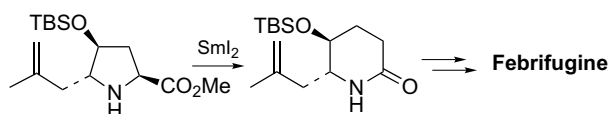


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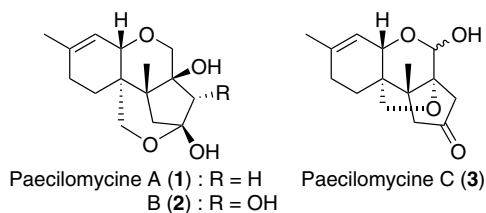
- Stereocontrolled synthesis of a potent antimalarial alkaloid, (+)-febrifugine** pp 6221–6223
Miho Katoh, Ryuichiro Matsune, Hiromasa Nagase and Toshio Honda*



A novel and stereocontrolled synthetic path to a potential antimalarial piperidine alkaloid, (+)-febrifugine, was established by employing a reductive deamination of a proline derivative with samarium diiodide, as a key step.

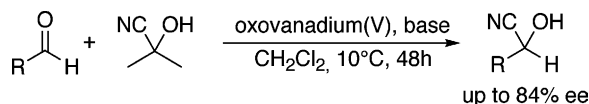
- Novel trichothecanes, paecilomycine A, B, and C, isolated from entomopathogenic fungus, *Paecilomyces tenuipes*** pp 6225–6228

Haruhisa Kikuchi, Yasuhiro Miyagawa, Yuko Sahashi, Satoshi Inatomi, Asami Haganuma, Norimichi Nakahata and Yoshiteru Oshima*



- Oxovanadium(V)-catalyzed enantioselective Meerwein–Ponndorf–Verley cyanation of aldehydes using acetone cyanohydrin** pp 6229–6233

Akira Watanabe, Kazuhiro Matsumoto, Yuya Shimada and Tsutomu Katsuki*

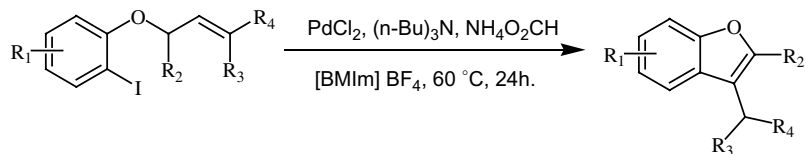


Oxovanadium(V)(salen) complex was found to be a promising catalyst for asymmetric MPV cyanation of aliphatic aldehydes.

Synthesis of benzofurans in ionic liquid by a PdCl₂-catalyzed intramolecular Heck reaction

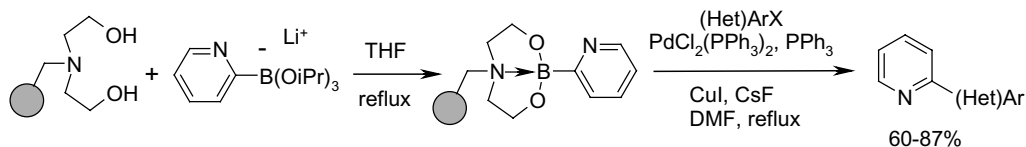
pp 6235–6237

Xingang Xie, Bo Chen, Jiangping Lu, Junjie Han, Xuegong She* and Xinfu Pan*

**New polystyrene-supported stable source of 2-pyridylboron reagent for Suzuki couplings in combinatorial chemistry**

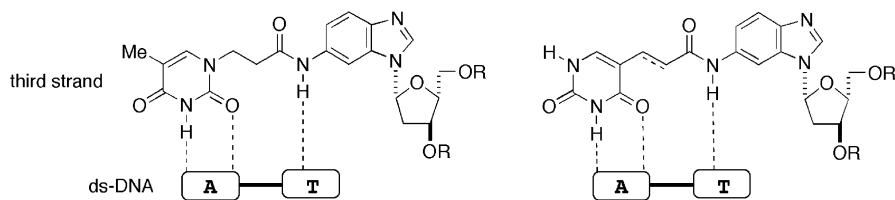
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Philippe Gros,* Abdelatif Doudouh and Yves Fort*

**Efficient synthesis of extended guanine analogues designed for recognition of an A·T inverted base pair in triple helix based-strategy**

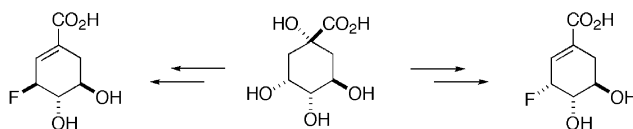
pp 6243–6247

Nathalie Van Craynest, Dominique Guianvarc'h, Corinne Peyron and Rachid Benhida*

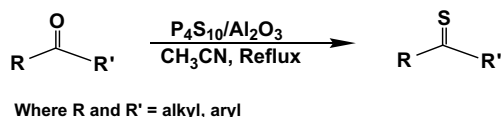
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Lovely Begum, Michael G. B. Drew, Jane L. Humphreys, David J. Lowes, Pamela R. Russi, Helen L. Whitby and Roger C. Whitehead*

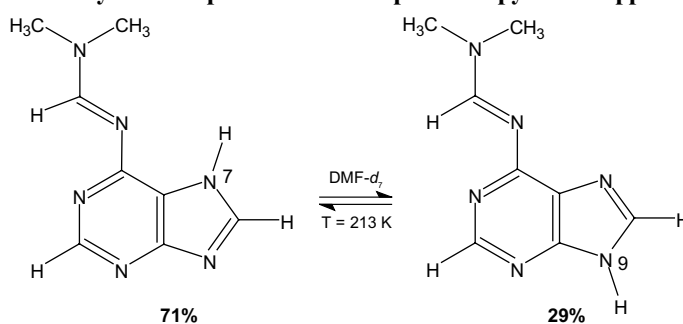


A new, efficient and simple method for the thionation of ketones to thioketones using P_4S_{10}/Al_2O_3 pp 6255–6257
Vivek Polshettiwar and M. P. Kaushik*



Direct determination of tautomerism in purine derivatives by low-temperature NMR spectroscopy pp 6259–6263

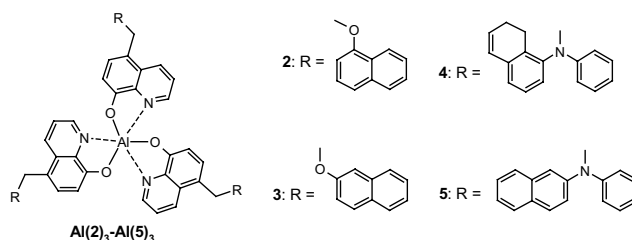
Pavčina Sečkářová, Radek Marek,*
Kateřina Maliňáková, Erkki Kolehmainen,
Dana Hocková, Michal Hocek and
Vladimír Sklenář



An approach to determine the tautomeric forms of purine derivatives, based on simultaneous analysis of ^{13}C and ^{15}N chemical shifts and vicinal ^1H – ^{13}C coupling constants measured at low temperatures, is presented.

Synthesis of 5-alkoxymethyl- and 5-aminomethyl-substituted 8-hydroxyquinoline derivatives and their luminescent Al(III) complexes for OLED applications pp 6265–6268

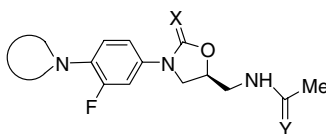
Amaresh Mishra,* Pabitra K. Nayak and N. Periasamy



Oxazolidine-2-thiones: a molecular modeling study

pp 6269–6272

Neha Gandhi, Brijesh K. Srivastava, Vidya B. Lohray and Braj B. Lohray*

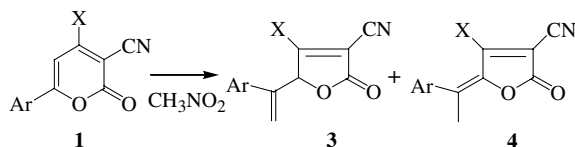


Two oxazolidine-2-thiones, thio-analogs of linezolid, were synthesized and their antibacterial properties evaluated. Unlike oxazolidinones, the thio-analogs did not inhibit the growth of Gram positive bacteria. A molecular modeling study has been carried out to aid understanding of this unexpected finding.

A concise synthesis of highly functionalized α,β -unsaturated γ -butyrolactones through ring contraction of 2*H*-pyran-2-ones

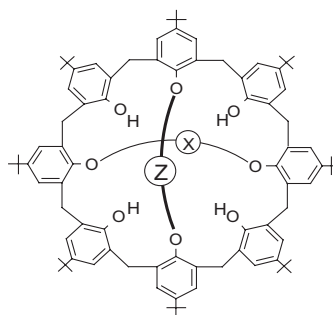
pp 6273–6276

Diptesh Sil, Ashoke Sharon, Prakas R. Maulik and Vishnu Ji Ram*

A synthesis of highly functionalized α,β -unsaturated γ -butyrolactones is reported.
Synthesis and complexing properties of 1,5:3,7-doubly bridged calix[8]arenes with mixed spanning elements

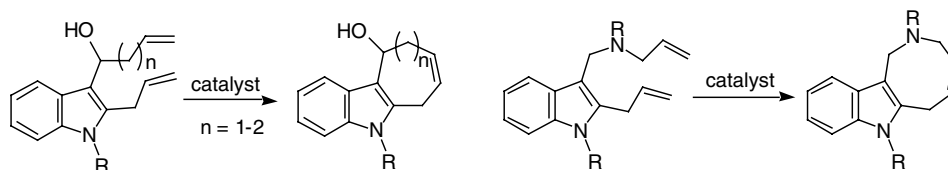
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Luisa Gregoli, Laura Russo, Ivan Stefio, Carmine Gaeta, Françoise Arnaud-Neu, Véronique Hubscher-Bruder, Poupak Khazaeli-Parsa, Corrada Geraci and Placido Neri*


A synthetic entry to 2,3-fused ring indole derivatives by ring-closing metathesis reactions

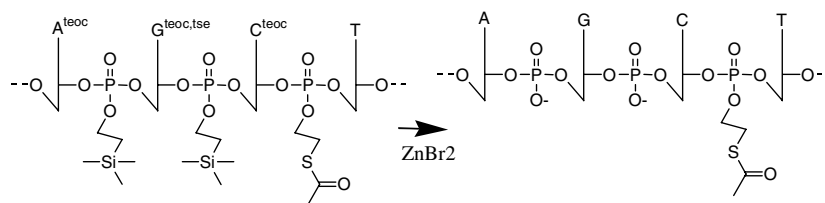
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M.-Lluïsa Bennasar,* Ester Zulaica and Sven Tummers


Lewis acid deprotection of silyl-protected oligonucleotides and base-sensitive oligonucleotide analogues

pp 6287–6290

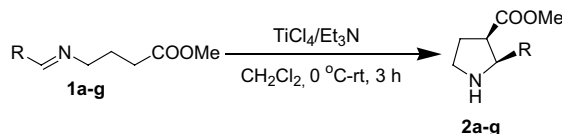
Fernando Ferreira, Jean-Jacques Vasseur and François Morvan*



Synthesis of *cis*-2-aryl-3-pyrrolidine carboxylic esters via diastereoselective cyclization of γ -imino esters using a $\text{TiCl}_4/\text{Et}_3\text{N}$ reagent system

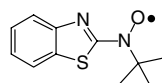
pp 6291–6293

Suriseti Suresh and Mariappan Periasamy*

**Modulating spin delocalization in conjugated nitroxides: 2-(*N*-aminoxyl-*N*-*tert*-butyl)-benzothiazole**

pp 6295–6298

Patrick S. Taylor, Prasanna Ghalsasi and Paul M. Lahti*

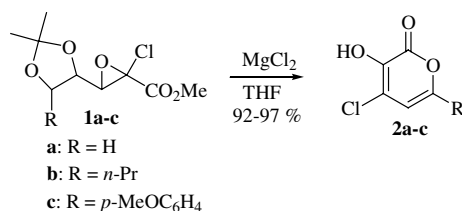


A convenient two-step synthesis of the title radical from benzothiazole gives the product as a thick oil with multi-day persistence in air. Its ESR hyperfine coupling shows that the sulfur atom induces greater delocalization of spin than is observed for the structural analog where S is replaced by NH. This is in good accord with B3LYP hybrid density functional calculations.

**Novel synthesis of 4-chloro-3-hydroxy-2-pyrone by the reaction of acetonide protected 4,5-dihydroxy-2-chloroglycidic ester with magnesium chloride**

pp 6299–6301

Takuzo Komiyama, Yutaka Takaguchi and Sadao Tsuboi*



Treatment of acetonide protected 4,5-dihydroxy-2-chloroglycidic ester with magnesium chloride gave 4-chloro-3-hydroxy-2-pyrone in excellent to good yields.

New synthesis of 3-substituted indoles using lithium trimethylsilyldiazomethane

pp 6303–6305

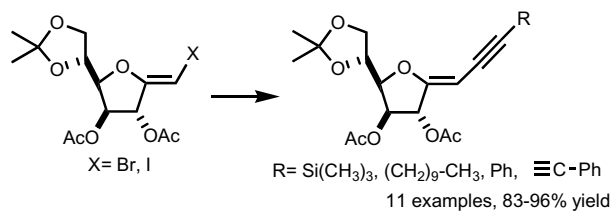
Takashi Miyagi, Yoshiyuki Hari and Toyohiko Aoyama*



An expeditious entry to carbohydrate derived enynes and ene-diynes via Sonogashira coupling of halo-*exo*-glycals

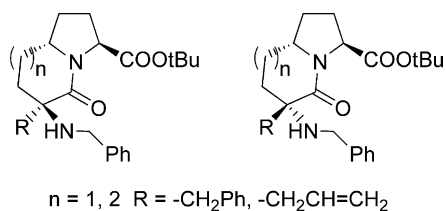
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Ana M. Gómez,* Ana Pedregosa, Aitor Barrio, Serafín Valverde and J. Cristóbal López*


Stereoselective synthesis of C^α-tetrasubstituted azabicyclo[X.3.0]alkane amino acids

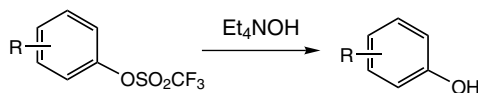
pp 6311–6315

Leonardo Manzoni,* Laura Belvisi, Matteo Colombo, Eliana Di Carlo, Alessandra Forni and Carlo Scolastico*


A simple deprotection of triflate esters of phenol derivatives

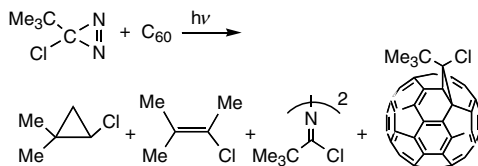
pp 6317–6320

Tadaaki Ohgiya and Shigeru Nishiyama*


A verification of the photolytic decomposition pathways of 3-*tert*-butyl-3-chlorodiazirine based on the application of the C₆₀ probe technique

pp 6321–6322

Midori O. Ishitsuka, Yasuyuki Niino, Takatsugu Wakahara, Takeshi Akasaka,* Michael T.H. Liu,* Kaoru Kobayashi and Shigeru Nagase*

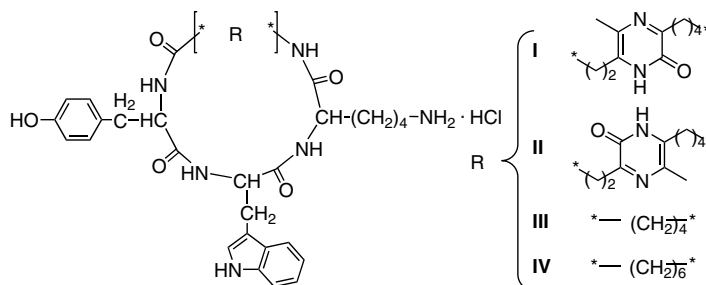


C₆₀ acts as a mechanistic probe for the formation of carbene and for the rearranged product via the excited state in the photolysis of 3-*t*-butyl-3-chlorodiazirine.

Design and synthesis of novel type somatostatin analogs with antiproliferative activities on A431 tumor cells

pp 6323–6327

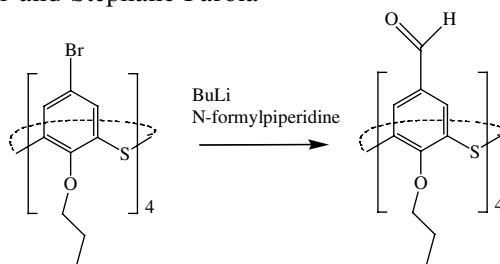
Anna Miyazaki, Toshio Yokoi, Yoshifumi Tachibana, Riyo Enomoto, Eibai Lee, Gyongyi Bokonyi, Gyorgy Keri, Yuko Tsuda and Yoshio Okada*



The formylation of the upper-rims of thiacalixarenes: synthesis of the first tetra-formylated and the first *meta*-substituted thiacalix[4]arenes

pp 6329–6331

Cedric Desroches, Vadim G. Kessler and Stephane Parola*

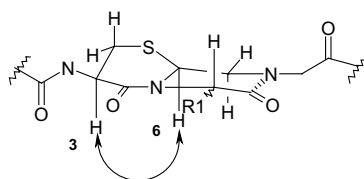


The formylation of the thiacalixarene was achieved using BuLi and *N*-formylpiperidine.

Diastereoselectivity in the solid-phase synthesis of peptide heterocycle hybrids

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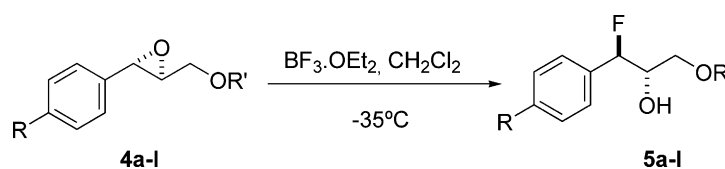
John H. Grimes, Jr.,* Weifan Zheng and Wayne D. Kohn



Boron trifluoride-induced reactions of phenylglycidyl ethers: a convenient synthesis of enantiopure, stereodefined fluorohydrins

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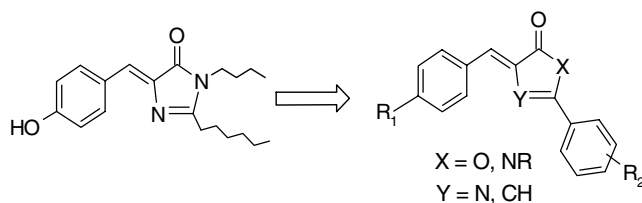
Gabriela Islas-González, Cristina Puigjaner, Anton Vidal-Ferran, Albert Moyano, Antoni Riera and Miquel A. Pericàs*



Fluorophores related to the green fluorescent protein

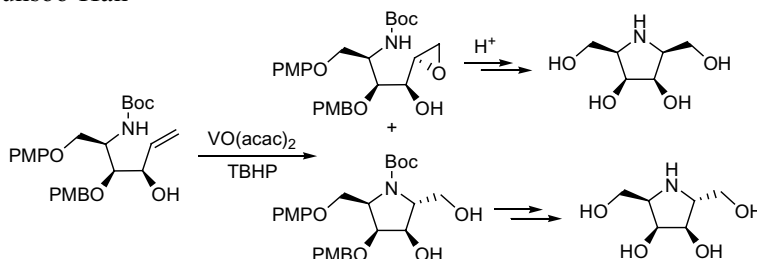
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Maryline Bourotte, Martine Schmitt, Anny Follenius-Wund, Claire Pigault, Jacques Haiech and Jean-Jacques Bourguignon*

**Stereodivergent total asymmetric synthesis of polyhydroxylated pyrrolidines via tandem allylic epoxidation and intramolecular cyclization reactions**

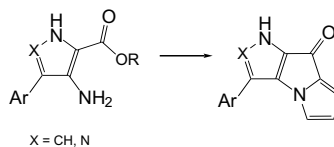
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Satwinder Singh and Hyunsoo Han*

**First synthesis of arylpyrrolo- and pyrazolopyrrolizinones as useful agents with potential biological interest**

pp 6353–6355

Christophe Rochais, Vincent Lisowski, Patrick Dallemagne* and Sylvain Rault

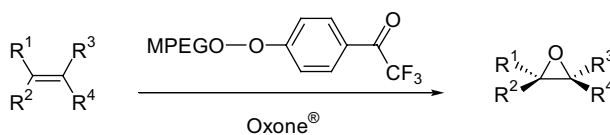


Novel arylpyrrolo- and pyrazolopyrrolizinones with potential biological interest were prepared in an efficient manner from aminoarylpyrrole and pyrazole carboxylates.

Poly(ethylene glycol)-supported α,α,α -trifluoroacetophenone in dioxirane mediated alkene epoxidation reactions

pp 6357–6359

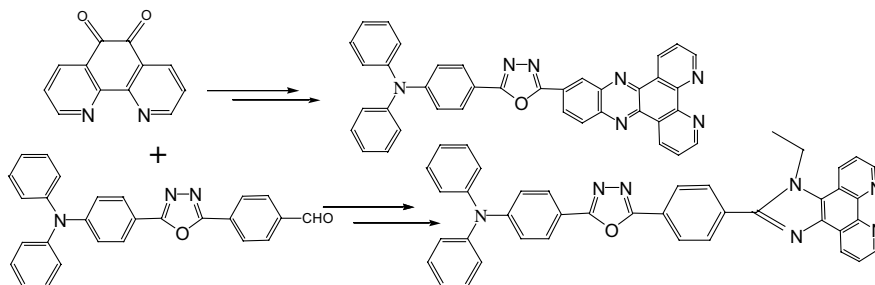
Jovi Tze Wai Kan and Patrick H. Toy*



Synthesis of efficient blue and red light emitting phenanthroline derivatives containing both hole and electron transporting properties

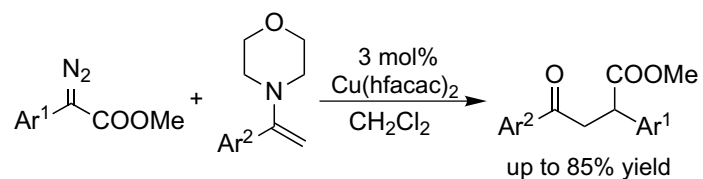
pp 6361–6363

Yuan Ji Bing, Louis M. Leung* and Gong Menglian

**Unusual reaction of aryldiazoacetates with enamines: highly effective synthesis of γ -ketoesters**

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Ming Yan,* Wei-Jie Zhao, Dan Huang and Shun-Jun Ji



The reaction of aryldiazoacetates with enamines catalyzed by copper and dirhodium complexes provides exclusively γ -ketoesters in high yields.

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*Corresponding author

①⁺ Supplementary data available via ScienceDirect

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