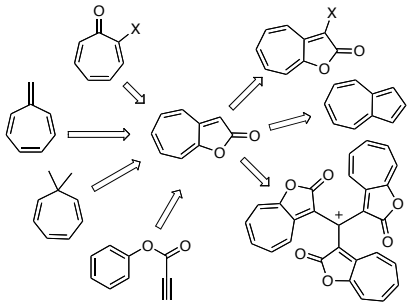
■ REVIEW

1917 **The Chemistry of 2*H*-Cyclohepta[*b*]furan-2-one: Synthesis, Transformation and Spectral Properties**

Noboru Morita,* Kozo Toyota, and Shunji Ito

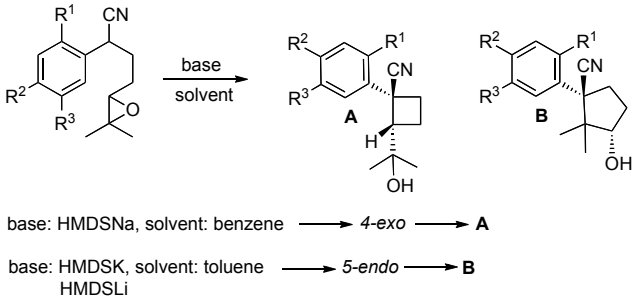


2H-Cyclohepta[*b*]furan-2-one Tropone Dichloroketene 8-Oxoheptafulvene Cycloaddition

■ PAPERS

1955 **Regio and Stereo Selectivity on the α-Aryl-δ-epoxynitrile Anionic Cyclization Reactions: Modulation towards a 5-Endo or 4-Exo Process**

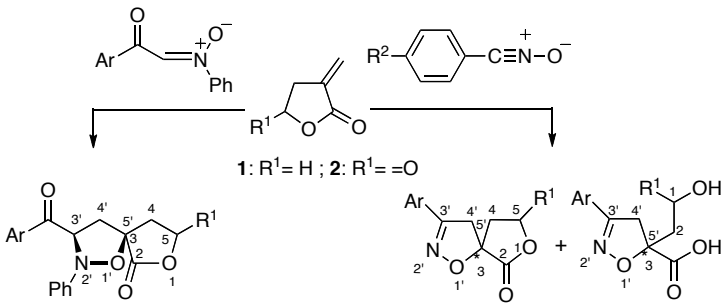
Jesús Armando Luján-Montelongo, Adrián Vázquez-Sánchez, and José Gustavo Ávila-Zárraga*



Epoxynitrile Cyclization Regioselectivity Stereoselectivity Cuparene

1977 **Reactivity of Arylnitrile Oxides and *C*-Aroyl-*N*-phenylnitrones with 3-Methylenedihydro-(3*H*)-furan-2-one and Itaconic Anhydride**

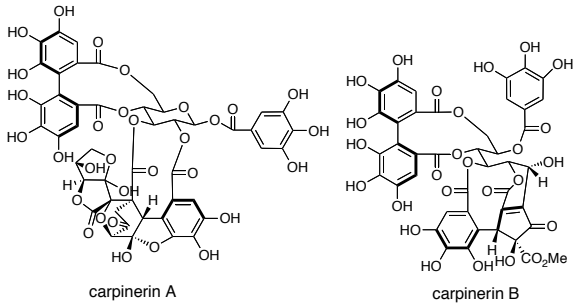
Christophe Roussel, Kabula Ciamala,* Joël Vebrel, and Claude Riche



Cycloaddition 3-Methylene-3(*H*)-furan-2-one Arylnitrile Oxide *C*-Aroyl-*N*-phenylnitrone Regioselective

1993 **Two New Hydrolyzable Tannins, Carpinerins A and B, from Galls of *Carpinus tschonoskii***

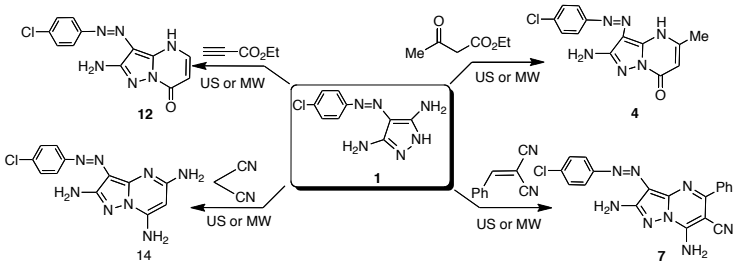
Takako Ono and Hideyuki Shigemori*



Carpinus tschonoskii Gall Hydrolyzable Tannin Carpinerin A Carpinerin B

2003 **Synthesis of Fused Pyrazolo[1,5-*a*]pyrimidine Derivatives under Microwave Irradiation and Ultrasound, as Ecofriendly Energy Sources**

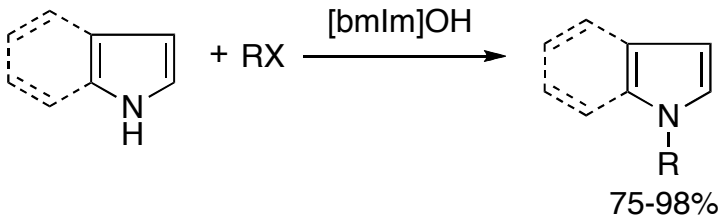
Khadijah M. Al-Zaydi*



Ecofriendly Energy Source Green Chemistry Microwave Irradiation Ultrasound Irradiation Pyrazolo[1,5-*a*]pyrimidine

2013 **A Simple *N*-Substitution of Pyrrole and Indole Using Basic Ionic Liquid [Bmlm][OH] as Catalyst and Green Solvent**

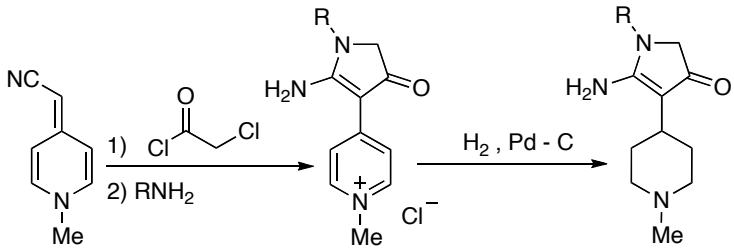
Zhang-Gao Le,* Tao Zhong, Zong-Bo Xie, and Jian-Ping Xu



Pyrrole Indole Basic Ionic Liquid Alkylation

2021 **Preparation of 5-Amino-1,2-dihydro-4-(1-methyl-4-piperidinyl)pyrrol-3-ones**

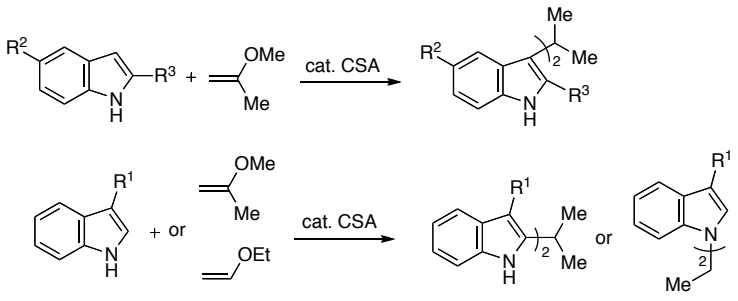
Bohdan A. Chalyk, Anton V. Tverdokhlebov,*
Rustam T. Iminov, and Andrey A. Tolmachev



Hydrogenation Nitrile Piperidine Pyridine Pyrrole

2033 **Synthesis of Bis(indolyl)methane Derivatives by Acid-Catalyzed Reactions of Indoles with Vinyl Ethers**

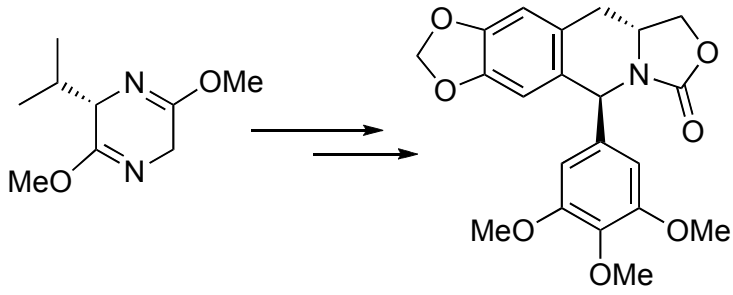
Kazuhiro Kobayashi,* Yuu Shirai, and Hisatoshi Konishi



Bis(indolyl)methane Indole Vinyl Ether (±)-Camphor-10-sulfonic Acid 1-Alkoxyalkylation

2041 **Synthesis of Aryltetralin Type 2-Azalignans Using Schöllkopf's Bislactim-Ether Methodology**

Yoshihide Usami,* Masao Arimoto,* Kiyomi Kobayashi,
Mikiko Honjou, Masako Yamanaka, Misaki Miyao,
Hayato Ichikawa, Kenneth F. Bastow, and Kuo-Hsiung Lee

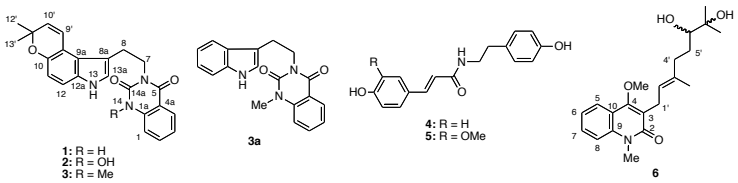


2-Azalignan Synthesis Schöllkopf's Bislactim-Ether Analogue Cytotoxicity

■ NOTES

2053 **New Alkaloids from *Conchocarpus gaudichaudianus***

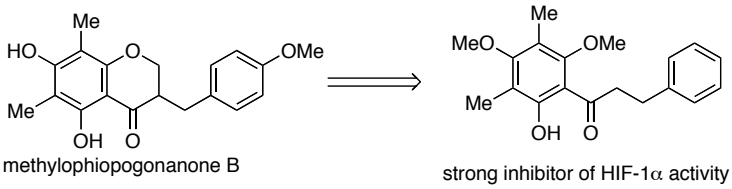
Lucia E. Ranieri Cortez, Diógenes A. Garcia Cortez,*
João B. Fernandes, Paulo C. Vieira, Antonio G. Ferreira,
and M. Fátima das G. F. da Silva



Conchocarpus gaudichaudianus Three Indoloquinazolone Alkaloids One Quinolone Alkaloid

2061 **Dihydrochalcone Designed from Methylophiopogonanone B Strongly Inhibits Hypoxia-inducible Factor (HIF)-1α Activity**

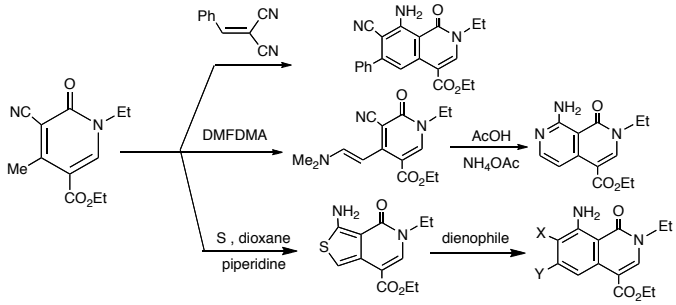
Mikio Fujii,* Kiyoshi Egawa, Yasuaki Hirai, Masato Kondo,
Kotaro Fujii, Hidehiro Uekusa, Hiroyuki Akita, Kiyoshi Nose,
Kazuo Toriizuka, and Yoshiteru Ida



Methylophiopogonanone B Dihydrochalcone Homoisoflavanone HIF-1α Angiogenesis

2067 **Alkylheteroaromatic-carbonitriles as Building Blocks in Heterocyclic Synthesis: Synthesis of Ethyl 1-Substituted 5-Cyano-4-methyl-6-oxopyridine-3-carboxylates; Versatile Precursors for Polyfunctionally Substituted Isoquinolines and Pyrido[3,4-*c*]pyridine**

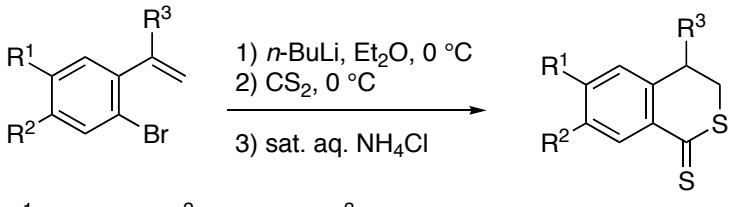
Khaled D. Khalil, Hamad M. Al-Matar,* and
Mohamed H. Elnagdi



Pyridone Thienopyridine Enamine Isoquinoline Benzylidenemalononitrile

2077 **One-Pot Synthesis of 4-Substituted Isothiochroman-1-thiones from α-Substituted 2-Bromostyrenes and Carbon Disulfide**

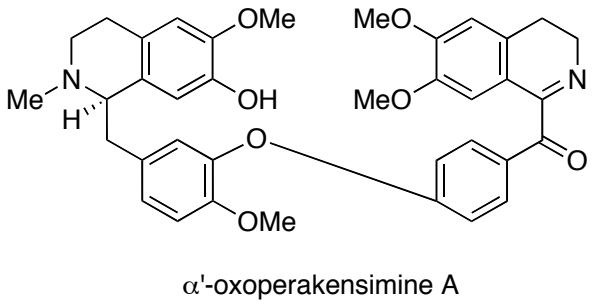
Shuhei Fukamachi, Miyuki Tanmatsu, Hisatoshi Konishi, and
Kazuhiro Kobayashi*



Isothiochromane-1-thione 2-Lithiostyrene Carbon Disulfide Dithiobenzoate One-Pot Synthesis

2085 **α'-Oxoperakensimines A - C, New Bisbenzylisoquinoline Alkaloids from *Alseodaphne perakensis* (Gamble) Kosterm**

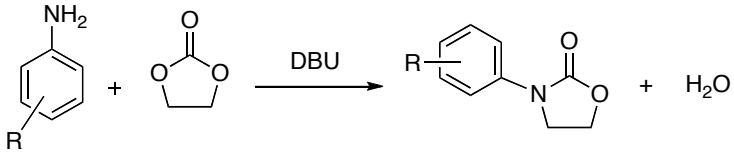
Mat Ropi Mukhtar, Mohd Azlan Nafiah, Khalijah Awang,
Noel F. Thomas, Kazumasa Zaima, Hiroshi Morita,
Marc Litaudon, and A. Hamid A. Hadi*



α′-Oxoperakensimines A – C Bisbenzylisoquinoline *Alseodaphne perakensis* Vasorelaxant Activity

2093 **A Convenient Method for the Synthesis of 2-Oxazolidinones from Ethylene Carbonate and Primary Aryl Amines**

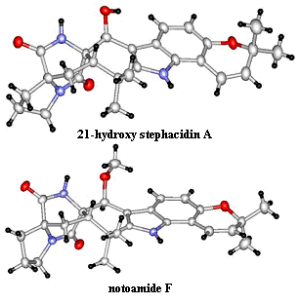
Hang Gong and Nian-fa Yang*



Synthesis 2-Oxazolidinone Ethylene Carbonate DBU

2101 **X-Ray Structure of Two Stephacidins, Heptacyclic Alkaloids from the Marine-Derived Fungus *Aspergillus ostianus***

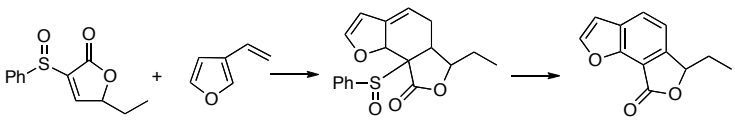
Keijiro Kito, Ryuhei Ookura, Takenori Kusumi, Michio Namikoshi, and Takashi Ooi*



Aspergillus ostianus Stephacidin X-Ray Marine Fungus

2107 **First Synthesis of Racemic Concentricolide, an Anti-HIV-1 Agent Isolated from the Fungus *Daldinia concentrica***

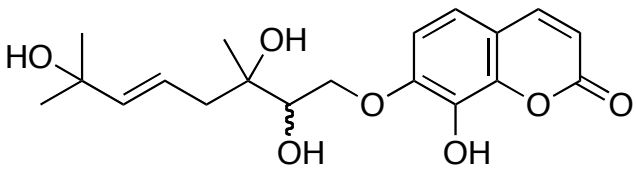
Li-Zhen Fang and Ji-Kai Liu*



Concentricolide Synthesis *Daldinia concentrica* Ascomycete Anti-HIV-1 Agent

2115 **A New Coumarin from *Clausena excavata***

Surat Laphookhieo,* Tawanan Sripisut, Uma Prawat, and Chatchanok Karalai



micromicoumarin (**1**)

Clausena excavata Rutaceae Coumarin Clausenaexcavin

■ NEW HETEROCYCLIC NATURAL PRODUCTS

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

Contributors To This Issue