, Yoshimoto Abe, Hidenori Fukazawa, Ayanobu Takeda, and Masao Shimizu*



Transamination Benzisothiazolinone Sulfenamide Amination Cyclization

1865 **Synthesis of (±)-Rolipram**

Nein-Chen Chang, Pei-Pei Sun, Meng-Yang Chang, and Shui-Tein Chen*

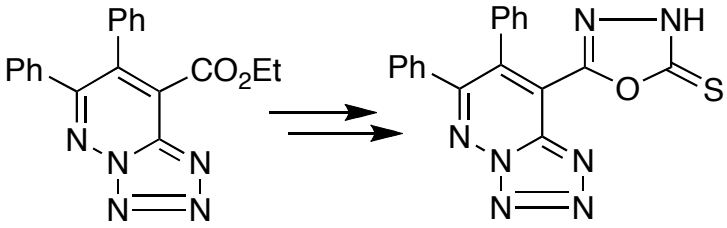


Rolipram Pyroglutamate Pyrrolidin-2-one α-Sulfonylacetamide α,β-Unsaturated Ester

■ NOTES

1873 **Pyridazine Derivatives and Related Compounds, Part 9. Tetrazolo[1,5-*b*]pyridazine-8-carbohydrazide Synthesis and Some Reactions**

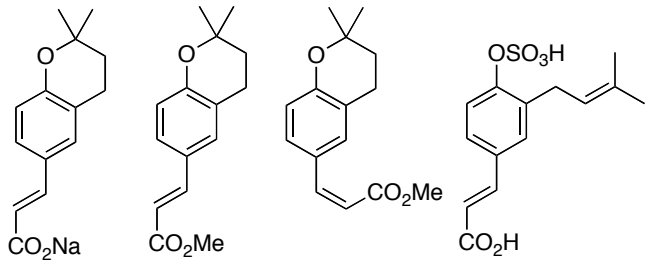
Hosam Saad and Ali Deeb*



Tetrazolo[1,5-*b*]pyridazinecarbohydrazide 1,3,4-Oxadiazothione 1,2,4-Triazolthione

1881 **Constituents of the Leaves of *Petasites formosanus* and Their Antioxidative Activity**

Chang-Sheng Kuoh, Chia-Ying Li, Chun-Hua Lin, and Tian-Shung Wu*

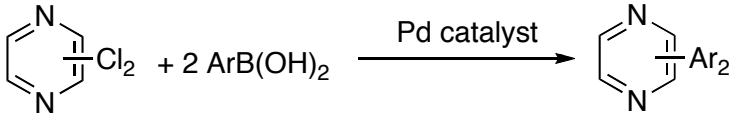


1 **2** **3** **4**

Petasites formosanus Phenylpropenoyl Derivative DPPH Radical Scavenging Activity

1891 **Facile Synthesis of Diarylpyrazines Using Suzuki Coupling of Dichloropyrazines with Aryl Boronic Acids**

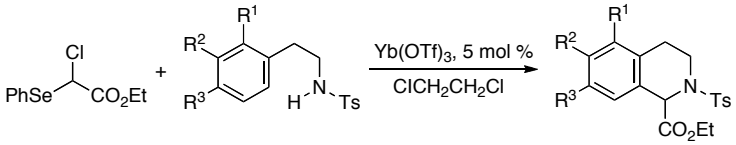
Nate Schultheiss and Eric Bosch*



Diarylpyrazine Suzuki Coupling Dichloropyrazine Palladium Aryl Boronic Acid

1899 **Ytterbium Triflate-catalysed Synthesis of Ethyl 1,2,3,4-Tetrahydroisoquinoline-1-carboxylates Using Ethyl Chloro(phenylselanyl)acetate**

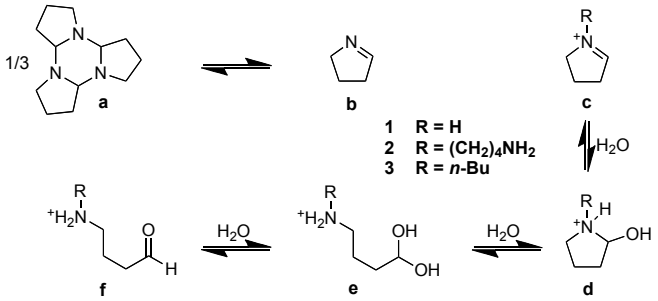
Iou-Jiun Kang, Huey-Min Wang, and Ling-Ching Chen*



Ytterbium Triflate Pictet-Spengler Condensation β-Arylethylamine Iminium Cation 1,2,3,4-Tetrahydroisoquinoline

1907 **Structural Equilibrium and Ring-Chain Tautomerism of Aqueous Solutions of 4-Aminobutyraldehyde**

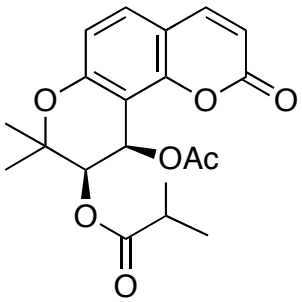
Casper Struve and Carsten Christophersen*



Δ[1]-Pyrroline Preparation NMR Study pH Dependent Equilibrium

1915 **A New Pyranocoumarin from *Peucedanum praeruptorum***

Masatake Niwa, Yi Li, and Ling-Yi Kong*

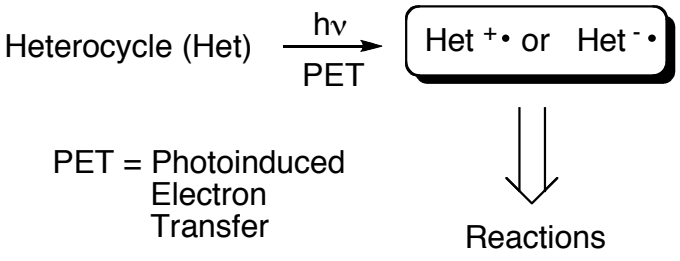


Angular Dihydropyranocoumarin Khellactone Derivative 3'(*R*)-Isobutyryloxy-4'(*R*)-acetoxy-3',4'-dihydroseselin

■ **REVIEW**

1921 **Photoinduced Electron Transfer Reactions in Heterocyclic Chemistry**

Maurizio Fagnoni*



Cycloaddition $S_{RN}1$ Reaction Reductive Addition Substitution Reaction Photochemistry

■ NEW HETEROCYCLIC NATURAL PRODUCTS

1959 Polyketides
1964 Aromatics
1979 Terpenes
1998 Steroids
2001 Alkaloids
2012 Miscellaneous