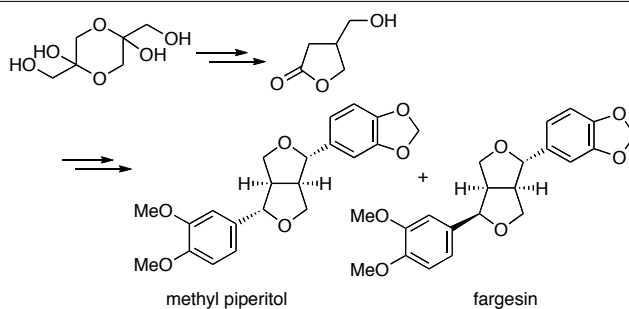


## ■ COMMUNICATIONS

**519 A New Synthetic Entry to Furofuranoid Lignans, Methyl Piperitol and Fargesin**

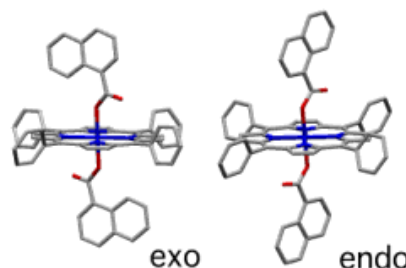
Kunihiro Takabe, Daisuke Matsuura, Yuji Suzuki, and Hidemi Yoda\*



Furofuran Lignan    Methyl Piperitol    Fargesin    Monoterpene Lactone    Nucleophilic Addition

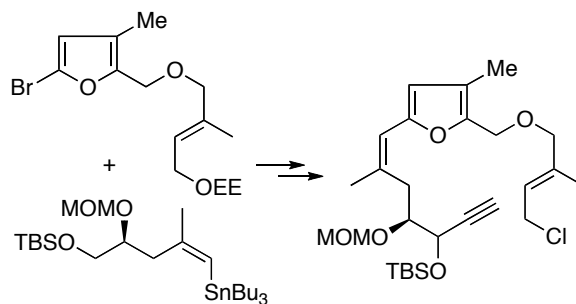
**523 Conformational Analysis of Dinaphthalene-1-carboxylate Complex of Sn<sup>IV</sup>(tetraphenylporphyrin)**

Hajime Iwamoto and Yoshimasa Fukazawa\*


 Conformational Analysis    Chemical Shift Simulation    Dinaphthalene-1-carboxylate Complex of Sn<sup>IV</sup>(tetraphenylporphyrin)

**531 Studies toward the Synthesis of Furanocembrane Bipinnatin J: Synthesis of a 2,3,5-Trisubstituted Furfuryl Ether Intermediate**

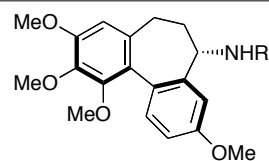
Toshio Honda, Ken Sakata, Kazunori Takahashi, and Masayoshi Tsubuki\*


 Bipinnatin J    Furfuryl Ether    Stille Coupling    S<sub>N</sub>2' Substitution     $\gamma$ -Butenolide

## ■ PAPERS

**541 Antitumor Agents 238. Anti-tubulin and *in vitro* Cytotoxic Effects of *M*-Substituted Alcolchicinoids**

Shunsaku Ohta, Arnold Brossi, Kenneth F. Bastow, Chin-Chung Wu, Ernest Hamel, M. Katherine Jung, Kyoko Nakagawa-Goto, and Kuo-Hsiung Lee\*

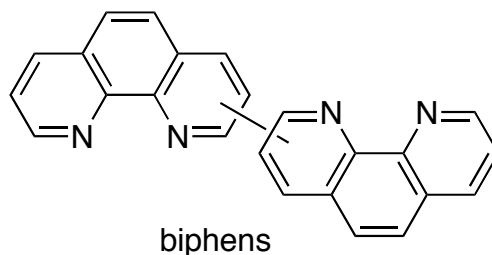


<b>4:</b> R = COMe	<b>8:</b> R = Me
<b>6:</b> R = CO <sub>2</sub> Et	<b>9:</b> R = Et
<b>7:</b> R = COEt	<b>10:</b> R = Pr
	<b>8a:</b> R = Me ·HCl
	<b>9a:</b> R = Et ·HCl
	<b>10a:</b> R = Pr ·HCl

Colchicinol Methyl Ether    Colchicinoid    Anticancer Agent    Tubulin Polymerization    Colchicine

**551 Syntheses, Spectroscopic Properties, and Cu(I) Complexes of All Possible Symmetric Bi-1,10-phenanthrolines**

Takumi Umetani, Keiko Kaneko, Akito Goto, and Shinji Toyota\*

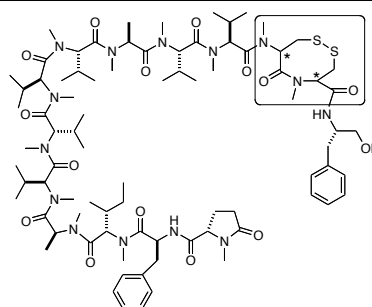


2,2', 3,3', 4,4', and 5,5'-

Bi-1,10-phenanthroline    Ni-Catalyzed Coupling    Electronic Spectra    Metal Complex    Molecular Structure

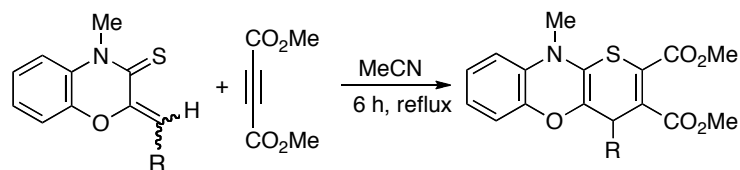
**563 Absolute Stereo-structure of Kendarimide A, a Novel MDR Modulator, from a Marine Sponge**

Shunji Aoki, Liwei Cao, Naoyuki Kotoku, and Motomasa Kobayashi\*


 Kendarimide A    Multidrug Resistance    *N*-Methylcysteine    Eight-membered Disulfide Ring

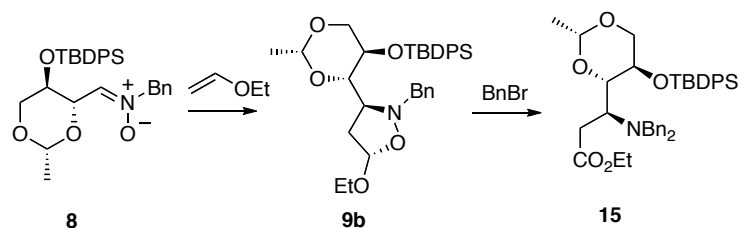
**579 Synthesis of 2-Substituted Thiopyrano[3,2-*b*][1,4]-benzoxazine-2,3-dicarboxylic Acid Dimethyl Esters**

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


 Cycloaddition    4-Methyl-4*H*-benzo[1,4]dioxazin-3-one and 3-thione    Diels-Alder Reaction

**591 Nitron 1,3-Dipolar Cycloadditions to Enol Ethers Catalyzed by Lewis Acids. An Access to  $\beta$ -Amino Acids**

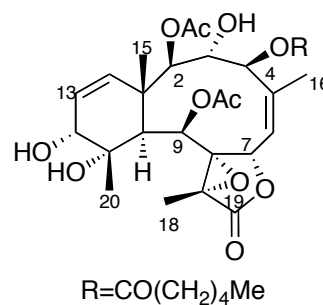
Nada Prónayová, Tomás Wiesenganger, Christian Hametner, Branislav Dugovic, and Lubor Fiserá\*



Stereoselectivity    Isoxazolidine    Chiral    Regioselectivity

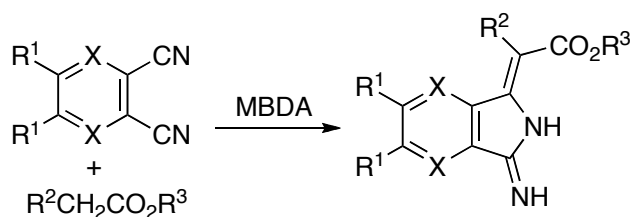
**607 Briarane Diterpenes from a Gorgonian *Briareum* Sp.**

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


 Gorgonacea    *Briareum* Species    Briarane    Diterpene    Cytotoxic

**619 Synthesis of 2-(3-Iminoisoindolin-1-ylidene)carboxylate Derivatives by Reactions of Ester Magnesium Enolates with Phthalonitrile Derivatives**

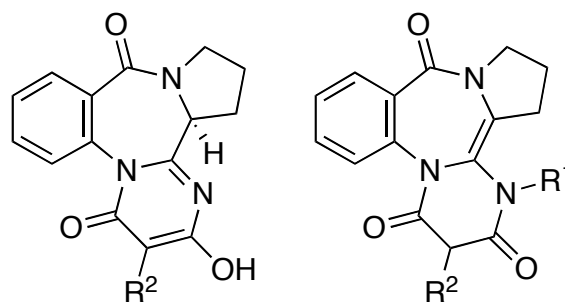
Hisatoshi Konishi, Osamu Morikawa, Shizuka Kondo, Kiyoto Honma, and Kazuhiro Kobayashi\*


 $R^1 = \text{H, benzo, F, Cl}; R^2 = \text{H, Me, Ph}$   
 $R^3 = \text{Et, } t\text{-Bu}; X = \text{CH, CF, N}$ 

Imine    Isoindoline    Magnesium Enolate    Magnesium Amide    Phthalonitrile

**625 Syntheses and Tautomerisations of Amino-substituted and Pyrimidine-annulated Pyrrolobenzodiazepines**

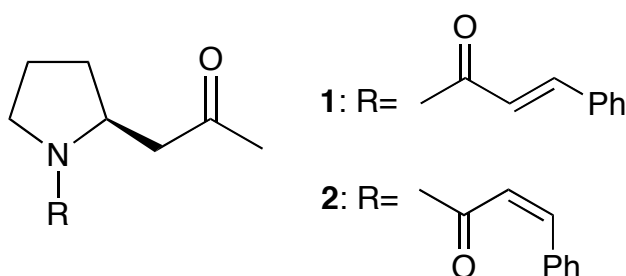
Martin Nieger, Abbas Gholipour Shilabin, and Andreas Schmidt\*



Tautomerism    NMR Spectrum    X-Ray Analysis    Helicity    Mesomeric Betaine

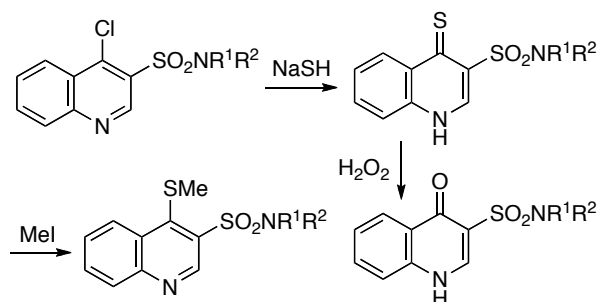
**NOTES**
**633 Two New Alkaloids from *Dendrobium chrysanthum***

Luoshan Xu, Zhengtao Wang, Mian Zhang, Hong Yang, Chaofeng Zhang, Li Yang, and Zheng-Tao Wang\*


 Orchidaceae    *Dendrobium chrysanthum*    Alkaloid    *trans*-Dendrochrysanine    *cis*-Dendrochrysanine

**637 A Synthesis and Reactivity of 1,4-Dihydro-4-thioxo-3-quinolinesulfonamides**

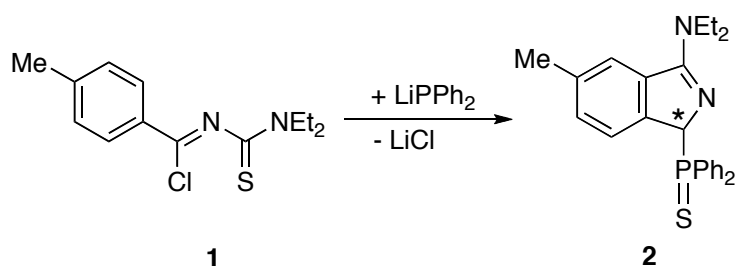
Leszek Skrzypek\*



4-Quinolinothione    4-Quinolinone    4-Methylthioquinoline    Oxidation

**643 A Phosphino-substituted Isoindole Obtained by Cyclization of a Thiourea Derivative**

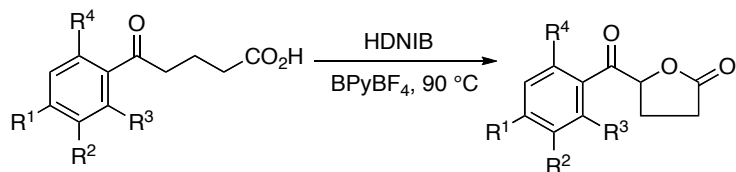
Asunción Muñoz, José V. Cuevas, Elva Cueva-Talledo, Arancha Carbayo, Jorge R. Angulo-Cornejo, and Gabriel García-Herbosa\*



Thiourea    Chiral    Isoindole    Phosphorous    Cyclization

**649 Hypervalent Iodine(III) Sulfonate Mediated Synthesis of 5-Benzoyldihydro-2(3*H*)-furanone in Ionic Solvent**

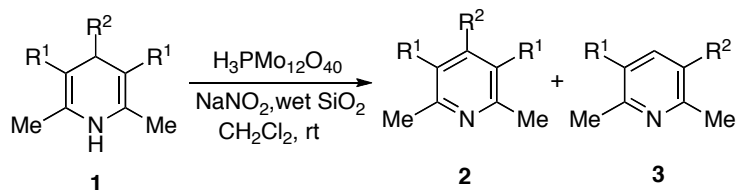
Yu-Chien Lin, Huey-Min Wang, Rei-Sheu Hou, and Ling-Ching Chen\*



Ionic Liquid Solvent    Lactonisation    5-Benzoyldihydro-2(3*H*)-furanone

**657 Molybdato-phosphoric Acid/ $\text{NaNO}_2$ /Wet  $\text{SiO}_2$  as an Efficient System for Oxidation of 1,4-Dihydropyridines under Mild and Heterogeneous Conditions**

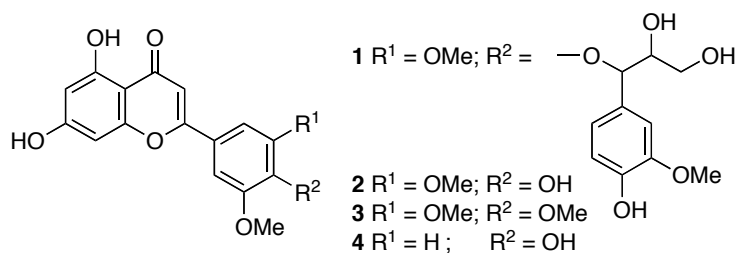
Iraj Mohammadpoor-Baltork, Seyed Mehdi Razavian, Mohammah Ali Zolfigol, and Khodabakhsh Niknam\*



Molybdato-phosphoric Acid    Oxidation    1,4-Dihydropyridine    Pyridine    Sodium Nitrite

**661 A New Flavone from *Lycopodium japonicum***

Xianming Zhang, Lirong Sun, Jian Yan, and Minghua Qiu\*

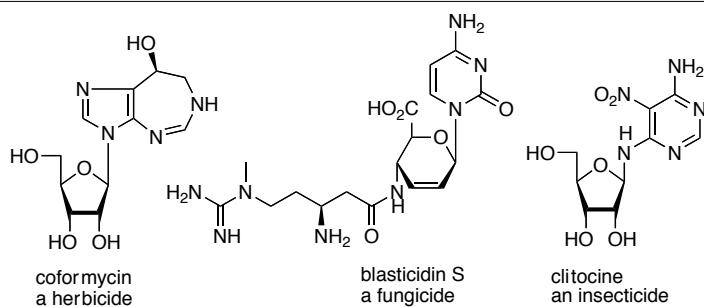


Flavone    Lycopodone    Tricin    Tricetin 3',4',5'-OMe    5,7,4'-Trihydroxy-3'-methoxyflavone

■ REVIEWS

667 Nucleoside Chemistry in Crop Protection

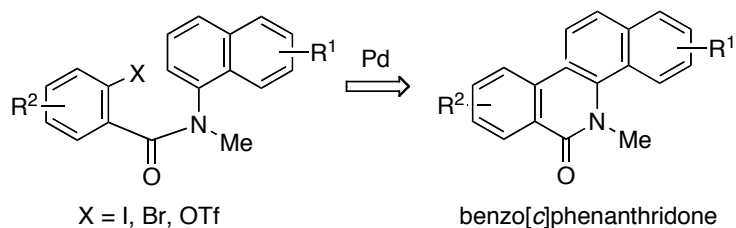
Clemens Lamberth\*



Nucleoside    Herbicide    Fungicide    Insecticide

697 Synthesis of Benzo[*c*]phenanthridine Alkaloids Using a Palladium-catalyzed Aryl-Aryl Coupling Reaction

Takashi Harayama\*



Benzo[*c*]phenanthridone    Biaryl Coupling    Palladium    2-Halo-*N*-naphthylbenzamide    2-Triflyloxy-*N*-naphthylbenzamide

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 715 Polyketides
- 727 Aromatics
- 732 Terpenes
- 735 Alkaloids
- 754 Miscellaneous