

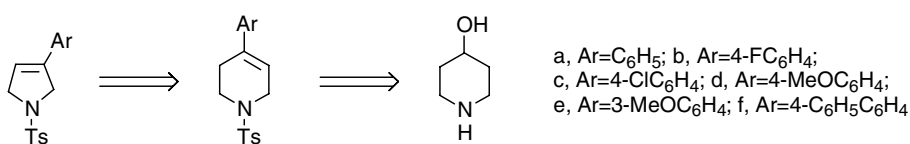
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COMMUNICATIONS

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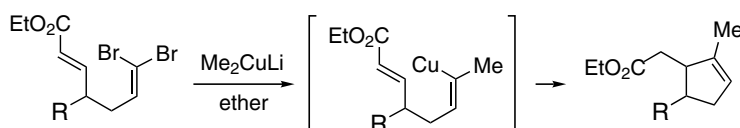
Meng-Yang Chang,* Chun-Li Pai and Yung-Hua Kung



Synthesis of alicyclic esters via an intramolecular conjugate addition reaction. New method for generating (*Z*)-vinylcopper species from 1,1-dibromoalkenes

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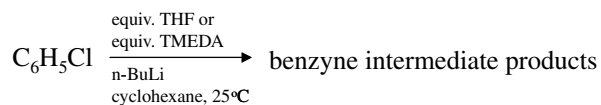
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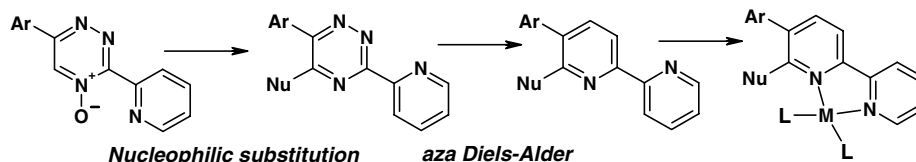
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Consecutive nucleophilic substitution and aza Diels–Alder reaction—an efficient strategy to functionalized 2,2'-bipyridines

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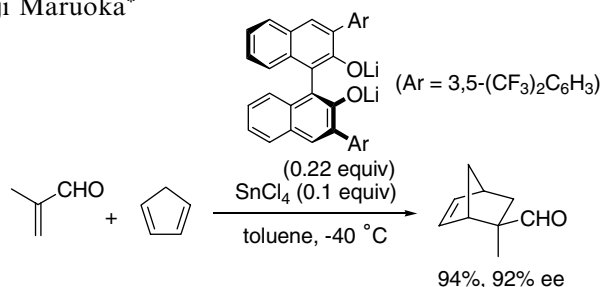
Dmitry N. Kozhevnikov,* Valery N. Kozhevnikov, Anton M. Prokhorov, Maria M. Ustinova, Vladimir L. Rusinov, Oleg N. Chupakhin, Grigory G. Aleksandrov and Burkhard König


Design of chiral tin(IV) aryloxyde as a mild Lewis acid catalyst for enantioselective Diels–Alder reaction

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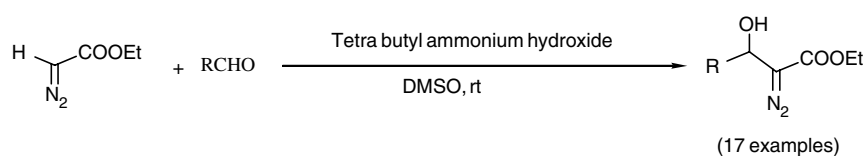
Taichi Kano, Teppei Konishi, Shunsuke Konishi and Keiji Maruoka*

A novel Sn(IV) aryloxyde Lewis acid has been designed and prepared from SnCl₄ and (*S*)-3,3'-bis(3,5-bis(trifluoromethyl)phenyl)-1,1'-bi-2-naphthol. The chiral Sn(IV) Lewis acid has been successfully applied to the enantioselective Diels–Alder reaction.


Catalytic aldol-type reaction of aldehydes with ethyl diazoacetate using quarternary ammonium hydroxide as the base

pp 877–880

Ravi Varala, Ramu Enugala, Sreelatha Nuvula and Srinivas R. Adapa*


Catalysis by ionic liquids: cyclopropyl carbinyl rearrangements catalyzed by [pmim]Br under organic solvent free conditions

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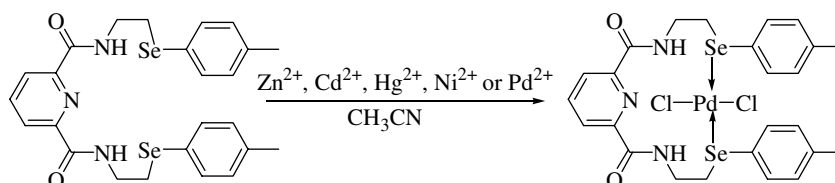
Brindaban C. Ranu,* Subhash Banerjee and Arijit Das



Design, synthesis, and structural aspects of chalcogen-substituted pyridine dicarboxamide donors and their reactions

pp 885–889

Naveen Kumar, Marilyn Daisy Milton, Jai Deo Singh,* Shailesh Upreti and Raymond J. Butcher

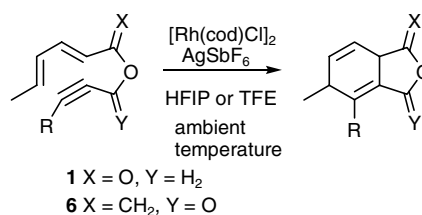


The design and synthesis of a new family of potentially pentadentate, N_3Se_2/N_3Te_2 type donors, bearing a central $[-NH-C(=O)-pyridine-C(=O)-NH-]$ fragment with selenium or tellurium as additional donors in their appended arms, and their reactivity toward d^8 and d^{10} metal ions, are discussed.

Rh(I)-catalyzed mild intramolecular [4+2] cycloaddition reactions of ester-tethered diene-yne compounds

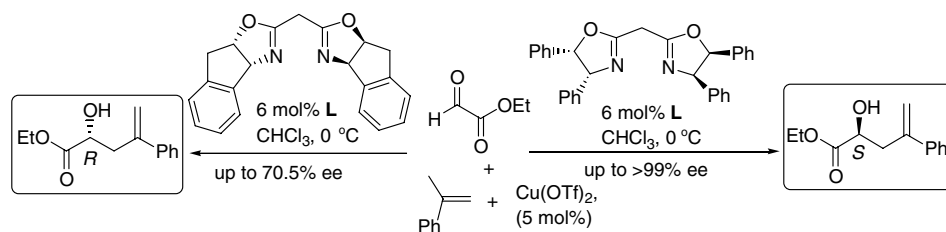
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Akio Saito,* Takamitsu Ono, Arata Takahashi, Takeo Taguchi* and Yuji Hanzawa*

**Enantioselective turnover in glyoxylate-ene reactions catalyzed by chiral copper complexes**

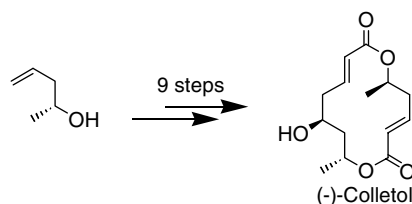
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Manoj K. Pandey, Alakesh Bisai and Vinod K. Singh*

**Two approaches for efficient synthesis of (-)-colletoleol**

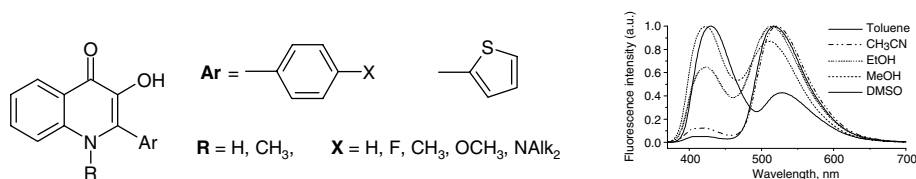
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Samir BouzBouz* and Janine Cossy



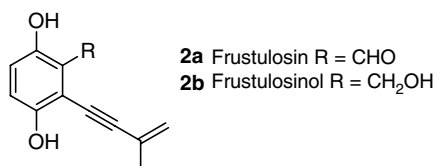
Synthesis and fluorescence properties of 2-aryl-3-hydroxyquinolones, a new class of dyes displaying dual fluorescence pp 905–908

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Total synthesis of bioactive frustulosin and frustulosinol

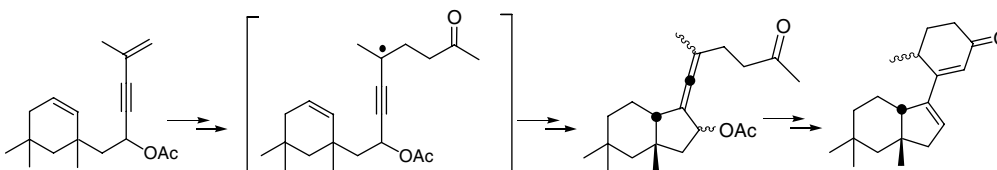
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Mary-Lorène Goddard and Raffaele Tabacchi*


An expedient approach to allenes and polycyclic structures using propargyl radicals

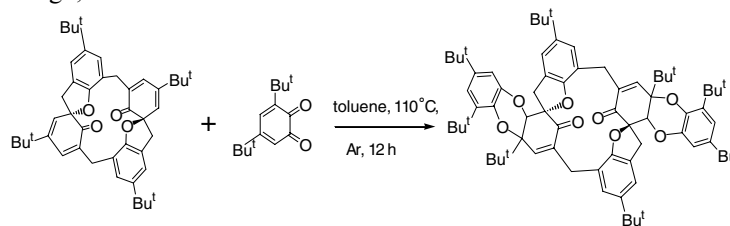
pp 913–916

Celia Alameda-Angulo, Béatrice Quiclet-Sire and Samir Z. Zard*


Sterically encumbered regioselective cycloaddition of a calixarene derived bis(spirodienone) with 1,2-benzoquinones

pp 917–921

R. Luxmi Varma,* V. B. Ganga, E. Suresh and C. H. Suresh*

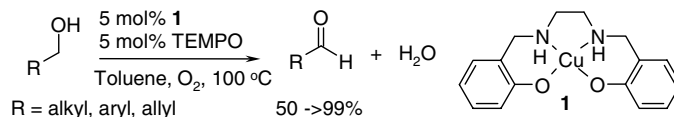


A calix[4]arene derived bis(spirodienone) acts as the 2π component in a cycloaddition reaction with two molecules of 3,5-di-*tert*-butyl-1,2-benzoquinone in the [2+4] manner leading to macrocycles with a benzodioxin moiety. A theoretical rationalization of the results suggested a sterically encumbered regioselective pathway, which gives sterically crowded products.

Copper(II) catalyzed selective oxidation of primary alcohols to aldehydes with atmospheric oxygen

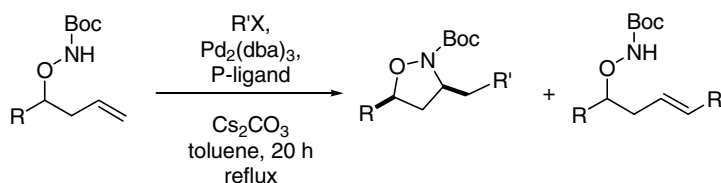
pp 923–926

Subbarayan Velusamy, Arumugam Srinivasan and T. Punniyamurthy*

**Palladium(0)-catalyzed cascade one-pot synthesis of isoxazolidines**

pp 927–930

Krishna Gopal Dongol* and Boon Ying Tay



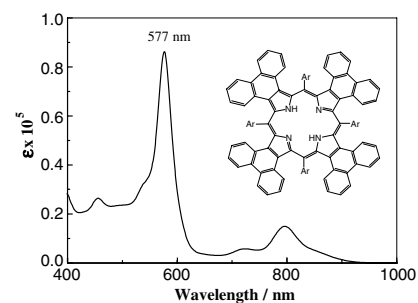
A highly diastereoselective cascade reaction protocol has been developed for the synthesis of isoxazolidine derivatives utilizing aryl halides, *O*-homoallyl hydroxylamine and palladium(0) in a one-pot reaction.

Synthesis and spectroscopic characterization of *meso*-tetraarylporphyrins with fused phenanthrene rings

pp 931–934

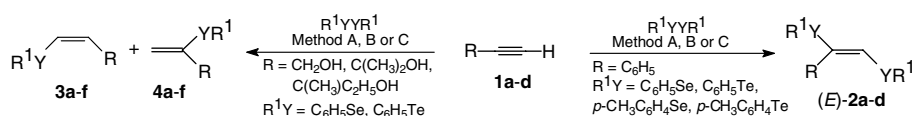
Hai-Jun Xu, Zhen Shen,* Tetsuo Okujima, Noboru Ono and Xiao-Zeng You*

A series of *meso*-tetraaryl porphyrins with fused phenanthrene rings are reported which exhibit remarkable bathochromic-shifted Soret bands at wavelength around 577 nm and Q-bands into the near-infrared region.

**Addition of chalcogenolate anions to terminal alkynes using microwave and solvent-free conditions: easy access to bis-organochalcogen alkenes**

pp 935–938

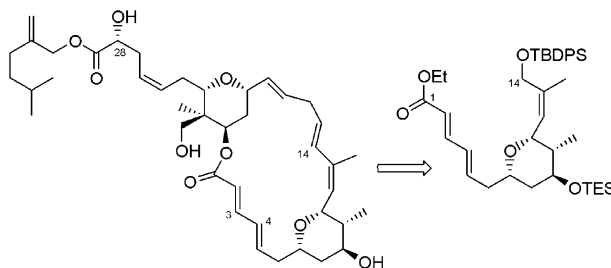
Gelston Perin,* Raquel G. Jacob, Luiz G. Dutra, Francisco de Azambuja, Greice F. F. dos Santos and Eder J. Lenardão*



An efficient synthesis of the C₁–C₁₄ subunit of (–)-lasonolide A via a target oriented β-C-glycoside formation sequence

pp 939–942

Kailas B. Sawant, Fei Ding and Michael P. Jennings*

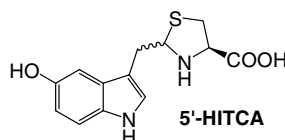


The C₁–C₁₄ subunit of (–)-lasonolide A was synthesized utilizing an expanded Kishi-type β-C-glycoside formation sequence.

Chemical synthesis and structural elucidation of a new serotonin metabolite: (4R)-2-[(5'-hydroxy-1'H-indol-3'-yl)methyl]thiazolidine-4-carboxylic acid

pp 943–946

Chunyang Jin,* Jason P. Burgess, Madathil B. Gopinathan and George A. Brine

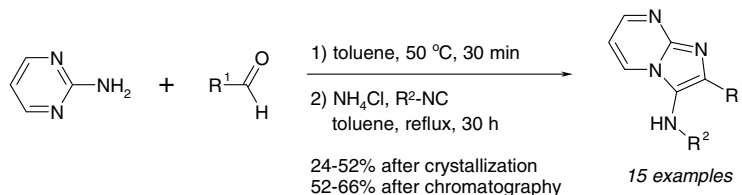


A new serotonin metabolite, 4(*R*)-2-[(5'-hydroxy-1'*H*-indol-3'-yl)methyl]thiazolidine-4-carboxylic acid (5'-HITCA), was synthesized in 30% overall yield.

Multi-component reactions between 2-aminopyrimidine, aldehydes and isonitriles: the use of a nonpolar solvent suppresses formation of multiple products

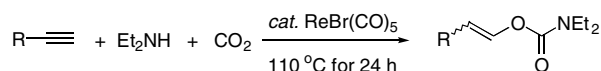
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Vladislav Z. Parchinsky, Olga Shuvalova, Olga Ushakova, Dmitry V. Kravchenko and Mikhail Krasavin*


Regioselective Re(I)-catalyzed coupling of terminal alkynes, Et₂NH, and CO₂ leading to anti-Markovnikov adducts

pp 953–955

Jia-Li Jiang and Ruimao Hua*

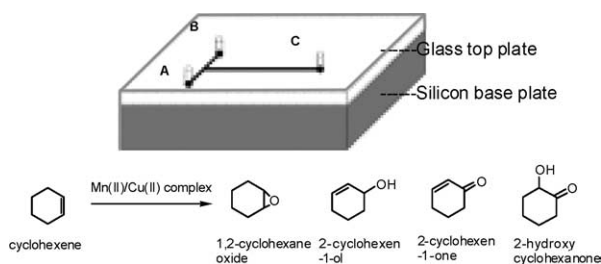


The ReBr(CO)₅-catalyzed addition reaction of Et₂NH and CO₂ to terminal alkyne, affords regioselectively anti-Markovnikov adducts of alkenyl carbamates in good to excellent yield.

Ionic-liquid supported oxidation reactions in a silicon-based microreactor

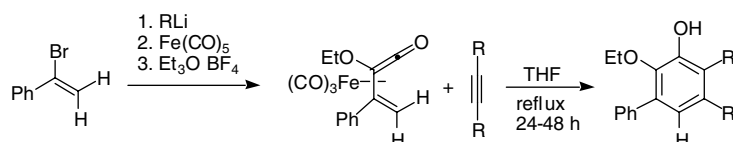
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Chanbasha Basheer, Muthalagu Vetrichelvan, Valiyaveetil Suresh* and Hian Kee Lee*

**The cycloaddition reactions of 2-ethoxy-3-phenylvinylketene iron(0) with alkynes to yield catechol derivatives**

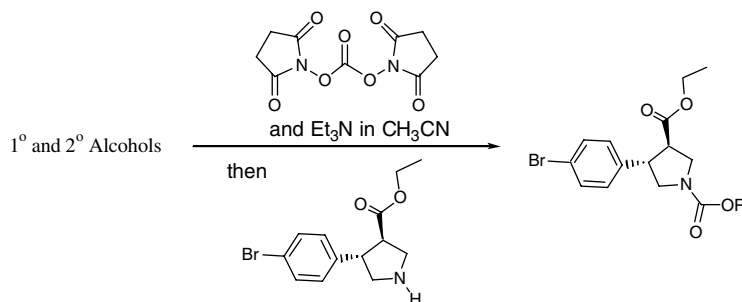
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Nicholas D. Darbasie, Wayne F. K. Schnatter,* Kirstin F. Warner and Nicolae Manolache

**Carbamates from alcohol diversity: a simple solution phase library method**

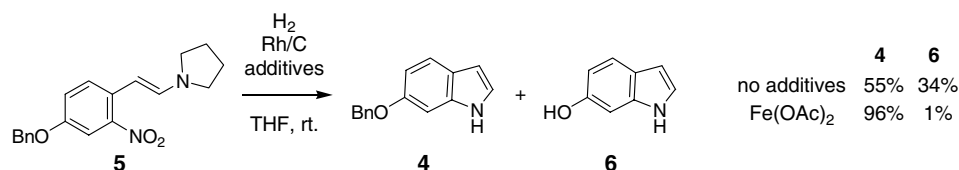
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Gregory L. Hamilton and Bradley J. Backes*

**Highly chemoselective reduction using a Rh/C–Fe(OAc)₂ system: practical synthesis of functionalized indoles**

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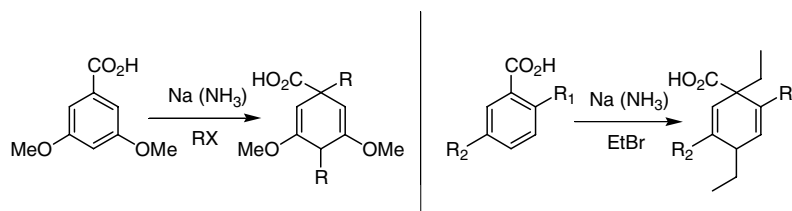
Atsushi Akao,* Kimihiko Sato, Nobuaki Nonoyama, Toshiaki Mase and Nobuyoshi Yasuda



The Birch reduction–dialkylation reaction. Scope and limitations

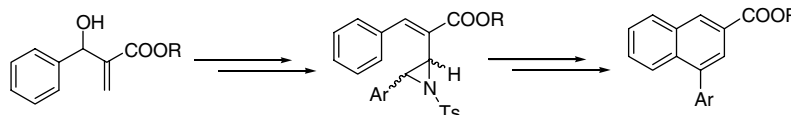
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Ricardo Castanedo, Adrián Covarrubias-Zúñiga and Luis A. Maldonado*

**Regioselective synthesis of 1-arylnaphthalenes from *N*-tosylaziridine derivatives**

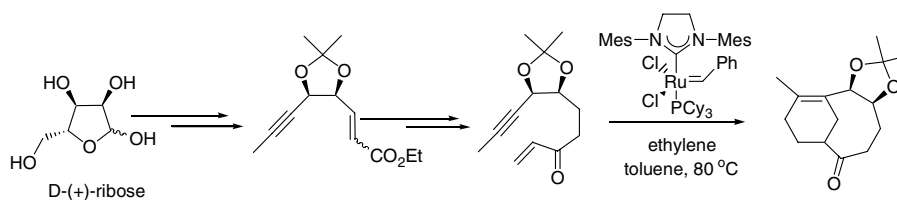
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Ka Young Lee, Seung Chan Kim and Jae Nyoung Kim*

**Synthesis of a bicyclo[5.3.1]undecene by a facile domino enyne cross-metathesis/IMDA**

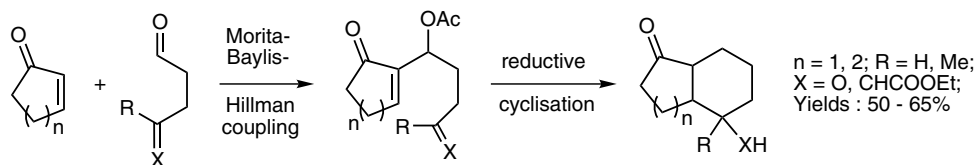
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Krishna P. Kaliappan,* Velayutham Ravikumar and Sandip A. Pujari

**Reductive cyclisation of Morita–Baylis–Hillman adducts. A simple approach towards substituted hydrindanones and decalones**

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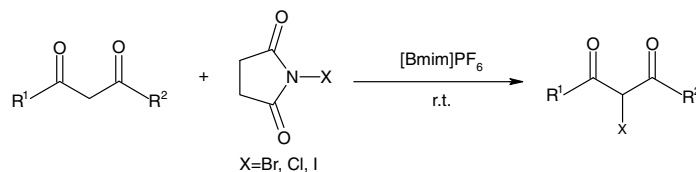
Pierre Wasnaire, Marianne Wiaux, Roland Touillaux and István E. Markó*



A green approach for efficient α -halogenation of β -dicarbonyl compounds and cyclic ketones using *N*-halosuccinimides in ionic liquids

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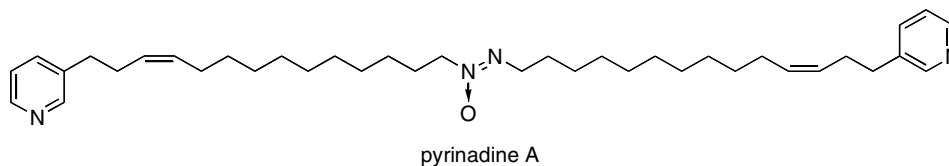
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Pyrinadine A, a novel pyridine alkaloid with an azoxy moiety from sponge *Cribrochalina* sp.

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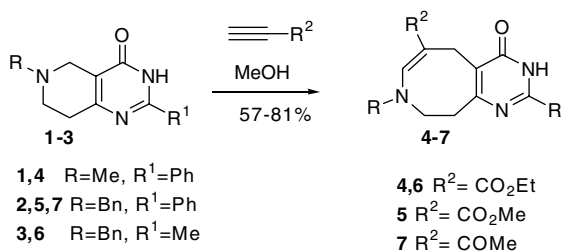
Yuuko Kariya, Takaaki Kubota, Jane Fromont and Jun'ichi Kobayashi*



Tetrahydropyridine (THP) ring expansion under the action of activated terminal alkynes. The first synthesis and X-ray crystal structure of tetrahydropyrimido[4,5-*d*]azocines

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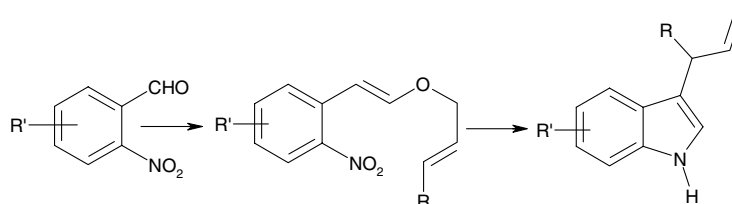
Leonid G. Voskressensky,* Tatiana N. Borisova, Innokenti S. Kostenev, Larisa N. Kulikova and Alexey V. Varlamov



An efficient two-step synthesis of 3-allylindoles

pp 1003–1005

Mukund G. Kulkarni, Saryu I. Davawala,* Attrimuni P. Dhondge, Dnyaneshwar D. Gaikwad, Ajit S. Borhade and Sanjay W. Chavhan

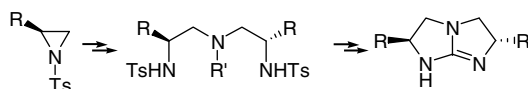


A two-step synthetic sequence for an efficient synthesis of 3-allylindoles is described.

Chiral bicyclic guanidines: a concise and efficient aziridine-based synthesis

pp 1007–1010

Weiping Ye, Dasheng Leow, Serena Li Min Goh, Chin-Tong Tan, Chee-Hoe Chian and Choon-Hong Tan*



A series of chiral bicyclic guanidines, either symmetrical or non-symmetrical, were synthesized using a concise and efficient aziridine-based synthetic methodology. Starting from commercial amino alcohols, five synthetic steps were performed, with only three requiring chromatographic purification, giving the desired guanidines in 43–71% overall yield. Preliminary studies using these guanidines showed moderate enantioselectivity for several Michael reactions.

**Microwave-assisted coupling with DIC/HOBt for the synthesis of difficult peptoids and fluorescently labelled peptides—a gentle heat goes a long way**

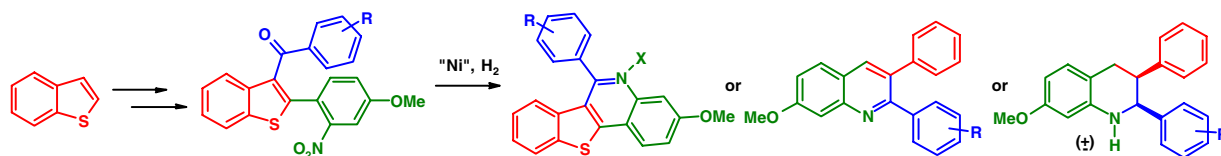
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Mario A. Fara, Juan José Díaz-Mochón and Mark Bradley*

**Benzo[b]thiophene as a template for substituted quinolines and tetrahydroquinolines**

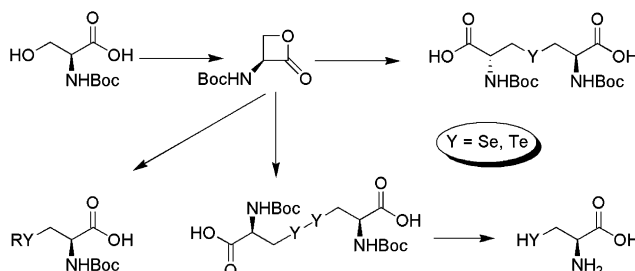
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Jérémie Fournier Dit Chabert, Grégory Chatelain, Stéphane Pellet-Rostaing, Denis Bouchu and Marc Lemaire*

**Stereoselective synthesis of Boc-protected L-seleno- and tellurolanthionine, L-seleno- and tellurocystine and derivatives**

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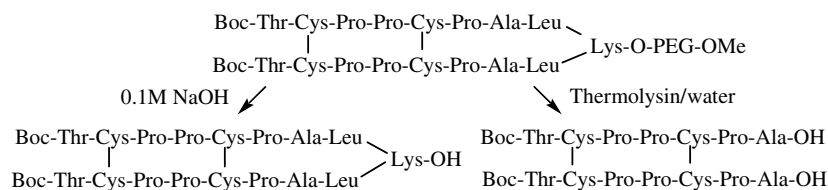
Alex Schneider, Oscar E. D. Rodrigues, Márcio W. Paixão, Helmoz R. Appelt, Antonio L. Braga and Ludger A. Wessjohann*



Synthesis of protected peptides from the human IgG1 hinge region on PEG support using disulfide bond synthons and alkaline or enzymatic detachment

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Petr Niederhafner, Martin Šafařík, Jaroslav Šebestík, Vladimír Gut, Petr Maloň and Jan Hlaváček*



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
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*Corresponding author

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