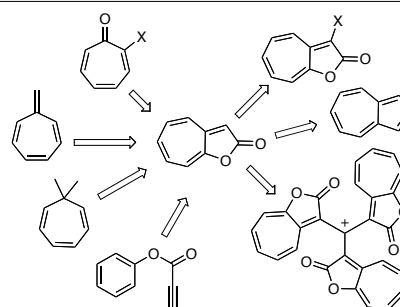


■ REVIEW

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

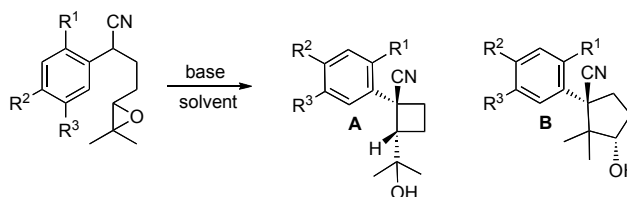
Noboru Morita,* Kozo Toyota, and Shunji Ito


 2*H*-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*

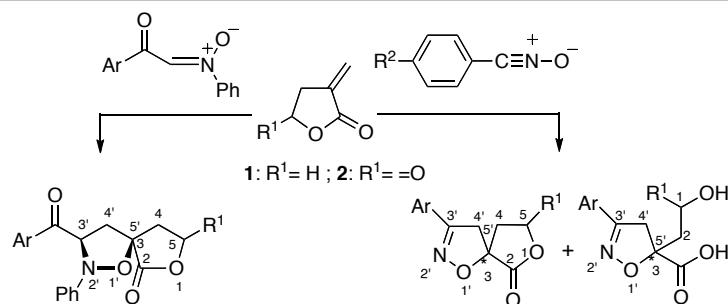

 base: HMDSNa, solvent: benzene \longrightarrow 4-*exo* \longrightarrow A

 base: HMDSK, solvent: toluene \longrightarrow 5-*endo* \longrightarrow B
 HMDSL_i

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

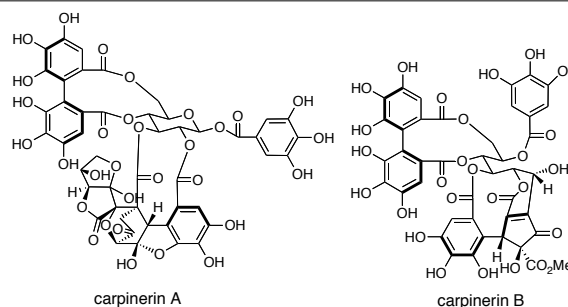
Christophe Roussel, Kabula Ciamala,* Joël Vebrel, and Claude Riche


 1: R¹ = H ; 2: R¹ = =O

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

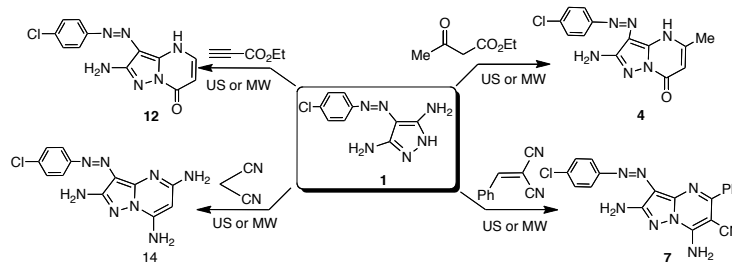
 1993 Two New Hydrolyzable Tannins, Carpinerins A and B, from Galls of *Carpinus tschonoskii*

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

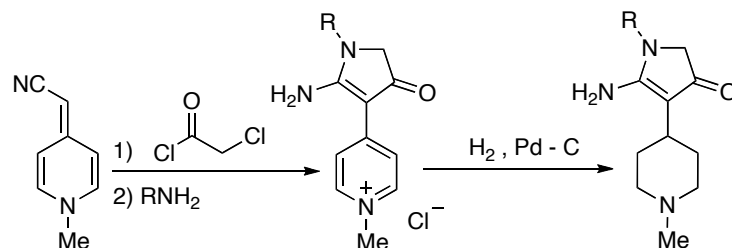
2013 A Simple *N*-Substitution of Pyrrole and Indole Using Basic Ionic Liquid [bmim][OH] as Catalyst and Green Solvent

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



Pyrrole Indole Basic Ionic Liquid Alkylation

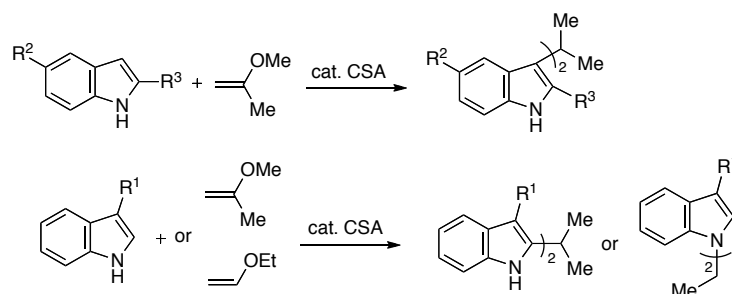
2021 Preparation of 5-Amino-1,2-dihydro-4-(1-methyl-4-piperidinyl)pyrrol-3-ones

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


Hydrogenation Nitrile Piperidine Pyridine Pyrrole

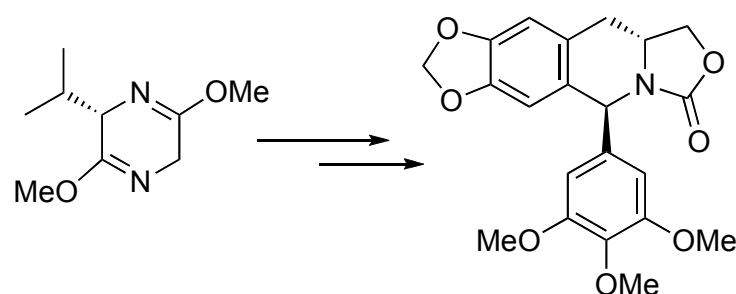
2033 Synthesis of Bis(indolyl)methane Derivatives by Acid-Catalyzed Reactions of Indoles with Vinyl Ethers

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

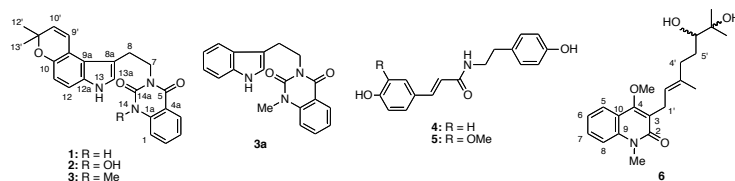
 Yoshihide Usami,* Masao Arimoto,* Kiyomi Kobayashi,
Mikiko Honjou, Masako Yamanaka, Misaki Miyao,
Hayato Ichikawa, Kenneth F. Bastow, and Kuo-Hsiung Lee


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

■ NOTES

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

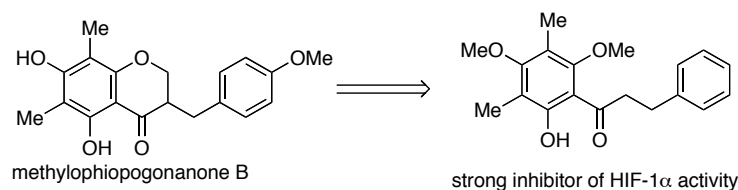
Lucia E. Ranieri Cortez, Diógenes A. Garcia Cortez,*
João B. Fernandes, Paulo C. Vieira, Antonio G. Ferreira,
and M. Fátima das G. F. da Silva



Conchocarpus gaudichaudianus Three Indoloquinazolone Alkaloids One Quinolone Alkaloid

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

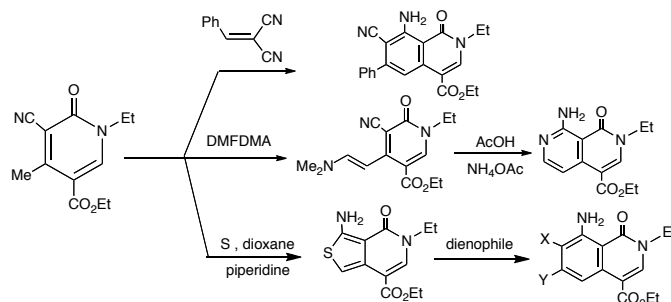
Mikio Fujii,* Kiyoshi Egawa, Yasuaki Hirai, Masato Kondo,
Kotaro Fujii, Hidehiro Uekusa, Hiroyuki Akita, Kiyoshi Nose,
Kazuo Torizuka, and Yoshiteru Ida



Methyllophiopegonanone B Dihydrochalcone Homoisoflavanone HIF-1 α 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**

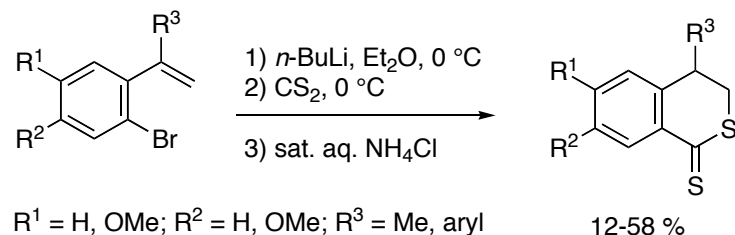
Khaled D. Khalil, Hamad M. Al-Matar,* and
Mohamed H. Elnagdi



Pyridone Thienopyridine Enamine Isoquinoline Benzylidenemalononitrile

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

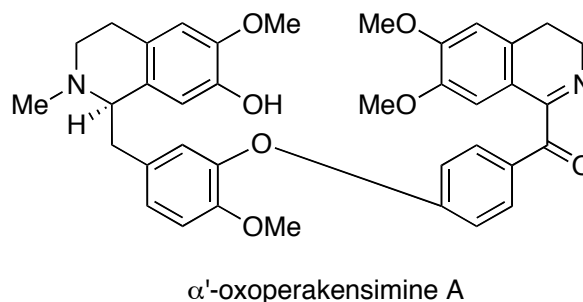
Shuhei Fukamachi, Miyuki Tanmatsu, Hisatoshi Konishi, and
Kazuhiro Kobayashi*



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

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

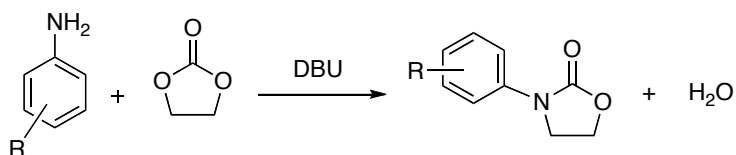
Mat Ropi Mukhtar, Mohd Azlan Nafiah, Khalijah Awang,
Noel F. Thomas, Kazumasa Zaima, Hiroshi Morita,
Marc Litaudon, and A. Hamid A. Hadi*



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**

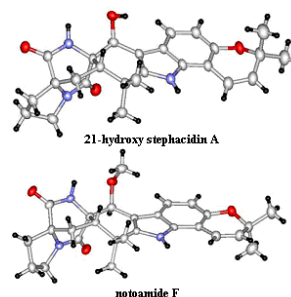
Hang Gong and Nian-fa Yang*



Synthesis 2-Oxazolidinone Ethylene Carbonate DBU

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

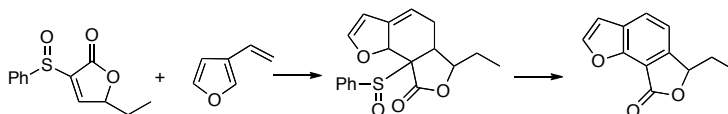
Keijiyo Kito, Ryuhei Ookura, Takenori Kusumi, Michio Namikoshi, and Takashi Ooi*



Aspergillus ostianus Stephacidin X-Ray Marine Fungus

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

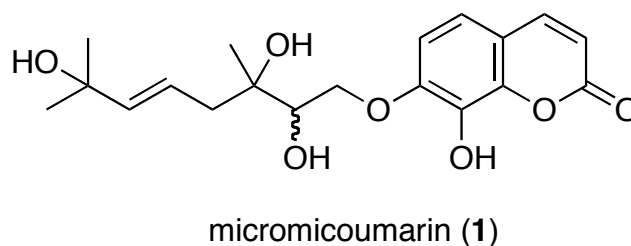
Li-Zhen Fang and Ji-Kai Liu*



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

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

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



Clausena excavata Rutaceae Coumarin Clausenaexcavin

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2121 Polyketides
 - 2128 Aromatics
 - 2147 Terpenes
 - 2160 Steroids
 - 2162 Alkaloids
 - 2171 Miscellaneous
-

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2175 Polyketides
 - 2179 Aromatics
 - 2180 Terpenes
 - 2181 Steroids
 - 2182 Alkaloids
 - 2190 Miscellaneous
-

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- 2061 Akita, Hiroyuki
 2067 Al-Matar, Hamad M.
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 2041 Arimoto, Masao
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 2085 Awang, Khalijah
 2041 Bastow, Kenneth F.
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 2053 Cortez, Diógenes A. Garcia
 2053 Cortez, Lucia E. Ranieri
 2053 da Silva, M. Fátima das G. F.
 2061 Egawa, Kiyoshi
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 2107 Fang, Li-Zhen
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 2115 Karalai, Chatchanok
 2067 Khalil, Khaled D.
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 2107 Liu, Ji-Kai
 1955 Luján-Montelongo, Jesús Armando
 2041 Miyao, Misaki
 2085 Morita, Hiroshi
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 2085 Mukhtar, Mat Ropi
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 2115 Sripisut, Tawanant
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 2085 Thomas, Noel F.
 2021 Tolmachev, Andrey A.
 2061 Torizuka, Kazuo
 1917 Toyota, Kozo
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 2061 Uekusa, Hidehiro
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 1955 Vázquez-Sánchez, Adrián
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 2053 Vieira, Paulo C.
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