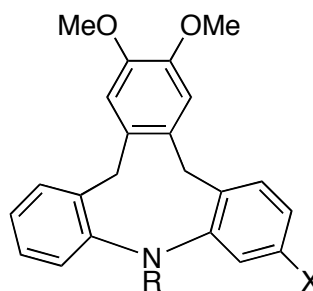


■ COMMUNICATIONS

1 **Synthetic Studies on Azacyclotribenzyles**

Kenta Hayashi, Shoko Inoue, Hanae Shimizu,
Akiko Kobayashi, Miyuki Ishizaki, Yutaka Matsuoka,
Kiyoshi Nishitani, and Hiroshi Hara*

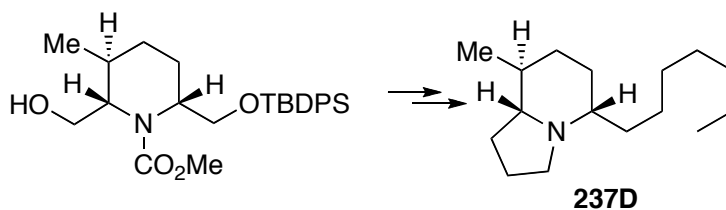


- 1 : R = H; X = H
 2 : R = H; X = Cl
 3 : R = Me; X = H
 4 : R = (CH₂)₃NMe₂; X = H
 5 : R = Me; X = Cl
 6 : R = (CH₂)₃NMe₂; X = Cl

Azacyclotribenzylene Cyclization Nine-membered Ring Orthocyclophane Conformational Analysis

5 **Enantioselective Synthesis of Poison-Frog Alkaloid 237D and Determination of Absolute Stereochemistry**

Naoki Toyooka,* Masashi Kawasaki, Hideo Nemoto,*
John W. Daly, Thomas F. Spande, and H. Martin Garraffo

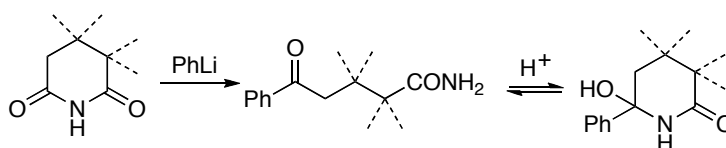


Poison-Frog Alkaloid 237D 5,8-Disubstituted Indolizidine Bohlmann Bands

■ PAPERS

9 **The Thorpe-Ingold Effect in Glutarimide Derivatives. Part II**

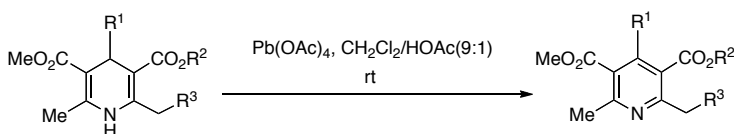
Michal Pawlowski, Jan K. Maurin, Andrzej Leniewski,
Krystyna Wojtasiewicz, and Zbigniew Czarnocki*



Imide Amide Organometallic Compound Stereoelectronic Effect Regioselectivity

23 **Mild, Selective and High-Yield Oxidation of Hantzsch 1,4-Dihydropyridines with Lead(IV) Acetate**

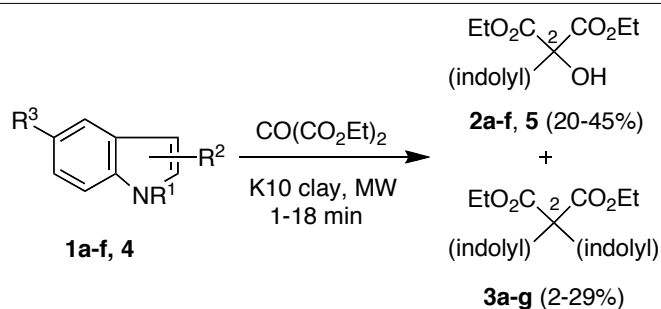
Mladen Litvić,* Ivica Cepanec, Mirela Filipan, Karmen Kos,
Anamarija Bartolinčić, Vinka Drušković, Mohamed Majed Tibi,
and Vladimir Vinković



Aromatization Pyridine Amlodipine Hydride Abstraction Enantioselectivity

37 First Isolation of Both Indolylcarbinols and Diindolylalkanes from Microwave-assisted Acid (Clay)-catalysed Reaction of Indoles with Diethyl Ketomalonate

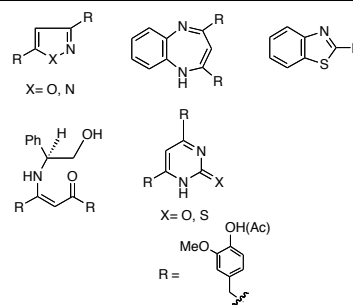
Manas Chakrabarty,* Sulakshana Karmakar, and Yoshihiro Harigaya



Indole DEKM Clay Micro Wave Indolylcarbinol

49 Synthesis and Structure of New Heterocyclic Derivatives of Curcumin

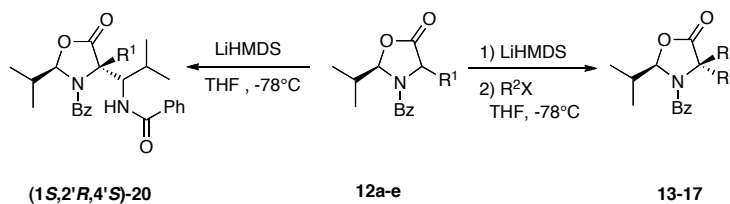
M. Concepción Lozada, Raúl G. Enríquez,* Carlos E. Lobato, Benjamín Ortíz, Manuel Soriano, Dino Gnecco, and William F. Reynolds



Curcumin Azole Pyrimidinol Benzothiazol Benzodiazepine

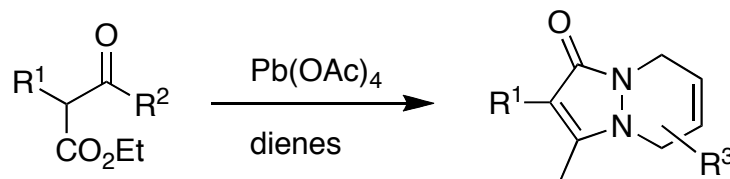
59 3-Benzoyl-2-isopropyl-4-alkyloxazolidin-5-ones as Efficient and Inexpensive Sources of Enantiopure α,α -Dialkyl α -Amino Acids and α,β -Dialkyl α,β -Diaminopropionic Acids

Susana Rojas-Lima,* Omar Téllez-Zenteno, Heraclio López-Ruiz, Lizeth Loubet-González, and Alejandro Alvarez-Hernandez


 Alkylation Asymmetric Induction α -Amino Acid α,β -Diamino Acid Self Addition

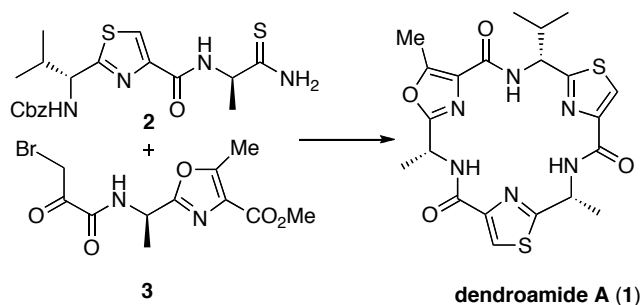
77 Synthesis and Cyclization Reaction of Pyrazolin-5-one Derivatives

Jae-Chul Jung, E. Blake Watkins, and Mitchell A. Avery*


 Pyrazolinone β -Keto Ester Acylation Cyclocondensation Oxidative Cycloaddition

95 New Total Synthesis of Dendroamide A from Dehydrodi- and tripeptides

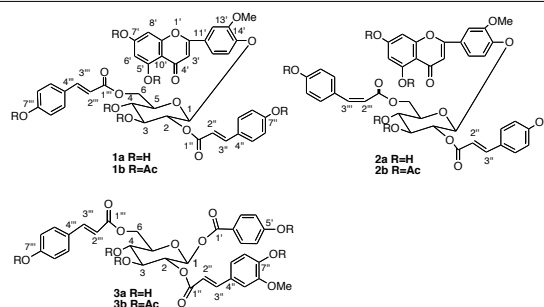
Yasuchika Yonezawa, Naoki Tani, and Chung-gi Shin*



Dehydropeptide Thiazole Oxazole Cyclization Dendroamide A

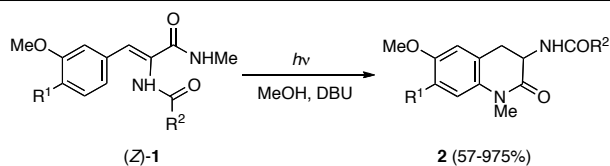
107 Three Glucosides from *Lycopodium clavatum*

Motoo Tori,* Yoshie Mukai, Katsuyuki Nakashima, and Masakazu Sono


Lycopodium clavatum Glucoside Apigenin Glucose Isolation

117 Electron Transfer-initiated and Highly Selective Photocyclization of *N*-Acyl- α -dehydroarylalaninamides to 3,4-Dihydroquinolinone Derivatives

Kei Maekawa, Kunio Fujita, Katsuyuki Iizuka, Tetsutaro Igarashi, and Tadamitsu Sakurai*


 (Z)-1a : R¹ = OMe; R² = Me

 (Z)-1c : R¹ = OMe; R² = *t*-Bu

 (Z)-1e : R¹ = OMe; R² = CH₂C₆H₄-4

 (Z)-1g : R¹ = OMe; R² = CH₂C₆H₃Cl₂-3,4

 (Z)-1i : R¹ = OMe; R² = C₆H₃(OMe)₂-2,4

 (Z)-1k : R¹ = H; R² = C₆H₃(OMe)₂-2,4

 (Z)-1b : R¹ = OMe; R² = *i*-Pr

 (Z)-1d : R¹ = OMe; R² = CH₂Ph

 (Z)-1f : R¹ = OMe; R² = CH₂C₆H₄Cl-4

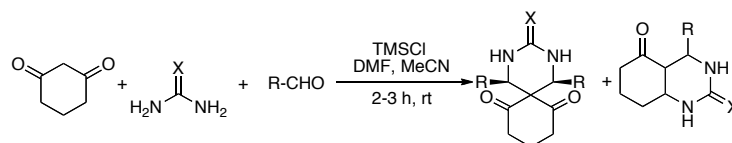
 (Z)-1h : R¹ = OMe; R² = CH₂C₆H₃(OMe)₂-3,4

 (Z)-1j : R¹ = H; R² = Ph

 Electron Transfer Photocyclization *N*-Acyl- α -dehydroarylalanine Dihydroquinolinone Substituent Effect

NOTES
133 Chemoselective Multicomponent Condensation of 1,3-Cyclohexanedione, Urea or Thiourea with Aldehydes: One-Pot Synthesis of Two Families of Fused Heterobicyclic and Spiro-fused Heterobicyclic Aliphatic Rings

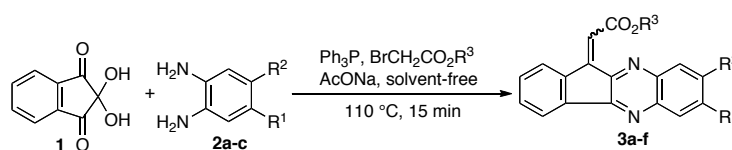
Yulin Zhu, Yuanjiang Pan,* and Shenlin Huang



1,3-Cyclohexanedione Heterobicyclic and Spiro Heterobicyclic Aliphatic Rings Biginelli Multicomponent Reaction TMSCl

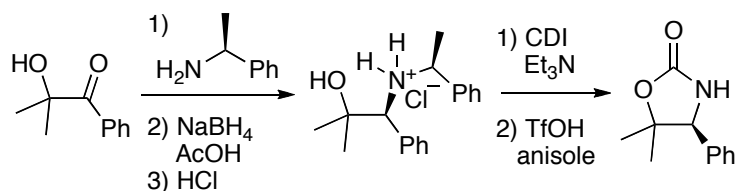
143 One-Pot Synthesis of Alkyl Indeno[1,2-*b*]quinoxalin-11-ylideneacetates under Solvent-free Conditions

Javad Azizian,* Mohammad R. Mohammadzadeh, Narges Karimi, Ali A. Mohammadi, and Ali R. Karimi


 Wittig Reaction Solvent Free Alkyl Indeno[1,2-*b*]quinoxalin-11-ylideneacetate Ninhydrin Alkyl Bromoacetate

149 Stereoselective Gram-Scale Synthesis of (*S*)-5,5-Dimethyl-4-phenyloxazolidin-2-one

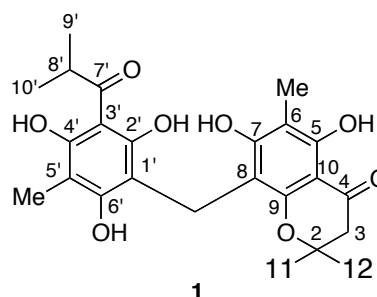
Shigeo Sugiyama,* Satoshi Arai, and Keitaro Ishii*



SuperQuat Oxazolidin-2-one Methylbenzylamine Debenzylation Amino Alcohol

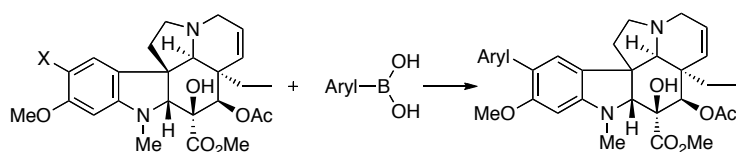
161 A New Phloroglucinol Dimer from *Mallotus pallidus*

Kittisak Likhitwitayawuid* and Butsarakhom Supudompol


Mallotus pallidus Phloroglucinol Dimer Euphorbiaceae Chroman-4-one NMR Spectrum

165 Preparation of New Vindoline Derivatives by Palladium-catalyzed Cross-Coupling Reaction

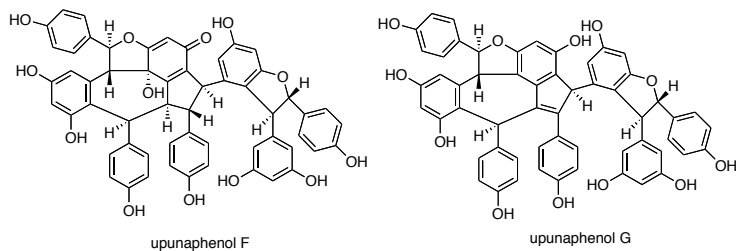
Melinda Fekete, Pal Kolonits, and Lajos Novák*



Indole Alkaloid Suzuki Reaction Aromatic Nucleophilic Substitution Iodovindoline Arylboronic Acid

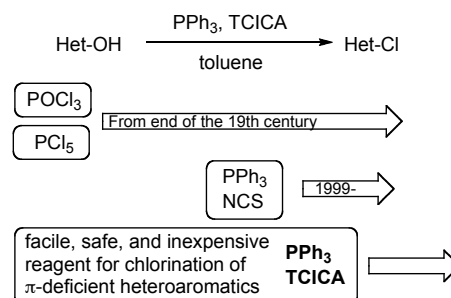
173 Stilbenoids from Leaves of *Upuna borneensis*

Tetsuro Ito,* Ibrahim Iliya, Toshiyuki Tanaka, Ken-ichi Nakaya, Yukihiro Akao, Yoshinori Nozawa, Jin Murata, Dedy Darnaedi, and Munekazu Iinuma


Upuna borneensis Dipterocarpaceae Stilbene Oligomer Structure Elucidation

181 An Improved Method for Chlorination of Nitrogen-containing π -Deficient Heteroaromatics Using Triphenylphosphine and Trichloroisocyanuric Acid

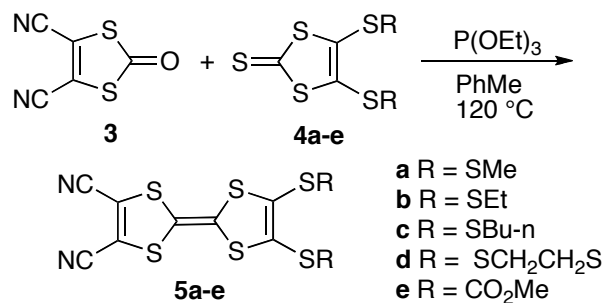
Osamu Sugimoto* and Ken-ichi Tanji*



Chlorination Triphenylphosphine Trichloroisocyanuric Acid

187 A Facile Synthesis of Asymmetrical 2,3-Dicyano-substituted Tetrathiafulvalene Derivatives

Tie Chen, Chunlan Wang, Zhiqi Cong, Bingzhu Yin,* and Kimiaki Imafuku*

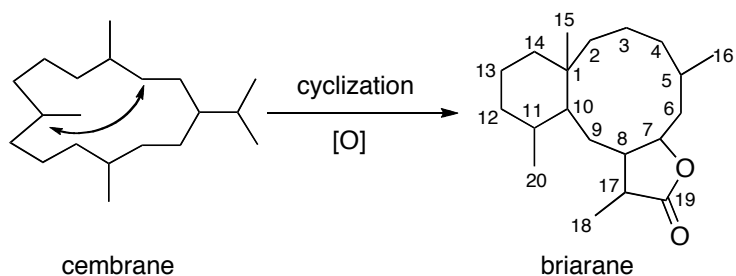


Tetrathiafulvalene 2,3-Dicyanotetrathiafulvalene Cross Coupling Cyclic Voltammetry

■ REVIEW

195 Survey of Briarane-related Diterpenoids — Part II

Ping-Jyun Sung,* Pi-Chen Chang, Lee-Shing Fang, Jyh-Horng Sheu, Wei-Chen Chen, Yu-Pei Chen, and Mei-Ru Lin



Briarane Diterpenoid Gorgonacea Pennatulacea

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 205 Polyketides
- 207 Aromatics
- 219 Terpenes
- 246 Steroids
- 249 Alkaloids
- 264 Miscellaneous