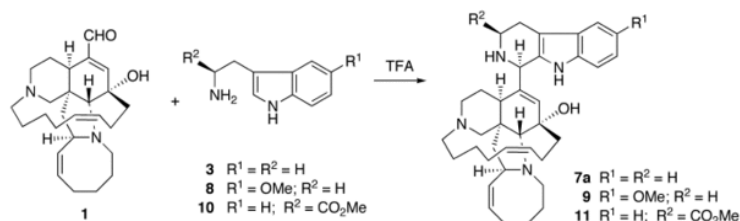


■ COMMUNICATION

245 **An Improved Pictet-Spengler Condensation: A Convenient Synthetic Route to Bioactive Manzamine Derivatives**

Yeun-Mun Choo and Mark T. Hamann\*

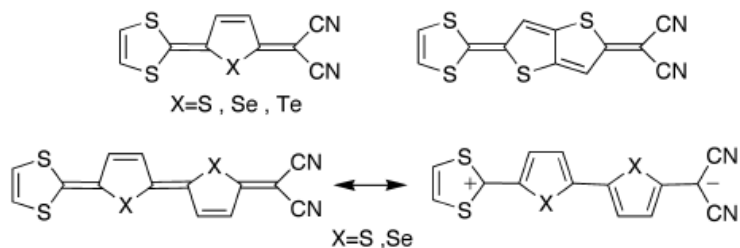


Alkaloid    α,β-Unsaturated Aldehyde    Bioactivity

■ PAPERS

253 **Syntheses, Structures, and Spectroscopic Properties of Push-Pull Heteroquinoid Compounds**

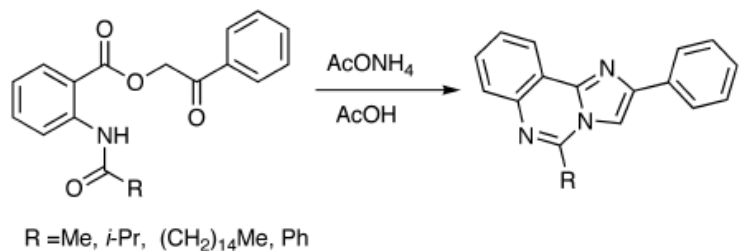
Shinobu Inoue, Shinji Mikami, Kazuo Takimiya, Tetsuo Otsubo,\* and Yoshio Aso



Push-Pull Heteroquinoid    Chalcogen    Amphotericity    Charge-Transfer Absorption    Solvatochromism

269 **The Study of Cyclization of *N*-Acylphenacyl Anthranilates with Ammonium Salts under Various Conditions**

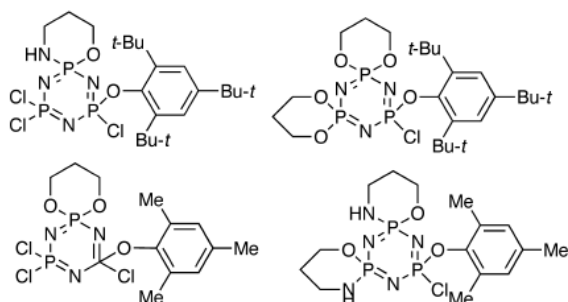
Pavel Hradil,\* Martin Grepl, Jan Hlavac, and Antonin Lyčka



Phenacyl Anthranilate    Synthesis    Imidazole    Cyclization    Ammonium Acetate

281 **The Reactions of Phenoxy Substituted Phosphazenes with 1,3-Propanediol and 3-Amino-1-propanol**

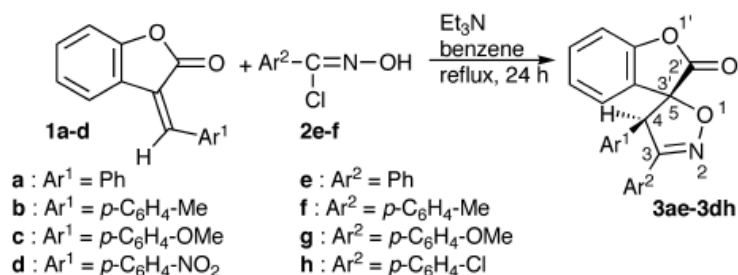
Saliha Begeç,\* Sümeyya Alataş, and Adem Kiliç



Hexachlorocyclotriphosphazatriene    1,3-Propanediol    3-Amino-1-propanol

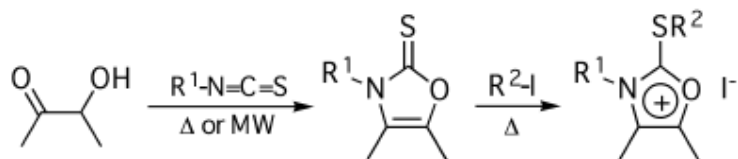
**289 Spiroheterocycles from the Reaction of Arylnitrile Oxides with Some (*Z*)-3-Arylidene-2(3*H*)-benzofuranones. New Access to Orthohydroxyphenylisoxazoline Esters**

Moheddine Askri, Nafaa Jgham, Mohamed Rammah, Kabula Ciamala,\* Karin Monnier-Jobé, and Joël Vebrel


 [3+2] Cycloaddition    Regiochemistry    (*Z*)-3-Arylidene-2(3*H*)-benzofuranone    Arylnitrile Oxide

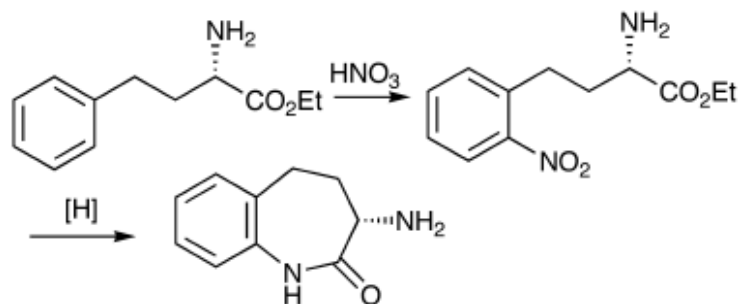
**305 Short and Efficient Synthesis of 3-Substituted 4-Oxazolin-2-thiones and Their Reactivity**

Carlos González-Romero, Rafael Martínez-Palou, Hugo A. Jiménez-Vázquez, Aydeé Fuentes, Fabiola Jiménez, and Joaquín Tamariz\*


 4-Oxazolin-2-thione     $\alpha$ -Ketol    Oxazolium Iodide    Microwave    FMO Calculation

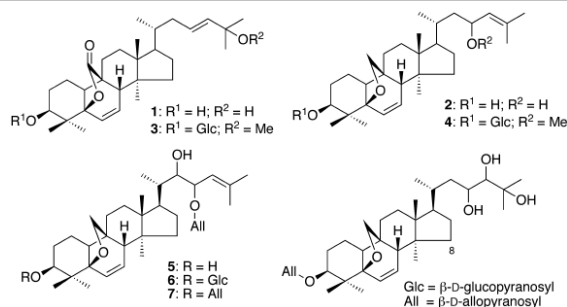
**323 Practical Synthesis of (-)- $\alpha$ -Aminobenzolactam *via* Nitration-Cyclization of *L*-Homophenylalanine Ethyl Ester**

Luoting Yu, Jiling Huang, Ching-Yao Chang, and Teng-Kuei Yang\*


 Chiral Pool    (-)- $\alpha$ -Aminobenzolactam    *L*-Homophenylalanine Ethyl Ester Hydrochloride    Nitration    Hydrogenation-Cyclization

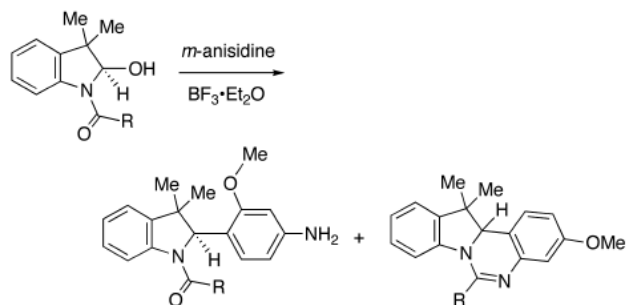
**331 Structures of New Cucurbitane-Type Triterpenes and Glycosides, Karavilagenins D and E, and Karavilosides VI, VII, VIII, IX, X, and XI, from the Fruit of *Momordica charantia***

Hisashi Matsuda, Seikou Nakamura, Toshiyuki Murakami, and Masayuki Yoshikawa\*


*Momordica charantia*    Sri Lanka    Karavilagenins    Karavilosides    Cucurbitane-Type Triterpene

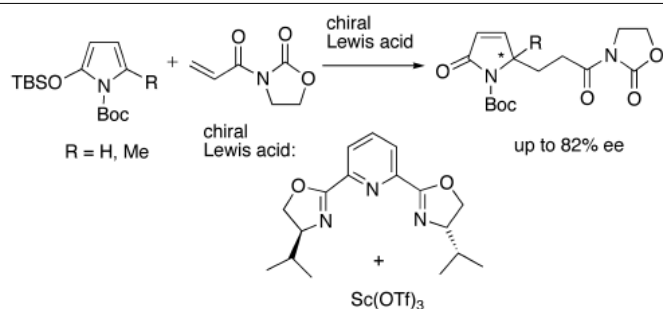
**343 Reaction of 1-Acyl- and Aroyl-2-hydroxy-3,3-dimethylindolines with Arylamines Catalyzed by BF<sub>3</sub>·Etherate. Formation of Dihydroindolo[1,2-*c*]quinazoline**

Akiko Watanabe, Koki Yamaguchi, Fumikazu Ito, Yasuyuki Yoshitake, and Kazunobu Harano\*


 Aroyl-2-hydroxy-3,3-dimethylindoline    Arylamine    12,12a-Dihydroindolo[1,2-*c*]quinazoline    X-Ray Analysis    Molecular Orbital Calculation

**361 Lewis Acid-Catalyzed Michael Addition Reactions of *N*-Boc-2-silyloxyppyroles to 3-Acryloyl-2-oxazolidinone**

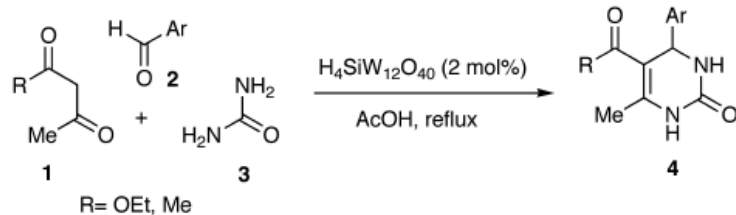
Hiroyuki Suga,\* Haruka Takemoto, and Akikazu Kakehi



Michael Addition    Lewis Acid    Asymmetric Synthesis    Enantioselectivity    Pyrrole

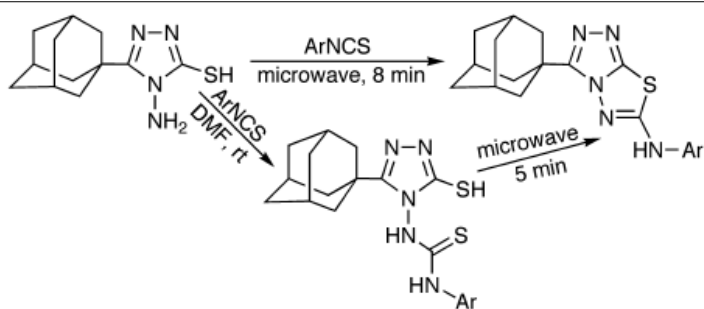
**NOTES**
**373  $\text{H}_4\text{SiW}_{12}\text{O}_{40} \cdot x\text{H}_2\text{O}$  as a New Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1*H*)-one**

Khodabakhsh Niknam\* and Nader Daneshvar


 $\text{H}_4\text{SiW}_{12}\text{O}_{40}$     Biginelli Reaction    Dihydropyrimidinone    Heteropolyacid    Silicotungstic Acid

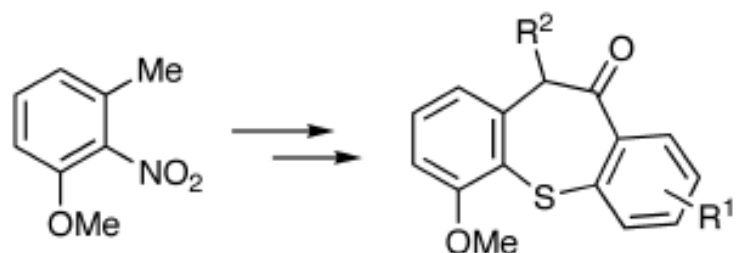
**379 Microwave-Assisted Dehydrosulfurization: An Efficient, Solvent-Free Synthesis of 5-(1-Adamantyl)-2-arylamino-1,2,4-triazolo[3,4-*b*][1,3,4]thiadiazoles**

Ebtehal S. Al-Abdullah, Ihsan A. Shehata, Omar A. Al-Deeb, and Ali A. El-Emam\*


 Dehydrosulfurization    Microwave Irradiation    1-Adamantyl Derivative    1,2,4-Triazolo[3,4-*b*][1,3,4]thiadiazole    Antimicrobial Activity

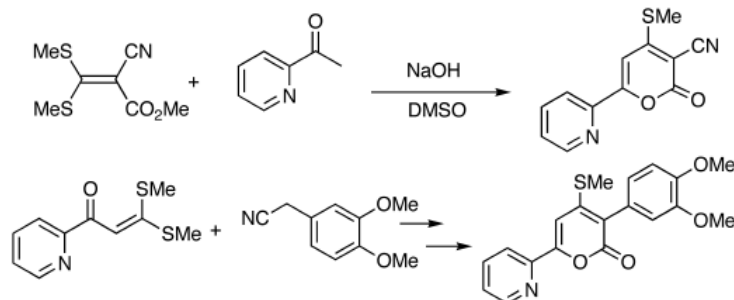
**389 Efficient Method for the Synthesis of Dibenzo[*b,f*]thiepin-10-ones under Mild Conditions**

Qiang Zhang,\* Youyi Peng, and William J. Welsh\*


 Dibenzothiepin-10-ones    Cyclization    PPE    Ketone  $\alpha$  Bromination    Copper(II) Bromide

**399 Synthesis and Fluorescence of 4-Methylsulfanyl-6-pyridyl-2H-pyran-2-ones in Solid State**

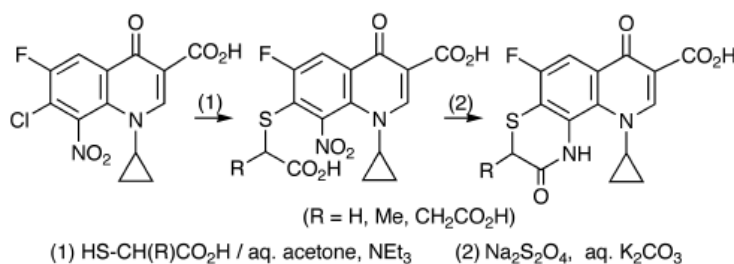
Naoko Mizuyama, Shinya Kohra, Kazuo Ueda, Kyoko Hiraoka, Kojiro Takahashi, and Yoshinori Tominaga\*



6-Pyridyl-2H-pyrone Ketene Dithioacetal Fluorescence Chromophore Organic Electroluminescence

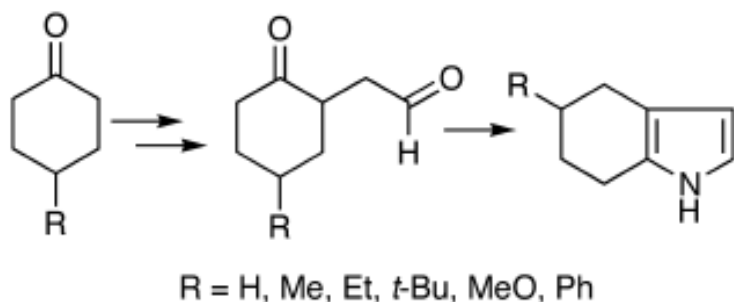
**411 Heterocycles [7]Fused on 4-Oxoquinoline-3-carboxylic Acid, II. A Facile Synthesis of Some 2,7-Dioxo[1,4]-thiazin[2,3-*h*]quinoline-8-carboxylic Acids**

Mohammed H. Al-Huniti, Jalal A. Zahra, and Mustafa M. El-Abadelah\*


 7-Chloro-8-nitro-4-oxoquinoline  $S_N$ -Ar Reaction  $\alpha$ -Mercaptoalkanoic Acid Reductive Lactamization Tetrahydro[1,4]thiazino[2,3-*h*]quinoline

**419 Synthesis of 5-Substituted 4,5,6,7-Tetrahydroindoles from Cyclohexanones**

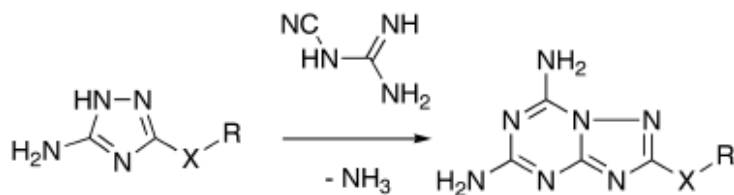
Chang Kiu Lee,\* In-Sook Han Lee, and Wayland E. Noland



Tetrahydroindole Paal-Knorr Condensation 1,4-Dicarbonyl Compound Enol Silyl Ether Cyclohexanone

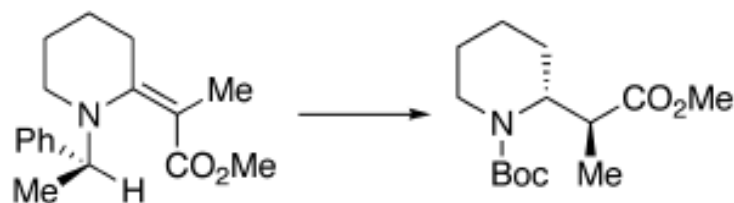
**429 Synthesis of 5,7-Diamino[1,2,4]triazolo[1,2-*a*][1,3,5]-triazines *via* Annulation of 1,3,5-Triazine Ring onto 3(5)-Amino-1,2,4-triazoles**

Anton V. Dolzhenko, Anna V. Dolzhenko, and Wai-Keung Chui\*


 1,2,4-Triazolo[1,5-*a*][1,3,5]triazine 5-Azapurine Fused  $\delta$ -Triazine Fused  $\delta$ -Triazole Cyanoguanidine

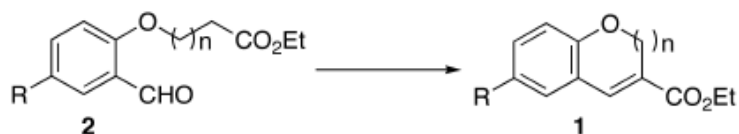
**437 Diastereoselective Synthesis of Chiral Methyl 2-Piperidin-2-ylpropanoates**

Jennifer Pereira, Sandrine Calvet-Vitale, Marie-Claude Fargeau-Bellassoued, Virginie Mouries-Mansuy, Corinne Vanucci-Bacqué,\* and Gérard Lhomme\*


 $\beta$ -Amino Ester Piperidine  $\beta$ -Enamino Ester Reduction Diastereoselectivity

**445 Efficient Preparation of Medium Ring Oxygen Heterocycles**

Atsuko Nishiguchi,\* Tomomi Ikemoto, Tatsuya Ito, Shotaro Miura, and Kiminori Tomimatsu



Medium-Ring Oxygen Heterocycle    Claisen Type Condensation    Metal Alkoxide    Dialkyl Carbonate    Orally Active CCR5 Antagonist

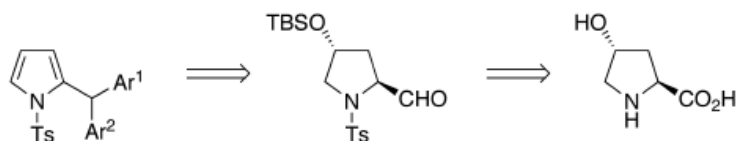
**453 Expeditious Entry to 1,5-Benzodiazepines Catalyzed by Sulfamic Acid at Room Temperature in Tap Water Suspension**

Zhenjiang Li,\* Yingjie Sun, Xinghua Ren, Yuhu Shi, and Pingkai Ouyang


 1,5-Benzodiazepine    Condensation    Ketone    *o*-Phenylenediamine    Sulfamic Acid

**459 Concise Synthesis of Diarylmethyl-1*H*-pyrroles**

Meng-Yang Chang,\* Tsun-Cheng Wu, and Ya-Jung Ko


*trans*-(2*S*,4*R*)-4-Hydroxyproline    Diarylmethyl-1*H*-pyrrole    Grignard Addition    Aromatization    Boron Trifluoride Etherate

**■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS**

- 467 Polyketides
- 481 Aromatics
- 486 Terpenes
- 490 Alkaloids
- 514 Miscellaneous