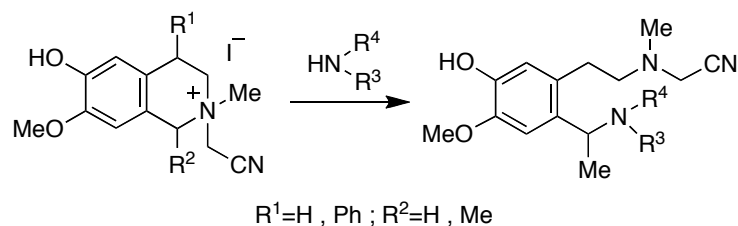


■ COMMUNICATION

2057 **A Facile Method for Conversion of Phenolic Tetrahydroisoquinolines to Benzylamines with Ring Cleavage**

Miyuki Ishizaki, Kiyoshi Nishitani, Yutaka Matsuoka, Hae Joo Lee, Mamiko Yamanaka, Naho Komatsu, Takashi Nakata, and Hiroshi Hara\*

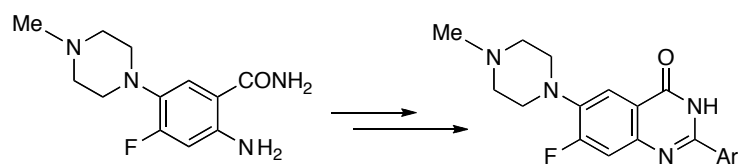


Ring Cleavage    Tetrahydroisoquinoline    Quinone Methide    Benzylamine    Amine

■ PAPERS

2061 **Synthesis and Antitumor Activity of 2-Aryl-7-fluoro-6-(4-methyl-1-piperazinyl)-4(3*H*)-quinazolinones**

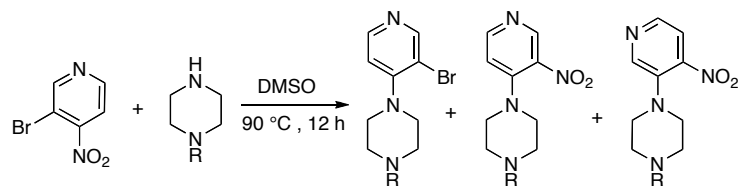
Mikdad T. Ayoub, Hani M. Aldoqum, Raid J. Abdel-Jalil, and Wolfgang Voelter\*



Quinazolinone    Quinolone Drug    Antitumor Agent    Piperazine Derivative     $CuCl_2$  as Cyclizing Agent

2071 **Nucleophilic Substitution Reaction of Amines with 3-Bromo-4-nitropyridine (and 2-Nitropyridine): A New Nitro-group Migration**

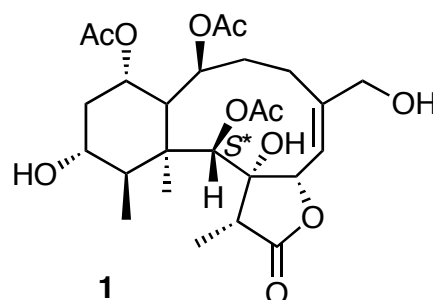
Ji Yang, Paul R. Blake, and Jiangchao Yao\*



Nitro-migration    Rearrangement    Pyridine *N*-Oxide    Nitropyridine    Deoxygenation

2083 **Briviolides, New Briarane Diterpenes from a Gorgonian *Briareum* Sp.**

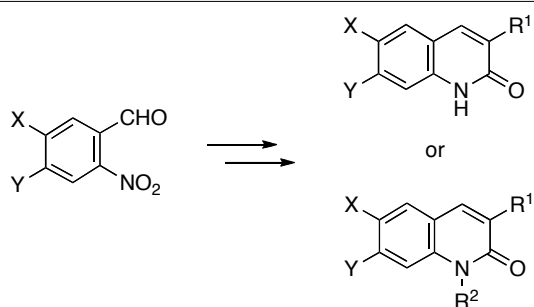
Kaoru Takemura, Motoo Shiro, Yoshiki Morimoto, Matsumi Doe, Munehiro Nakatani, Hiroaki Okamura, Kazutaka Babazono, and Tetsuo Iwagawa\*



Gorgonacea    *Briareum* Species    Briarane    Diterpene    Cytotoxic

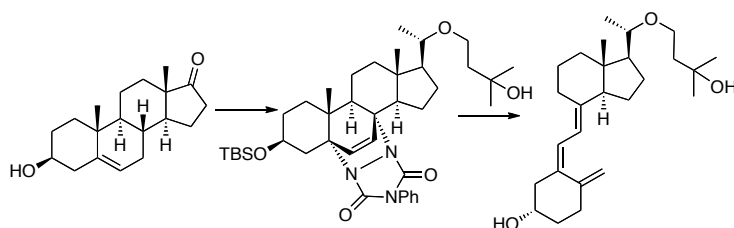
**2095 Facile Synthesis of 3-Substituted and 1,3-Disubstituted Quinolin-2(1*H*)-ones from 2-Nitrobenzaldehydes**

Jin Young Jung and Kwanghee Koh Park\*


 2-Aminobenzaldehyde    2-Carboxamidobenzaldehyde    3-Mono- and 1,3-Disubstituted Quinolin-2(1*H*)-ones

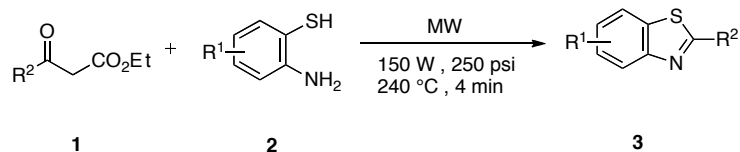
**2107 Synthesis of 1-Deoxymaxacalcitol**

Yasuo Fujimura, Tetsuhiro Mikami, Masahiro Kato, and Tsuyoshi Yamauchi\*


 Maxacalcitol    1-Deoxymaxacalcitol    Non-natural Vitamin D<sub>3</sub> Derivative    Hetero-Diels-Alder Reaction    4-Phenyl-1,2,4-triazoline-3,5-dione

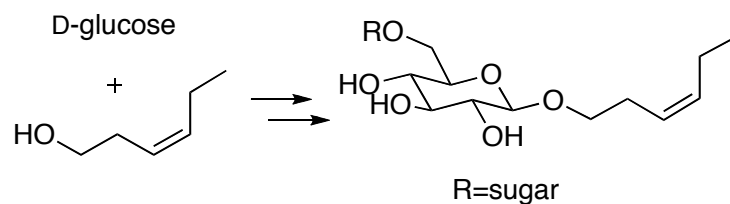
**2119 One-Pot Synthesis of 2-Aryl- and 2-Alkylbenzothiazoles under Microwave Irradiation**

Hongming Zhang, Sukanta Kamila, and Edward R. Biehl\*


 Microwave    Irradiation    Benzothiazole     $\beta$ -Keto Ester    *o*-Aminothiophenol

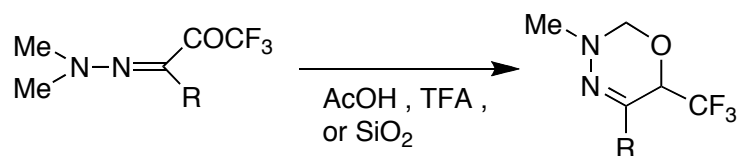
**2127 Chemoenzymatic Synthesis of Naturally Occurring (*Z*)-3-Hexenyl 6-*O*-Glycosyl- $\beta$ -D-glucopyranosides**

Yoshiteru Ida, Mikio Fujii, Masashi Kishida, and Hiroyuki Akita\*


 $\beta$ -Glycosidase    Immobilized Enzyme     $\beta$ -Glycosidation    (*Z*)-3-Hexenyl 6-*O*-Glycosyl- $\beta$ -D-glucopyranoside    Natural Product Synthesis

**2139 Acid Catalyzed Cyclization Reaction of 3-Hydrazono-1,1,1-trifluoro-2-alkanones to 6-Trifluoromethyl-3,6-dihydro-2*H*[1,3,4]oxadiazines**

Tomoko Sekiyama and Yasuhiro Kamitori\*

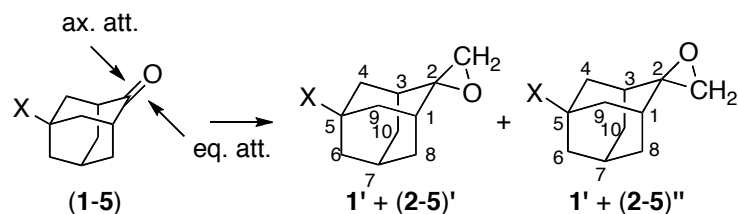


Possible mechanisms for above cyclization reaction are discussed.

Fluorine-containing Heterocycle    Mechanism    1,5-Sigmatropic Shift    Hydrazone

**2151 Sulfur Ylides in Reactions with 5-X-Adamantan-2-ones. Stereochemistry and Reactivity**

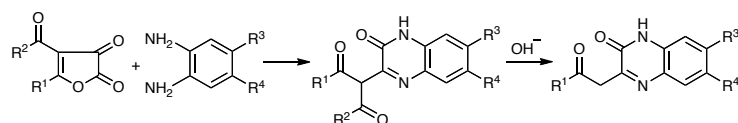
Barbara Di Credico, Giada Catanoso, and Elisabetta Vecchi\*



Epoxidation Reaction    Substituent Effect    Solvent Effect    Stereochemistry    Kinetics

**NOTES**
**2161 Reaction of Some Furan-2,3-diones with Various 1,2-Phenylenediamines**

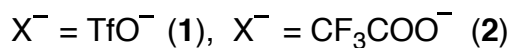
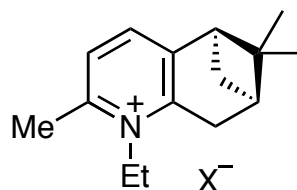
Yunus Akçamur, Tevfik Rıza Kök, Lale Göktas, İlhan Özer İlhan, Ibrahim Öncel, Ertugrul Gazi Sağlam, and Emin Sarıpınar\*



Cyclic Oxalyl Compound    Furan-2,3-dione    1,2-Phenylenediamine    Quinoxaline Derivative    Ketone Cleavage

**2169 Pinene-fused Chiral *M*-Ethylpyridinium Room Temperature Molten Salts**

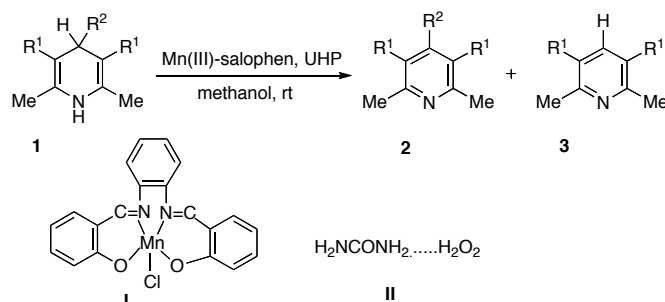
Juraj Sevcík, Gaël Charles Labat, Dusan Drahonovsky, and Alex von Zelewsky\*



Chiral Ionic Liquid    Pyridinium Salt    Solventless NMR Spectrum    Asymmetric Synthesis    Crystal Structure

**2181 Catalytic Aromatization of Hantzsch 1,4-Dihydropyridines by Bis(salicylaldehyde-1,2-phenylenediimine) Mn(III) Chloride Using Urea Hydrogen Peroxide as Mild and Efficient Oxidant**

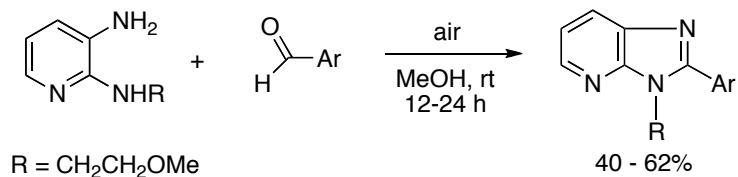
Masoud Nasr-Esfahani, Morteza Montazerzohori, and Bahador Karami\*



Pyridine Derivative    Schiff Base    Oxo Intermediate    1,4-Dihydropyridine    Aromatization

**2189 Preparation of 1-Alkyl-2-aryl-1*H*-imidazo[4,5-*b*]pyridines from 2-Alkylamino-3-aminopyridines and Aromatic Aldehydes Using Air as an Oxidant**

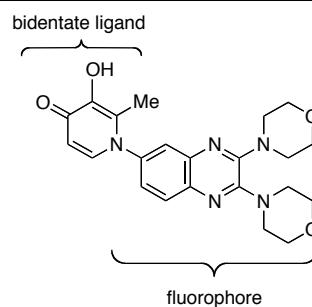
Dmitry V. Kravchenko, Tatiana Y. Bondarenko, Vladimir V. Kobak, and Mikhail Krasavin\*



Aromatization    Schiff Base    Green Chemistry    Nitrogen Heterocycle    Air Oxidation

**2195 Synthesis of New 3-Hydroxy-4(1*H*)-pyridinone Directly Attached to Quinoxaline and Its Fluorescence Property upon Complexation to Metal Ions**

Ryota Saito, Kenichi Ogino, and Akira Katoh\*

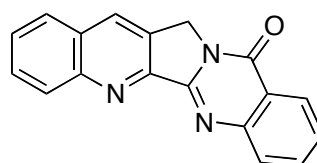


3-Hydroxy-4(1*H*)-pyridinone    Quinoxaline    Fe(III) Complex    Fluorescence Quenching    Desferrioxamine B

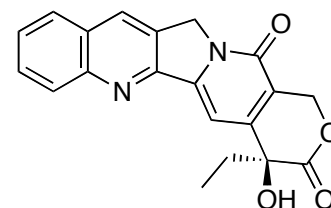
■ REVIEWS

**2203 Luotonin A: A Lead toward Anti-Cancer Agent Development**

Taro Nomura, Zhongze Ma, and Yoshio Hano\*



luotonin A

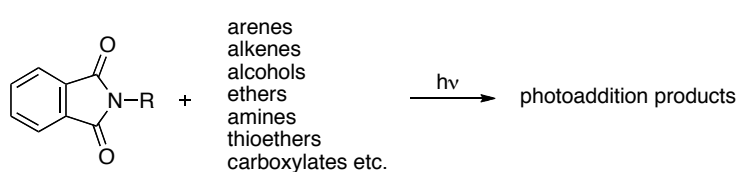


camptothecin

Luotonin A    Alkaloid    Anti-cancer Agent    Camptothecin    14-Azacamptothecin

**2221 Photochemical Addition Reactions Involving Phthalimides**

Dong Jin Yoo, Gerard McDermott, Michael Oelgemöller,\* and Gerard McDermott



Phthalimide    Photochemistry    Photoaddition

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

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- 2259 Polyketides
  - 2276 Aromatics
  - 2287 Terpenes
  - 2294 Alkaloids
  - 2315 Miscellaneous
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■ ANNAOUNCEMENT

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- 2319 Book Review
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