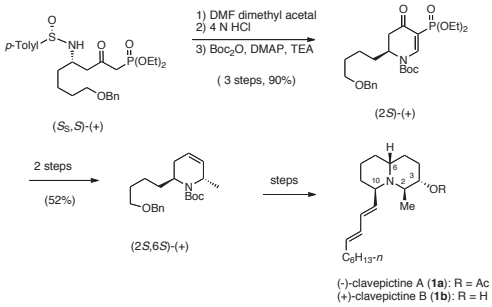
■ PAPERS

■ SHORT PAPERS

1227 **Formal Synthesis of (-)-Clavepictine A and (+)-Clavepictine B from a Sulfinimine (*N*-Sulfinylimine)-Derived Chiral Building Block**

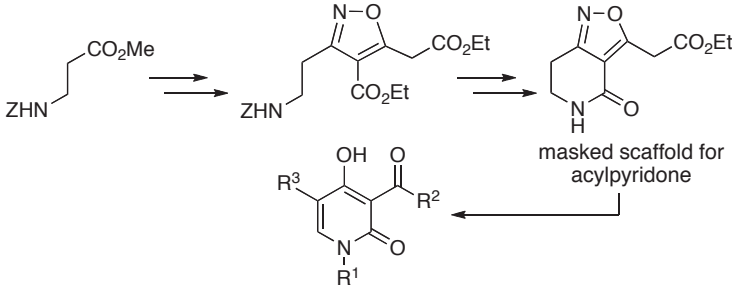
Franklin A. Davis* and He Xu



Sulfinimine (*N*-Sulfinylimine) Asymmetric Synthesis Natural Product Alkaloid 1,2,5,6-Tetrahydropiperidine

1235 **A New 3-(Ethoxycarbonylmethyl)isoxazolopyridone as a Precursor to Acylpyridones**

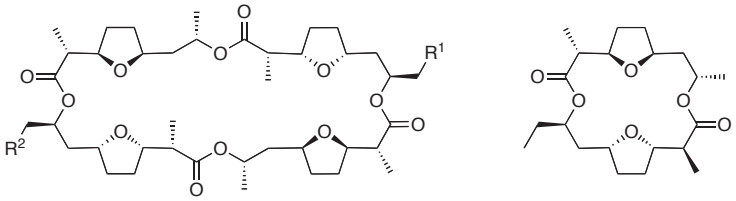
Raymond C. F. Jones,* James N. Iley, and Georgia Loizou



Acylpyridone Isoxazolopyridone Nitrile Oxide Cycloaddition Isoxazole

1245 **Nonactin and Related Compounds Found in a Screening Program for Wnt Signal Inhibitory Activity**

Yuuya Tamai, Kazufumi Toume, Midori A. Arai, Akinori Hayashida, Hikaru Kato, Yoshikazu Shizuri, Sachiko Tsukamoto, and Masami Ishibashi*



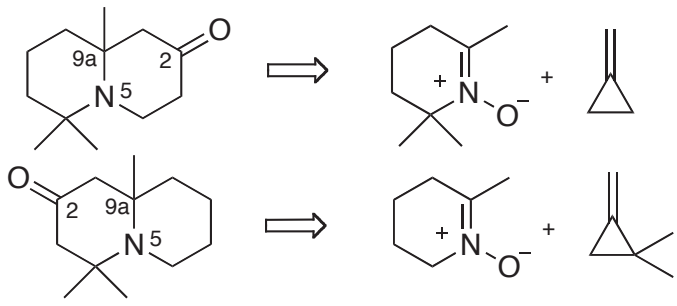
1 $R^1 = R^2 = H$
2 $R^1 = Me$; $R^2 = H$
3 $R^1 = R^2 = Me$

4

Nonactin Ionophore Wnt Luciferase

1251 **Synthesis of Octahydroquinolizinones Aza-Analogues of Terpenoid Skeletons**

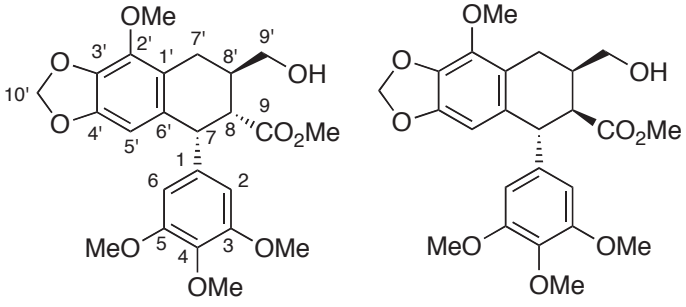
Alberto Brandi,* Franca M. Cordero, Carolina Vurchio, Massimo Lucentini, and Stefano Cicchi



1,3-Dipolar Cycloaddition Methylenecyclopropane Rearrangement Spirocyclopropaneisoxazolidine

1259 **Sabinaperins A and B, Two New Lignans from *Juniperus sabina***

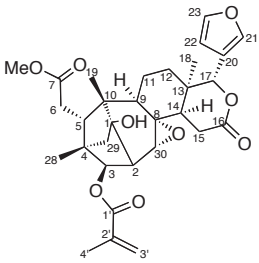
Jenis Janar, Alfarius Eko Nugroho, Yusuke Hirasawa, Bahargul Konirhan, and Hiroshi Morita*



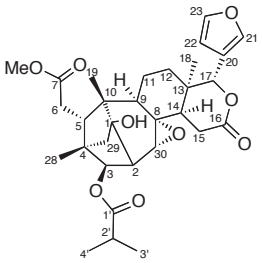
Lignan *Juniperus sabina* Sabinaperin A Sabinaperin B

1265 **Chisomicines D and E, Two New Limonoids from *Chisocheton ceramicus***

Ibrahim A. Najmuldeen, A. Hamid A. Hadi,* Khalit Mohamad, Khalijah Awang, Kamal Aziz Ketuly, Mat Ropi Mukhtar, Hairin Taha, Noraziah Nordin, Marc Litaudon, Françoise Guéritte, Alfarius Eko Nugroho, and Hiroshi Morita*



1

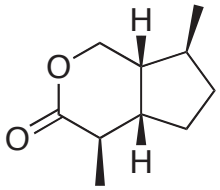


2

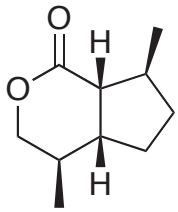
Limonoid *Chisocheton ceramicusa* Chisomicine D Chisomicine E

1271 **2nd Generation Palladium-Catalyzed Cycloalkenylation in Iridoid Synthesis: Diastereoselective Total Synthesis of Isoiridomyrmecin and Isodihydronepetalactone**

Kazutaka Takeda and Masahiro Toyota*



isoiridomyrmecin

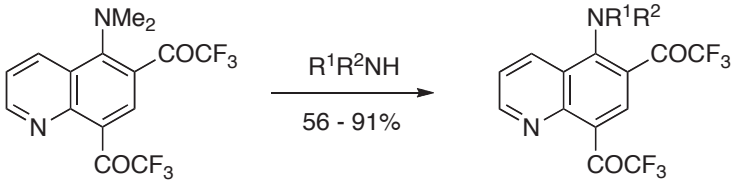


isodihydronepetalactone

Second Generation Palladium-Catalyzed Cycloalkenylation Isoiridomyrmecin Isodihydronepetalactone Iridoid Lactone Ester

1277 **A Facile and Convenient Method for the Synthesis of 6,8-Bis(trifluoroacetyl)quinolin-5-amines**

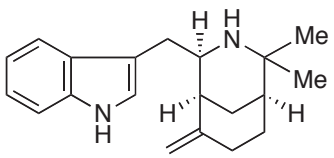
Dai Shibata, Maurice Médebielle, Mizuki Hatakenaka, and Etsuji Okada*



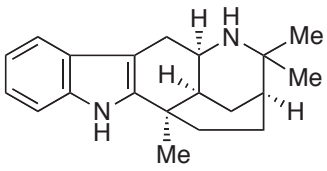
Quinolin-5-amine Fluorine-Containing Heterocycle Aromatic Nucleophilic Substitution Amine Trifluoroacetyl Group

1285 **Reinvestigation of the Classical Total Synthesis of Makomakine**

Makoto Furuya, Ayumi Nagatomo, and Masahiro Toyota*



makomakine

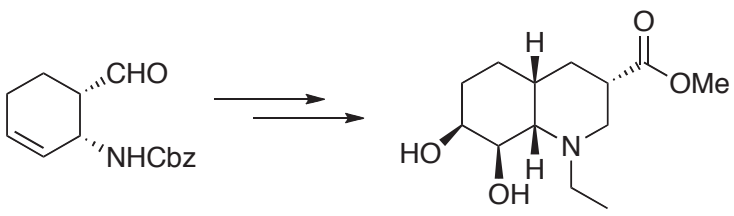


aristoteline

Makomakine Aristoteline Tandem Michael-[3,3] Sigmatropic Rearrangement

1289 **An Improved Synthesis of Functionalized *cis*-Decahydroquinolines Using a Baylis-Hillman-Type Adduct**

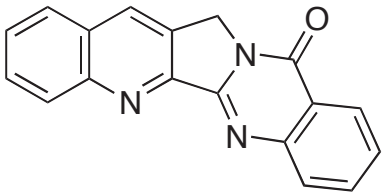
Junfeng Huang, Jeffrey Petersen, and Stephen C. Bergmeier*



Organoaluminum Decahydroquinoline Baylis-Hillman Reaction Mitsunobu Reaction Stereoselective Reaction

1301 **Practical Total Synthesis of Luotonin A by Intramolecular Double Hetero Diels-Alder Reaction**

Ken Natsuki, Tadamichi Shindo, and Masahiro Toyota*

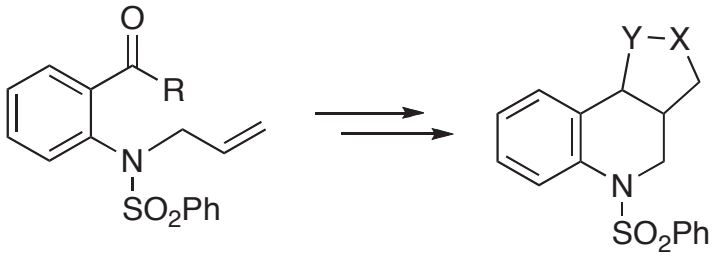


luotonin A

Luotonin A Hetero Diels-Alder Reaction Alkaloid TMSCl Triethylamine

1305 **Quinoline Fused Heterocycles from Intramolecular Cycloaddition Reactions**

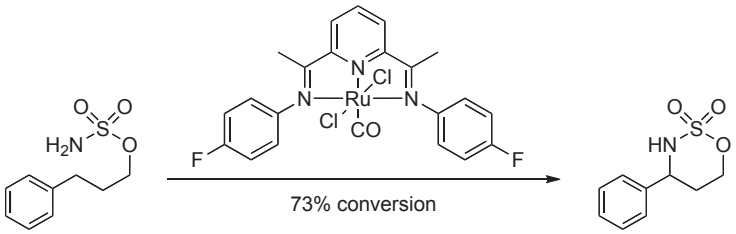
Giuseppe Cremonesi, Piero Dalla Croce,* Maddalena Gallanti, and Concetta La Rosa



Pyrroloquinoline Isoxazoloquinoline Pyrazoloquinoline 1,3-Dipolar Cycloaddition Reaction 1,3-Dipole

1313 **Synthesis of Ruthenium(II) 2,6-Bis(imino)pyridyl Complexes for C-H Amination of Sulfamate Esters**

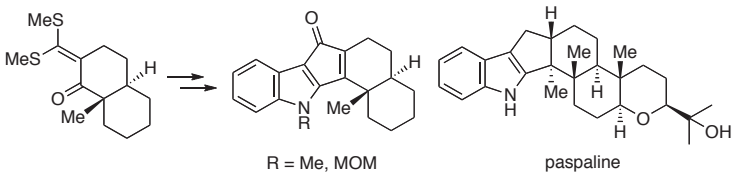
Jennifer L. Bon and Simon B. Blakey*



C-H Amination Catalysis Ruthenium Catalyst 2,6-Bis(imino)pyridyl Ligand Sulfamate Ester

1325 **Synthetic Studies on Paspaline: Lewis Acid-Mediated Sequential Construction of A-E Ring Skeleton**

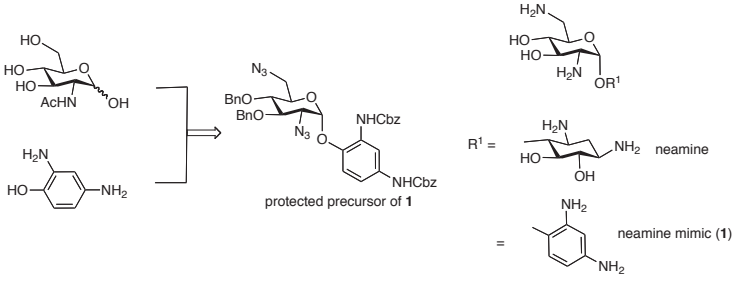
Kentaro Okano, Yu Yoshii, and Hidetoshi Tokuyama*



Alkaloid Indole Dithioacetal Sequential Reaction Electrophilic Aromatic Substitution

1335 **A Synthetic Approach to Aromatic Aminoglycoside as a Neamine Mimic**

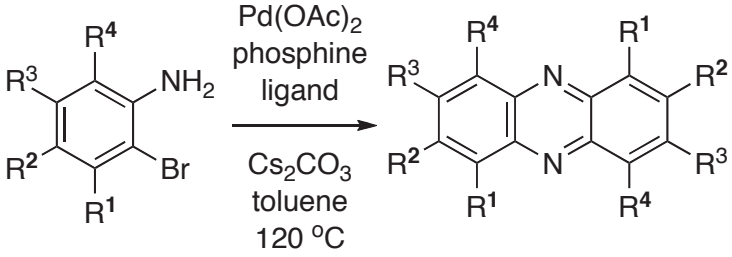
Ryo Inoue, Sho Matsuda, Yoshiki Oda, Hirofumi Ooyama, Akihiro Yoshida, Keita Hamasaki, and Takashi Yamanoi*



Neamine Mimic Aminoglycoside Aromatic Glycoside Glycosylation Antibiotic

1345 **Synthesis of Substituted Phenazines *via* Palladium-Catalyzed Aryl Ligation**

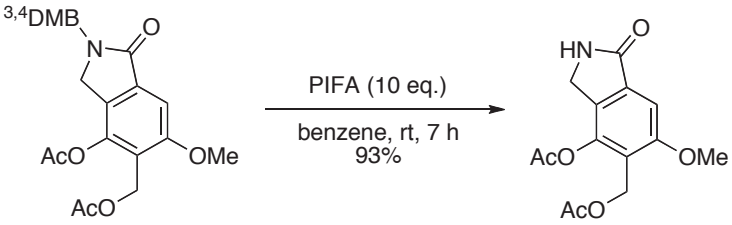
Jeffrey D. Winkler,* Barry M. Twenter, and Thomas Gendrineau



Phenazine Palladium-Catalyzed Amination Aryl Ligation Heterocycle Synthesis

1355 **Deprotection of 3,4-Dimethoxybenzyl (^{3,4}DMB) Group on γ-Lactam Nitrogen Using Phenyliodine(III) *Bis*(trifluoroacetate) (PIFA): Application to Isoindolinone Compounds**

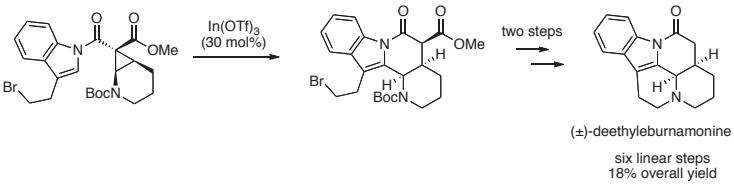
Kazuhiro Watanabe, Hiroaki Shibata, Yū Imai, and Tadashi Katoh*



Isoindolinone Phenyliodine(III) Bis(trifluoroacetate) (PIFA) 3,4-Dimethoxybenzyl (^{3,4}DMB) Group Deprotection (+)-Stachyflin

1363 **Diastereoselective Synthesis of (±)-Deethyleburnamonine Using a Catalytic Cyclopropane Ring-Opening / Friedel-Crafts Alkylation Strategy**

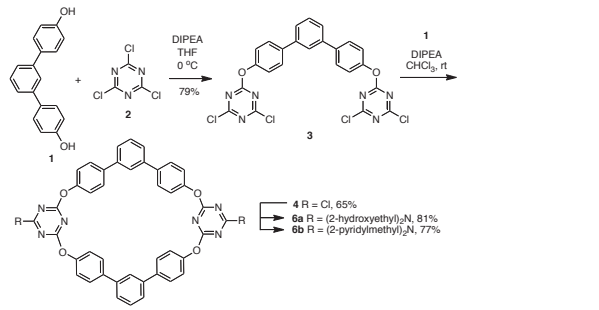
Dadasaheb V. Patil, Marchello A. Cavitt, and Stefan France*



Friedel-Crafts Reaction Alkaloid Cyclopropane Ring-Opening Reaction Donor-Acceptor Cyclopropane Tandem Reaction

1375 **Synthesis of Oxacalix[2]*m*-terphenyl[2]triazine and Its Functionalizations**

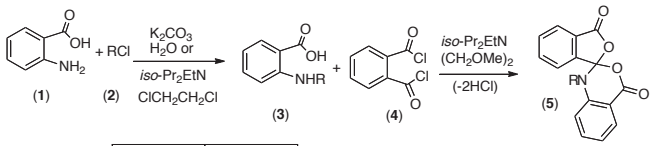
Muhammad Moazzam Naseer, De-Xian Wang, and Mei-Xiang Wang*



Oxacalixaromatic Oxacalix[2]*m*-terphenyl[2]triazine Macrocycle Supramolecular Chemistry Aromatic Nucleophilic Substitution Reaction

1383 **The Synthesis and Antimicrobial Evaluation of Some Spiro-Phthalidyl Benzoxazinones**

Caterina Ferraro, István Lengyel, and Ralph Stephani*



Compound	R
5a	Me
5b	$C_6H_5CH_2$
5c	$MeOCH_2$
5d	*p*-FC_6H_4
5e	C_6H_5

Spirophthalidyl Group Benzoxazinone Antimicrobial *N*-Substituted Anthranilic Acid Griseofulvin

■ INDEXES

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