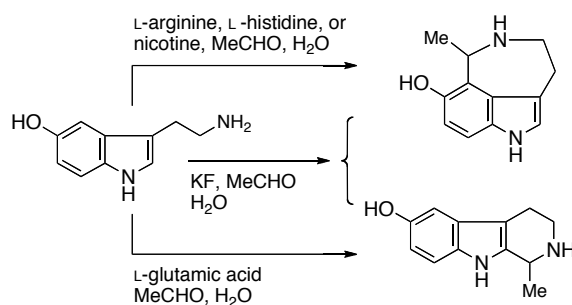


■ COMMUNICATIONS

- 519 **Formation of 3,4,5,6-Tetrahydro-7-hydroxy-6-methyl-1*H*-azepino[5,4,3-*cd*]indole in the Reaction of Serotonin with Acetaldehyde in Water in the Presence of Either L-Amino Acid, Nicotine or Fluoride**

Minoru Seto and Masanori Somei*

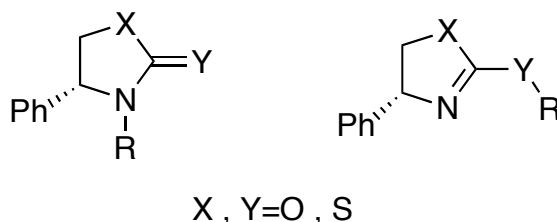


1*H*-Azepino[5,4,3-*cd*]indole Tetrahydro- β -carboline Neuroscience Tryptophan 1-Hydroxytryptamine

■ PAPERS

- 523 **A Study of the Alkylation and Rearrangement Products of Chiral 1,3-Oxazolidine- and Thiazolidine-2-thiones**

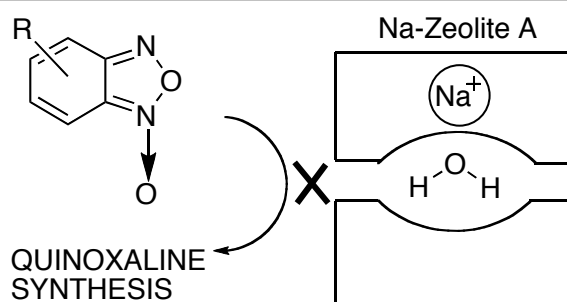
Anny Dekoker-Malengreau, Raphaël Robiette, and Jacqueline Marchand-Brynaert*



¹⁵N NMR Spectral Analysis Ambident Nucleophile Thiocarbonyl Imine 4-Vinyl-1,3-thiazolidin-2-one

- 537 **Synthesis of Quinoxaline 1,4-Dioxides from Benzofuroxan Proceeds Not in, But on Zeolite**

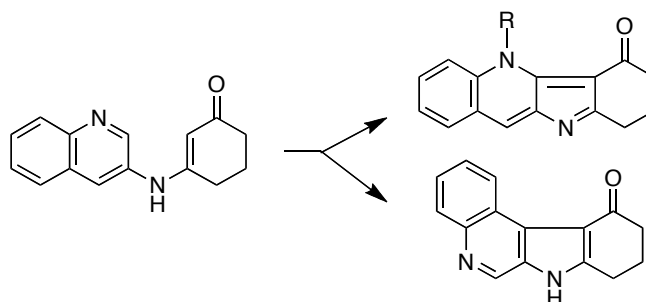
Shinichi Miyairi, Minoru Hasegawa, Tomoyuki Miyazawa, Aki Takei, Hiroyasu Ito, and Tohru Takabatake*



Benzofurazan *N*-Oxide Benzofuroxan Zeolite Pore Size Equilibrating Mixture

- 551 **Photochemistry of Heterocyclic Enaminones: An Alternative and Efficient Route to Cryptolepine Alkaloid Framework**

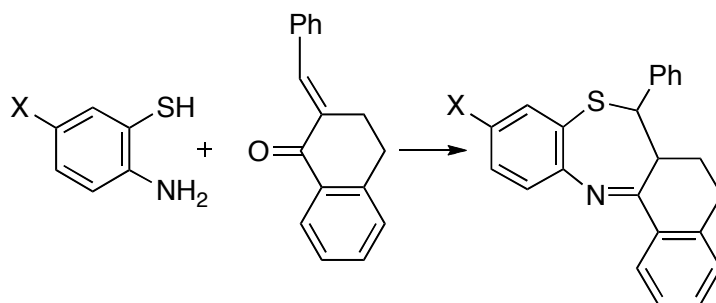
Jean-Claude Teulade, Olivier Chavignon, Jean-Michel Chezal, Pierre-Jean Aragon, and Yves Blache*



Indolo[2,3-*cj*]quinoline Pyrido[2,3-*cj*]carbazole Enaminone Photochemistry Cryptolepine

563 One-Pot Dry Media Synthesis of New Tetracyclic 1,5-Benzothiazepines under Microwave Activation

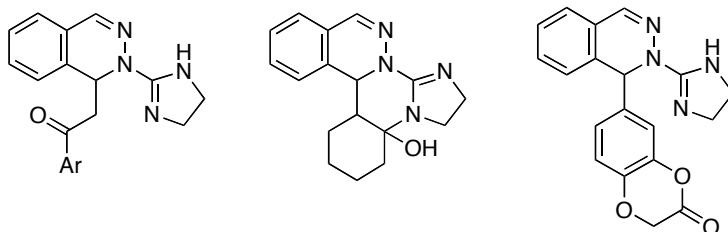
Kapil Arya, Meha Sati, Anshu Dandia, and André Loupy*



Montmorillonite KSF Dry Media Synthesis Biological Activity Microwave Irradiation Specific Microwave Effect

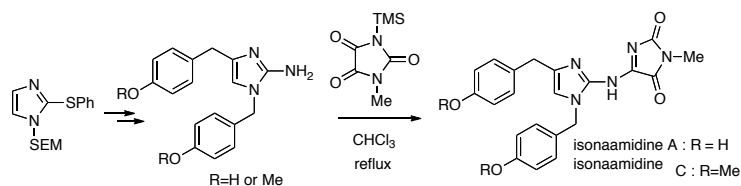
571 Acid Assisted Reactions of 1,2-Dihydro-2-(4,5-dihydroimidazol-2-yl)phthalazin-1-ol with Aryl(Heteroaryl) Methyl Ketones

Maria Gdaniec, Anna Gendzwill, Jacek Petruszewicz, Ewa Kobierska, and Franciszek Saczewski*


 Octahydroimidazo[1,2-*a*]phthalazino[2,1-*c'*]quinazolinol Phthalazine Pseudobasic Carbinolamine Enhancing Effect

583 1-Methyl-3-trimethylsilylparabanic Acid as an Effective Reagent for the Preparation of *N*-Substituted (1-Methyl-2,5-dioxo-1,2,5*H*-imidazolin-4-yl)amines and Its Application to the Total Synthesis of Isonaamidines A and C, Antitumor Imidazole Alkaloids

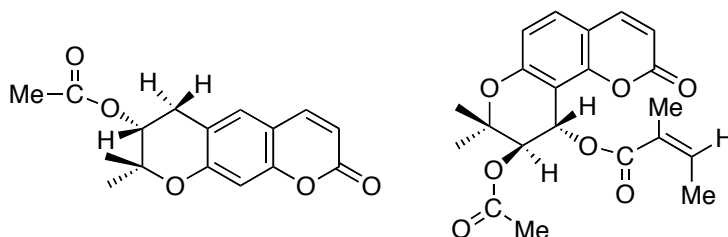
Masayuki Yamashita, Ikuo Kawasaki, Seikou Nakamura, and Shunsaku Ohta*



1-Methyl-3-trimethylsilylparabanic Acid Regioselective Condensation Imidazole Total Synthesis Marine Alkaloid

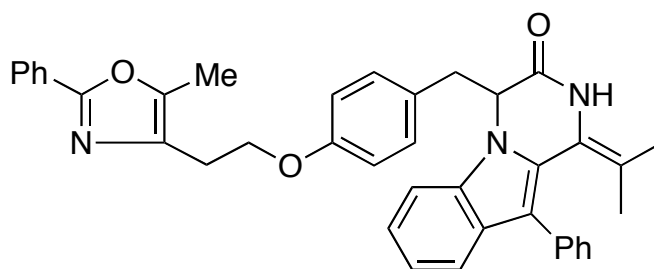
NOTES
599 Two Dihydropyranocoumarins from *Peucedanum wawrii*

Masatake Niwa, Xian-Li Wu, and Ling-Yi Kong*


Peucedanum wawrii 3'-(*R*)-Acetoxy-3',4'-dihydroxanthyletin 3'-(*R*)-Acetoxy-4'-(*S*)-angeloyloxy-3',4'-dihydroreselin Dihydropyranocoumarin

607 Synthesis and Identification of a Novel 6,5,6-Tricyclic Lactam

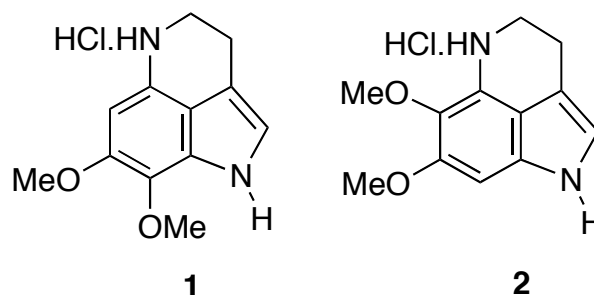
Randy D. Rutkowske, Douglas J. Minick, Barry G. Shearer, Jeff E. Cobb, and Joel P. Cooper*



Oxazole Lactam Cyclization

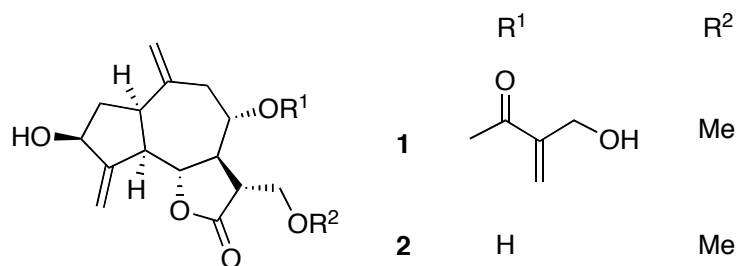
615 On the Synthesis of Two Dimethoxy-1,3,4,5-tetrahydropyrrolo[4,3,2-*de*]quinoline Regioisomers

Raymond Houssin, Fabienne Dudouit, Sarah Chackal, and Jean-Pierre Hénichart*


 Tetrahydropyrrolo[4,3,2-*de*]quinoline 2D ¹H NMR Regioisomer Structure Skraup Reaction

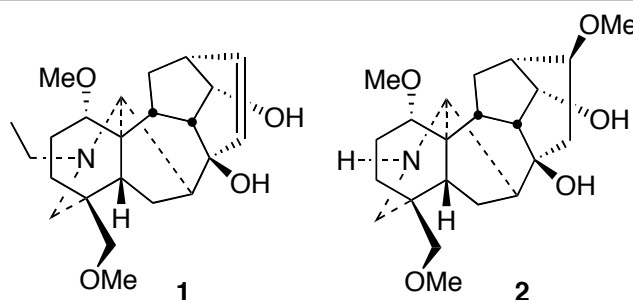
623 New Sesquiterpene Lactones from *Hemisteptia lyrata* Bunge

Ki Min Park, Jong Rok Lee, Dae Sik Jang, Ki Hun Park, Tae Joung Ha, and Min Suk Yang*


Hemisteptia lyrata Guaiaadiene-12,6-olide Isoambergoin 11,13-Dihydro-deacylcynaropicrin Compositae

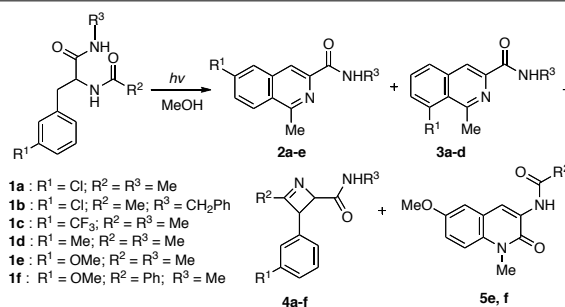
631 New C19-Diterpenoid Alkaloids from *Aconitum liljestrandii*

Xi-Xian Jian, Dong-Lin Chen, Qiao-Hong Chen, Guang-Bo Xie, and Feng-Peng Wang*


Aconitum liljestrandii C19-Diterpenoid Alkaloid *N*-Deethyltalatisamine Liljestrandinine

637 *meta*-Substituent Effects on the Photocyclization of Aryl-substituted *N*-Acyl- α -dehydroalanine Derivatives

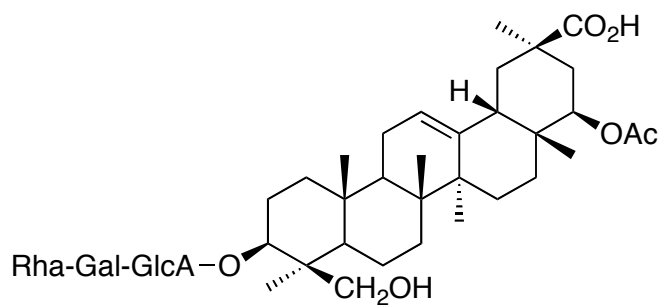
Tetsutaro Igarashi, Yoshiyuki Iseya, Hiroo Kajiwara, Kei Maekawa, and Tamamitsu Sakurai*



Photochemistry Amino Acid Substituent Effect Isoquinoline Quinolinone

655 **New Oleanane-Type Triterpene Saponins from *Millettia speciosa***

Tetsuo Koyama, Toshiyuki Akiyama, Mitsuko Makino, Sachi Isobe, Masakatsu Furukawa, Taketo Uchiyama, and Yasuo Fujimoto*

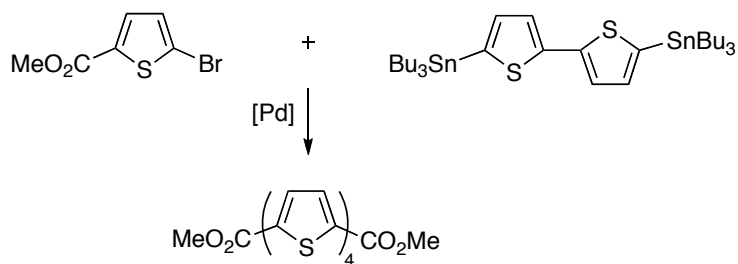


Fabaceae Structure Elucidation Cytotoxicity Leukotriene Secretion

■ REVIEWS

663 **Methods for the Synthesis of Oligothiophenes**

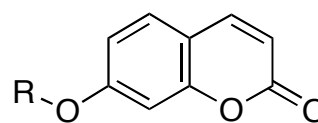
Olga Pudova, Pavel Arsenyan, and Edmunds Lukevics*



Thiophene Oligothiophene Oxidative Coupling Cross-Coupling Reaction Cyclization

689 **Terpenoid Coumarins of the Genus *Ferula***

Shinji Ohta, Mohamed H. Abd El-Razek, and Toshifumi Hirata*



R=Sesquiterpenyl,
monoterpenyl,
or prenyl

Ferula (Apiaceae) Chemical Constituent Sesquiterpene Coumarin Monoterpene Coumarin Biological Activity