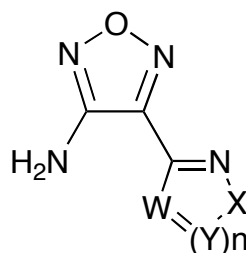


■ COMMUNICATIONS

2417 **Synthesis of Furazane Conjugated New Heterocycles**

Sebastian Wendeborn and Renaud Beaudegnies\*

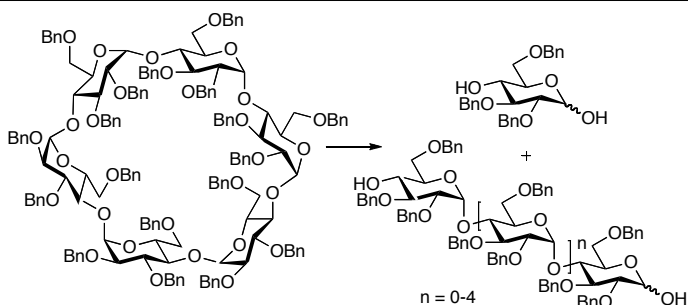


$n = 1, 2$   
 $X = C, N, O$   
 $Y = C, S$   
 $W = C, N$

Microwave High Speed Synthesis Herbicide Aromatic Substitution

2425 **Hydrothermolysis of the Fully Benzylated  $\alpha$ -Cyclodextrin**

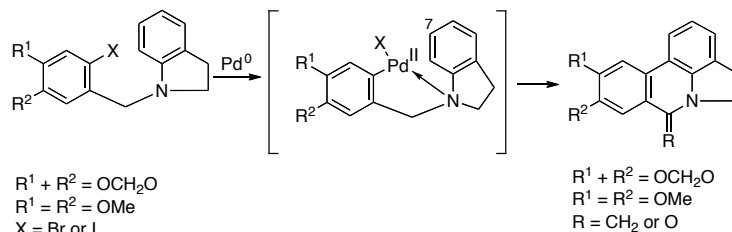
Akihiko Murota, Hideaki Sasaura, Masaki Fujimoto, Naoshi Inoue, and Takashi Yamanoi\*



Hydrothermolysis Benzylated Cyclodextrin Hydrolysis Glycoside Glycosidic Bond

2429 **Concise Synthesis of Pyrrolophenanthridine Alkaloids Using a Pd-Catalyzed Biaryl Coupling Reaction with Regioselective C-H Activation**

Yasuo Takeuchi, Hitoshi Abe, Akihiro Hori, and Takashi Harayama\*

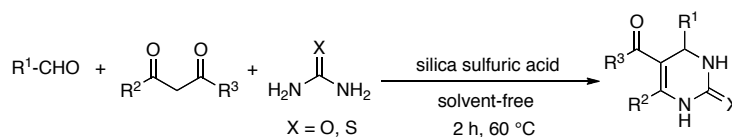


Palladium Regioselectivity Anhydrolycorine Assoanine

■ PAPERS

2435 **Efficient Synthesis of 3,4-Dihydropyrimidin-2(1*H*)-ones over Silica Sulfuric Acid as a Reusable Catalyst under SolvPAPERent-free Conditions**

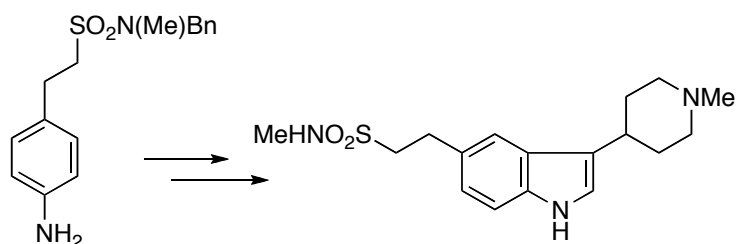
Mohammad Ali Bodaghi Fard, Mohammad Ali Zolfogol, Minoos Dabiri, and Peyman Salehi\*



Biginelli Reaction Catalysis Solid Phase Synthesis Silica Sulfuric Acid Dihydropyrimidinone

**2441 Synthesis of 5-Substituted Indole Derivatives. Part 4: Naratriptan from  $\alpha$ -Anilinoacetaldehyde Dimethylacetal by  $\text{TiCl}_4$ -Mediated Cyclisation**

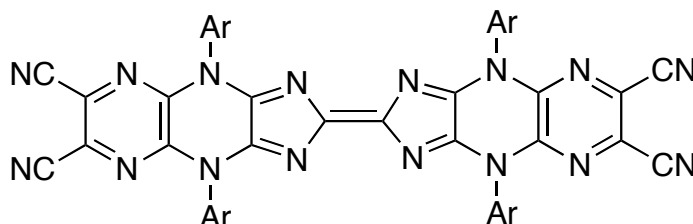
László Tóke, László Poszavác, Gyula Simig, and Béla Pete\*



5-HT Receptor Agonist    Naratriptan    Sundberg Indolisation    Vinylsulfonamide    Vinylsulfonate

**2457 Highly Fluorescent Heterocycles Based on Pyrazino Fused 1,4,5,8-Tetraazafulvalenes**

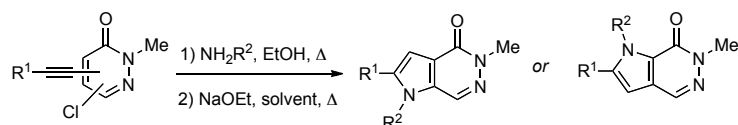
Helmar Görts, Karel Waisser, Gabriela Braunerova, Jan Koci, Christian Käßlinger, and Rainer Beckett\*



Tetraazafulvalene    Ring-fused Pyrazine    Sonogashira Reaction    Fluorescence    Cycloacylation

**2471 5-Alkynyl-4-chloro- and 4-Alkynyl-5-chloro-2-methylpyridazin-3(2H)-ones: Convenient Precursors for the Preparation of 2-Substituted Pyrrolo[2,3-d]pyridazinones**

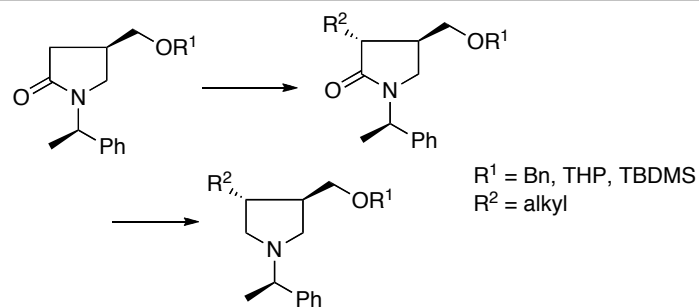
Roger A. Dommissie, Bert U. W. Maes, Omar R'kyek, and Guy L. F. Lemière\*



Nucleophilic Substitution    Nucleophilic Addition    Alkynylpyridazinone    Pyrrolopyridazinone

**2485 A Stereoselective Approach to Both 3,4-*trans*-Disubstituted Pyrrolidin-2-ones and Pyrrolidines. A Convenient Synthesis of (3*R*,4*R*)-4-Benzyl-3-pyrrolidinecarboxylic Acid**

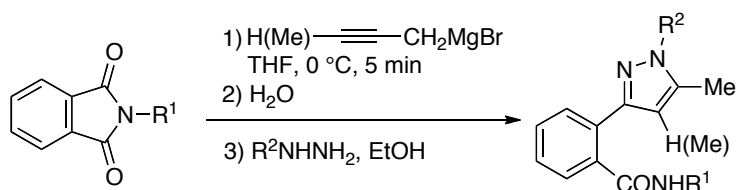
Maria Panagiotaki, Giovanna Mobbili, Gianluca Martelli, Roberta Galeazzi, and Mario Orena\*



Diastereoselective Alkylation    3-Pyrrolidinecarboxylic Acid    Bioactive Amino Acid    Pyrrolidin-2-one    Pyrrolidine

**2499 Synthesis of Multi-substituted Pyrazoles Utilizing the *N*-Alkylated 3-Hydroxy-3-propargyl- or allenylisoindolines**

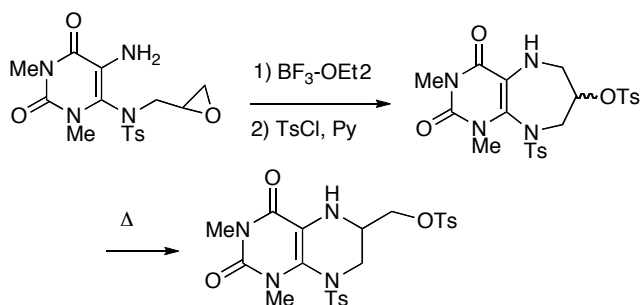
Yong Hae Kim, Hee-Yoon Lee, Tae-Sook Jeong, Sangku Lee, Kyung Soon Kim, Yong Hyun Choi, and Woo Song Lee\*



Phthalimide    Allenyl Ketone    Propargyl- or Allenylisoindoline    Pyrazole    Prop-2-ynylmagnesium Bromide

**2511 Synthesis of the Tetrahydropteridine-2,4-dione Having a Substituted Methyl Group at 6-Position**

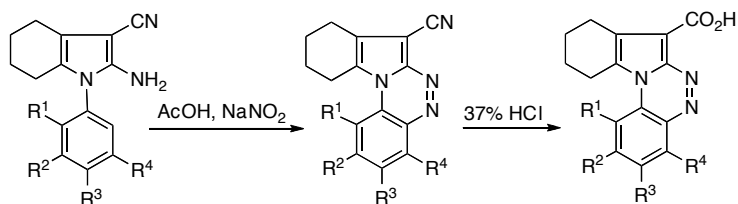
Takeaki Suzuki, Tomoyuki Shimamura, and Masaru Tada\*



Tetrahydropteridinedione    Uracil    Diazepine    Cyclization    Atropisomerism

**2519 Synthesis of 8,9,10,11-Tetrahydroindolo[2,1-*c*]benzo-[1,2,4]triazine. A New Ring System**

Gaetano Dattolo, Anna Maria Almerico, Alessandra Montalbano, Antonino Lauria, Patrizia Diana, Paola Barraja, and Girolamo Cirrincione\*



1,2,4-Triazine    Indolo-fused 1,2,4-Triazine    2-Aminoindole    Diazotization    Intramolecular Coupling

**NOTES**
**2527 Synthesis and Crystal Structure of 2',4''-*O*-Bis-(trimethylsilyl)erythromycin A 9-*O*-(1-Isopropoxy-cyclohexyl) Oxime**

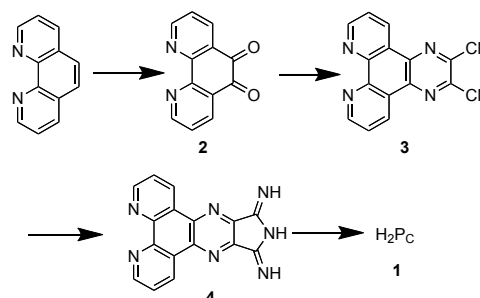
Jian-Hua Liang and Guo-Wei Yao\*



Clarithromycin    Ketalation    Silylation    Regioselectivity    Crystal Structure

**2535 Synthesis and Characterization of a New Metal-free Azaphthalocyanine Containing Four Peripheral Ion Jacks**

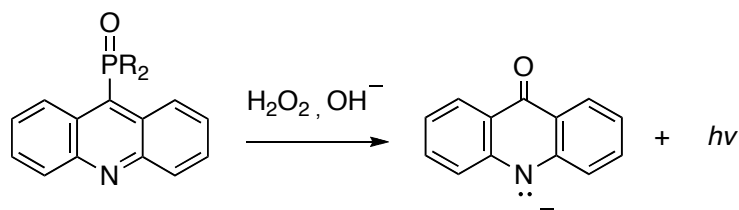
Guotong Du, Wancheng Li, Gui Wang, Xiaoke Hou, Chunyu Ma, and Xiguang Du\*



Porphyrazine    Macrocycle    Diimine Binding Site

**2543 Reactions of 9-Phosphorylacridines with Aqueous Hydrogen Peroxide Accompanied by Weak Chemiluminescence: Remarkable Substituent Effect on Emission Efficiency**

Hiromu Aoyama, Yoshinori Nishii, Yutaka Takaguchi, Rie Shima, and Jiro Motoyoshiya\*

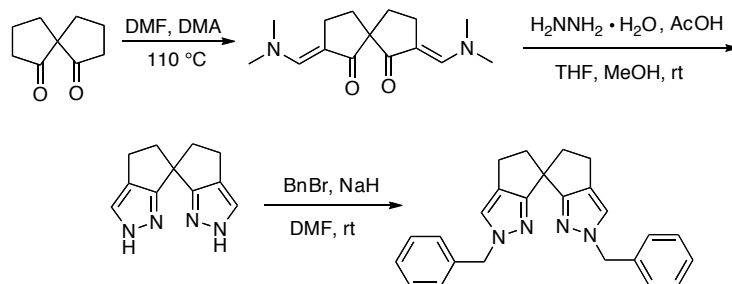


R = OMe, OPh, Ph, etc.

Chemiluminescence    Acridine    Phosphonate    Phospha-1,2-dioxetane    Acridone

**2551 Synthesis of Novel Chiral Spiro Bis(pyrazole) Ligands**

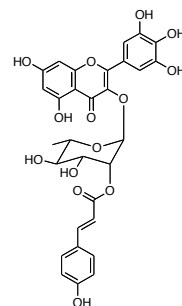
Takahiro Kato, Midori A. Arai, Yuji Honda, Shinobu Takizawa, and Hiroaki Sasai\*



Spiro Skeleton    Pyrazole    Chiral Ligand    Asymmetric Ene Reaction    Cu(II)-Spiro Bis(pyrazole) Complex

**2557 Flavonol Glycosides in Two Diospyros Plants and Their Radical Scavenging Activity**

Tsutomu Nakanishi, Yuka Inatomi, Hiroko Murata, Munekazu Inuma, Iliya Ibrahim, Ken-ichi Nakaya, Tetsuro Ito, Miyuki Furusawa, and Toshiyuki Tanaka\*



*Diospyros glaucifolia*    *Diospyros kaki*    Ebenaceae    Flavonol Glycoside    Radical Scavenging Activity

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2565 Polyketides
- 2569 Aromatics
- 2587 Terpenes
- 2601 Steroids
- 2605 Alkaloids
- 2617 Miscellaneous