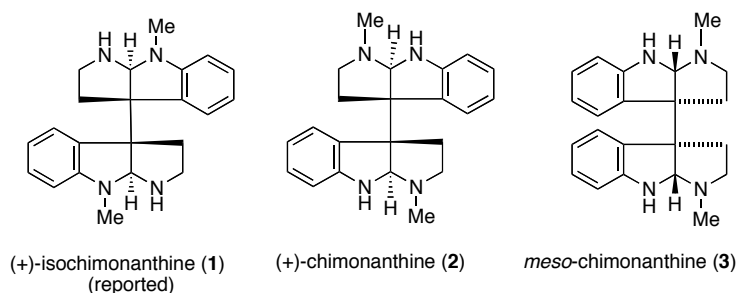


## ■ COMMUNICATION

**1031 Total Synthesis and Structure Reinvestigation of So-called Isochimonanthine**

Mariko Kitajima, Yohei Matsuda, and Hiromitsu Takayama\*

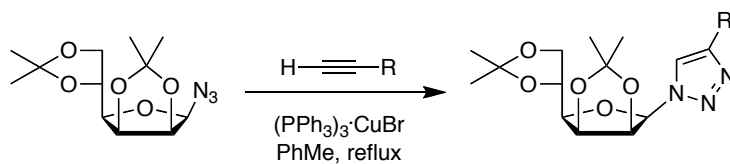


Indole    Alkaloid    Isochimonanthine    Dimerization    Structure Revision

## ■ PAPERS

**1035 Cu(I)-catalyzed Formation of D-Mannofuranosyl 1,4-Disubstituted 1,2,3-Triazolecarbohybrids**

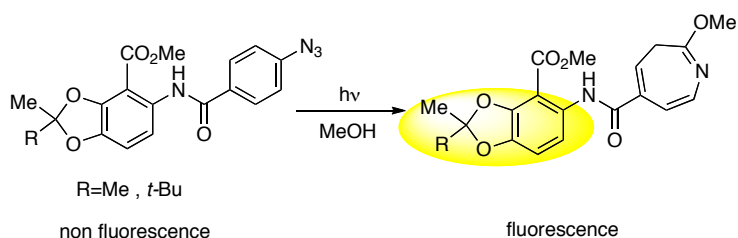
Peter Norris, Timothy R. Wagner, Penny L. Miner, and Peter Norris\*



Furanose    1,2,3-Triazole    Cu(I) Catalysis    Cycloaddition    Carbohybrid

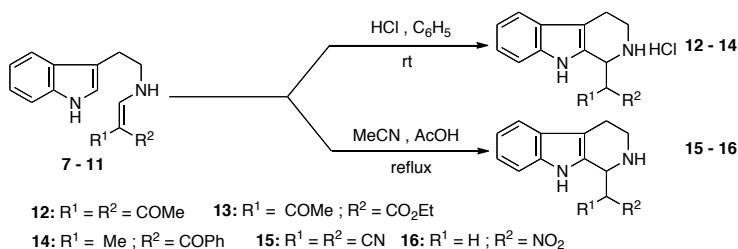
**1051 Functional 1,3-Benzodioxoles Making a Fluorescent Response to Local Transformation in Chemo-reactive Pendant Groups**

Kazukiyo Kobayashi, Yuya Ohguro, Masaya Suzuki, and Yoshihiro Nishida\*


 1,3-Benzodioxole    Fluorescence     $\beta$ -Amino Acid    Azepine    Photoreaction

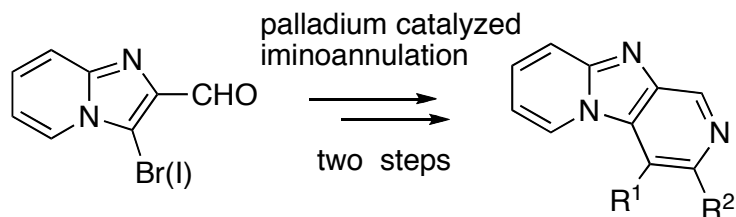
**1063 Synthesis of Functionalized Tetrahydro- $\beta$ -carboline Derivatives by Modified Pictet-Spengler Reaction**

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


 Tetrahydro- $\beta$ -carboline    Modified Pictet-Spengler Reaction    Indole-bearing Secondary Enamine    Tetrahydrofolate Coenzyme Model

**1071 Preliminary Study of Palladium Catalyzed Iminoannulation in an Imidazo[1,2-*a*]pyridine Series**

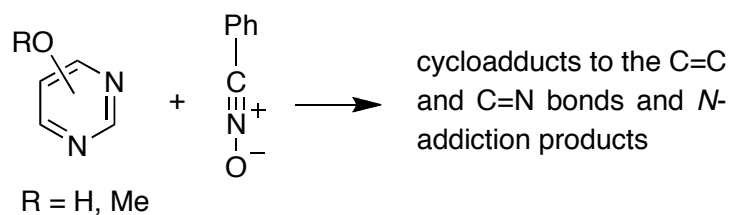
Jean C. Teulade, Anas El Laghdach, Claire Lartigue, Emmanuel Moreau, Jean M. Chezal, Mounir Andaloussi, and Olivier Chavignon\*



Alkyne    Azaindole    Dipyridoimidazole

**1079 Reactions of Benzonitrile Oxide with Methoxyimidines and Pyrimidones**

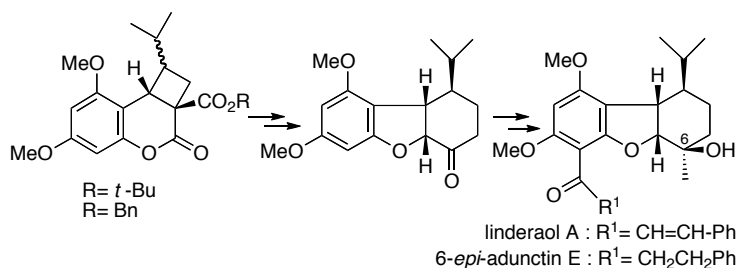
Venerando Pistarà, Giovanni Romeo, Anna Piperno, Maria A. Chiacchio, Antonio Rescifina, and Antonino Corsaro\*



1,3-Dipolar Cycloaddition    Rearrangement    Amidoxime    Oxime

**1099 Improved Synthesis of (±)-Linderol A and Its First Conversion to (±)-6-*epi*-Adunctin E**

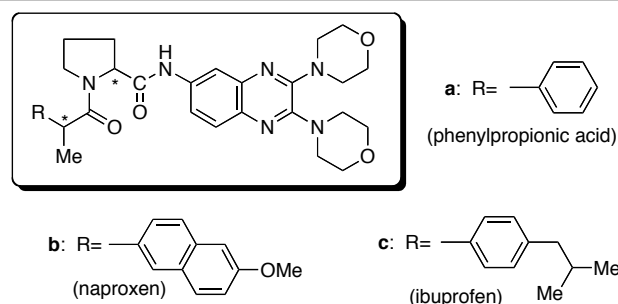
Ikuo Kawasaki, Ikuko Takao, Ai Takada, Tomoki Inaba, Takashi Shimizu, Masayuki Yamashita, and Shunsaku Ohta\*



Linderol A    Adunctin E    Benzo[*b*]cyclobuta[*d*]pyran    Dibenzofuran    Stereoconvergent Transformation

**1111 High-Performance Liquid Chromatographic Enantioseparation Based on Diastereomer Formation with New Fluorescent Chiral Quinoxalines**

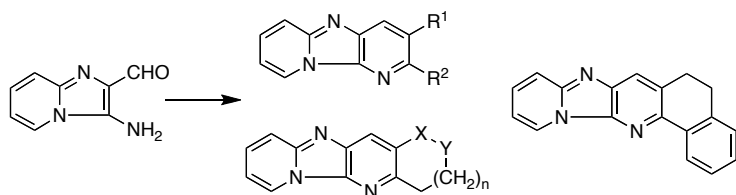
Ryota Saito, Takeshi Fujimoto, Ryoji Yamamoto, and Akira Katoh\*



Chiral Quinoxaline    Fluorescence Derivatization Reagent    Enantioseparation    Diastereomer Formation    HPLC

**1121 Synthesis of Polyfused Heterocycle Derivatives Containing the Dipyridoimidazole Core by Friedländer's Reaction: Access to Analogs of Ellipticine**

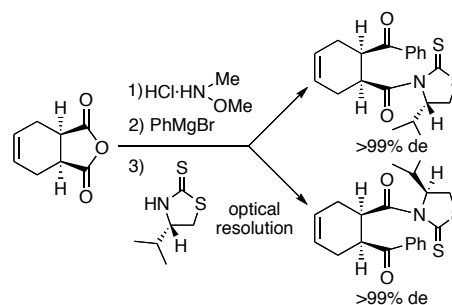
Olivier Chavignon, Jean-Claude Madelmont, Emmanuel Moreau, Yves Blache, Alain Gueiffier, Claire Lartigue, Jean-Claude Debouzy, Florence Fauvelle, Jean-Michel Chezal, Nicolas Desbois, and Jean-Claude Teulade\*



Imidazo[1,2-*a*]pyridine    Friedländer's Reaction    Triazabeno[*d*]fluorene    Tetraazabeno[*d*]fluorene    Triazaindeno[2,1-*d*]phenanthrene

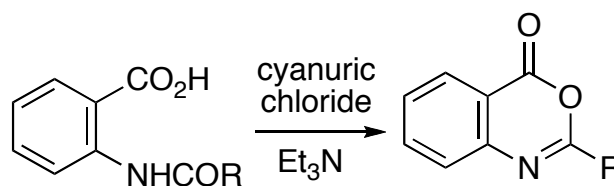
**1139 Practical Synthesis of Chiral *cis*-Cyclohex-4-ene-1,2-dicarboxylic Acid Derivatives by Utilizing (4*S*)-Isopropyl-1,3-thiazolidine-2-thione**

Motoo Shiro, Shigeki Sano, Motoyuki Miyamoto, Tinh Van Dang, and Yoshimitsu Nagao\*


 Optical Resolution    *cis*-4-Cyclohexene-1,2-biscarboxylic Anhydride    Aminolysis    Methanolysis

**1159 A New Synthesis of 2-Substituted 4*H*-3,1-Benzoxazin-4-ones by Cyanuric Chloride Cyclodehydration of *N*-Benzoyl- and *N*-Acylanthranilic Acids**

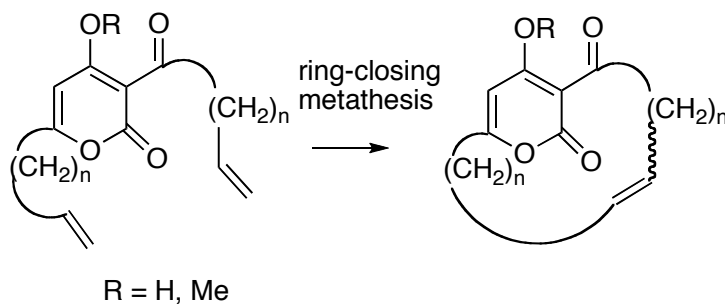
Seyed M. Shariat and Mohammad S. Khajavi\*



Dehydrating Agent    Cyclization    Active Ester    3,1-Benzoxazinone

**1167 Synthesis of 2-Pyrones Bridged at the 3- and 6-Positions by Ring-closing Metathesis**

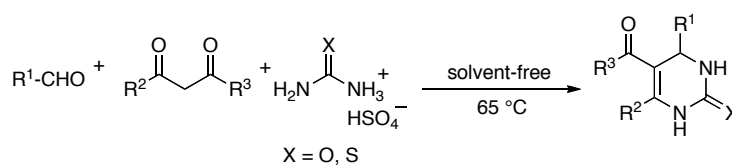
Kiyoshi Ikeda, Yumiko Suzuki, Yasuko Morie, and Masayuki Sato\*



Heterophane    Ring-closing Metathesis    Ruthenium Alkylidene Complex    4-Hydroxy-2-pyrone Derivative    Acylketene

**NOTES**
**1177 A Green Approach to the Synthesis of 2,3-Dihydropyrimidin-2(1*H*)-ones by Uronium Hydrogensulfate under Solvent-free Conditions**

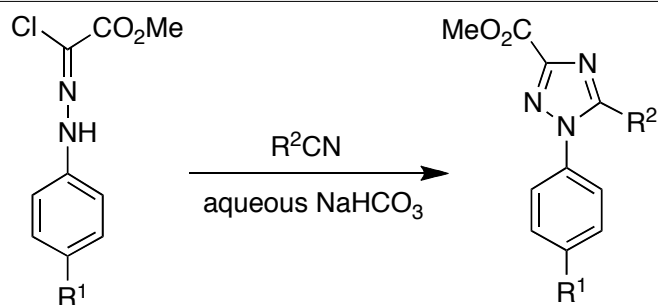
Mostafa Baghbanzadeh, Mohammad Ali Zolfigol, Minoos Dabiri, and Peyman Salehi\*



Biginelli Reaction    Acid Catalyzed    Dihydropyrimidinone    Calcium Channel Modulator

**1183 Nitrilimine Cycloadditions to the Cyano Group in Aqueous Media**

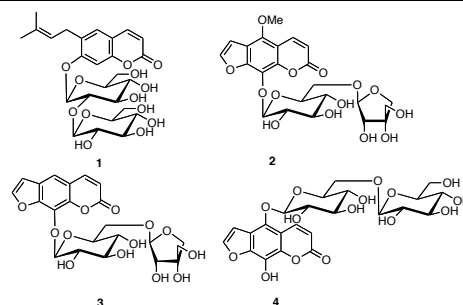
Paola Del Buttero and Giorgio Molteni\*



Nitrilimine Cycloaddition    Cyano Eterodipolarophile    1,2,4-Triazole    Aqueous Media    Environmental-friendly Synthesis

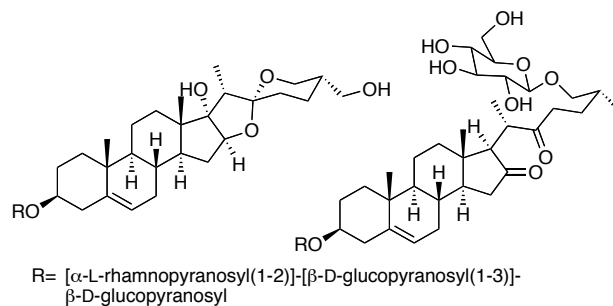
**1189 Four New Coumarin Glucosides from the Roots of *Heracleum rapula***

Handong Sun, Xiaoli Li, Yunheng Shen, Shenghong Li, Weilie Xiao, and Han-Dong Sun\*


*Heracleum rapula*    Coumarin    Glycoside    NMR Spectrum    Platelet Aggregation

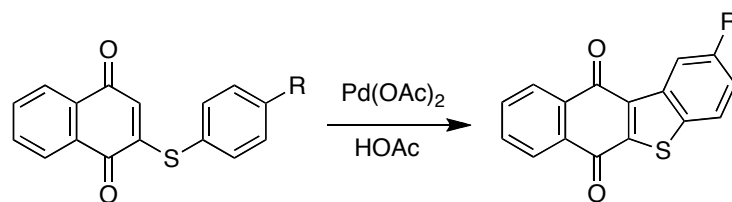
**1197 Two New Steroid Saponins from *Paris polyphylla***

Feng Yin, Yanan Zhang, and Lihong Hu\*


*Paris polyphylla*    Steroidal Saponin    Structural Elucidation    Cytotoxicity    2D NMR Spectrum

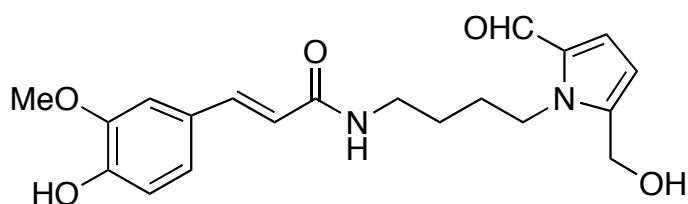
**1205 Synthesis of Benzo[*b*]naphtho[2,3-*d*]thiophene-6,11-diones via Palladium(II) Acetate-mediated Cyclization of 3-Arylthio-1,4-naphthoquinone**

Seong Hee Jung, Jung Yoon Lee, Ik Hwa Choi, and Chung-Kyu Ryu\*


 1,4-Naphthoquinone    Arylthiol    Palladium Acetate    3-Arylthio-1,4-naphthoquinone    Benzo[*b*]naphtho[2,3-*d*]thiophene-6,11-dione

**1215 Total Synthesis and Antioxidative Activity of Magnolamide from *Magnolia coco***

Wenyi Chang, Ching-Chuan Chen, Chang-Han Chiang, Hsi-Jung Yu, Chien-Chang Shen, Wen-Fei Chiou, and Ming-Jaw Don\*



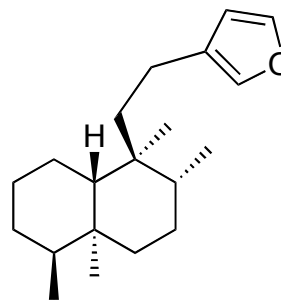
magnolamide

 Magnolamide    *Magnolia coco*    Antioxidative Activity    Phenolic Amide

■ REVIEW

1221 **Advances on the Chemistry of Furanoditerpenoids from *Teucrium* Genus**

Antonella Maggio, Sergio Rosselli, Maurizio Bruno, and Franco Piozzi\*



Furoclerodane    Neoclerodane    Diterpenoid    Teucrium    Lamiaceae

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1235 Polyketides
- 1238 Aromatics
- 1246 Terpenes
- 1264 Steroids
- 1268 Alkaloids
- 1279 Miscellaneous