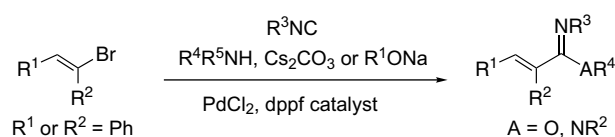


Tetrahedron Letters Vol. 45, No. 38, 2004

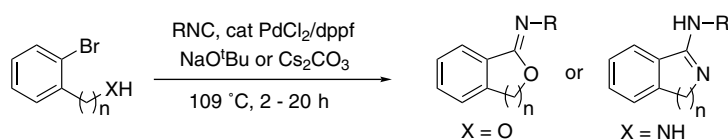
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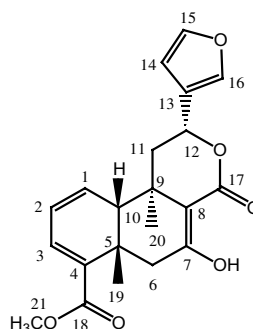
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K. Kishore R. Tetala, Richard J. Whitby,* Mark E. Light and Michael B. Hurtshouse



- Palladium catalysed synthesis of cyclic amidines and imidates** pp 6995–6996
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- Crotomacrine, a new clerodane diterpene from the fruits of *Croton macrostachyus*** pp 6997–6998
Pierre Tane,* Simplicie Tatsimo and Joseph D. Connolly

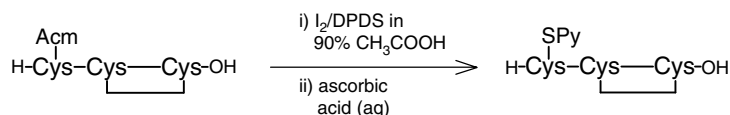


A new clerodane diterpene, crotomacrine **1**, together with the known crotepoxide were isolated from the fruits of *Croton macrostachyus*.

A novel approach to the regioselective synthesis of a disulfide-linked heterodimeric bicyclic peptide mimetic of brain-derived neurotrophic factor

pp 6999–7001

Jordan M. Fletcher and Richard A. Hughes*

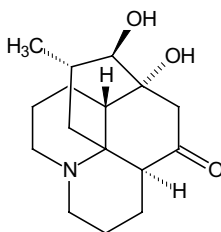


We report a method for the regioselective synthesis of a disulfide-linked heterodimeric bicyclic peptide using a novel acetamidomethyl to *S*-pyridinyl exchange.

Sauroine—a novel *Lycopodium* alkaloid from *Huperzia saururus*

pp 7003–7005

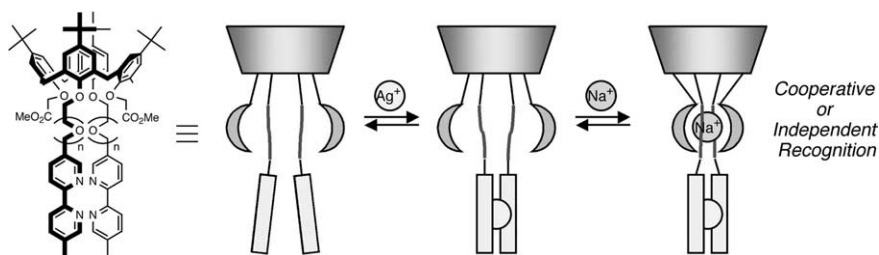
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Synthesis and recognition behavior of multi-point receptors with binding sites for different metal ions

pp 7007–7010

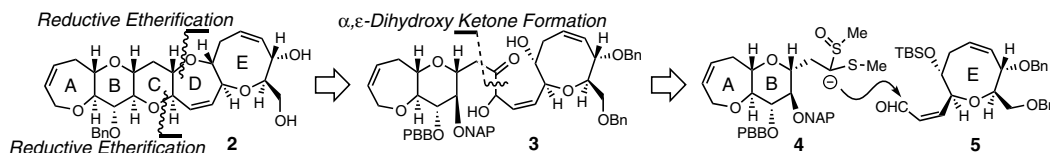
Toshiyuki Saiki, Jun Iwabuchi, Shigehisa Akine and Tatsuya Nabeshima*



Convergent synthesis of the ABCDE-ring part of ciguatoxin CTX3C

pp 7011–7014

Kenshu Fujiwara,* Akiyoshi Goto, Daisuke Sato, Yuko Ohtaniuchi, Hideki Tanaka, Akio Murai, Hidetoshi Kawai and Takanori Suzuki

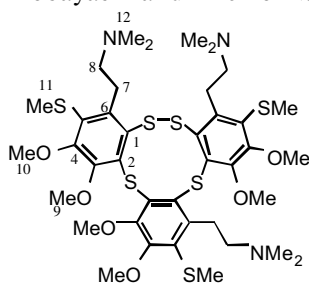


The ABCDE-ring part (2) of ciguatoxin CTX3C was concisely synthesized from the AB-ring and the E-ring parts (4 and 5).

Lissoclibadin 1, a novel trimeric sulfur-bridged dopamine derivative, from the tropical ascidian *Lissoclinum cf. badium*

pp 7015–7017

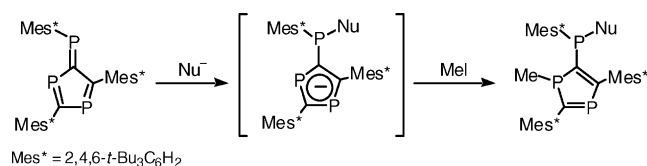
Hongwei Liu, Silvester Benny Pratasik, Teruaki Nishikawa, Takeshi Shida, Kazuo Tachibana, Takeshi Fujiwara, Hiroshi Nagai, Hisayoshi Kobayashi and Michio Namikoshi*



Reactivity of a kinetically stabilized 1,3,6-triphosphafulvene toward some nucleophiles

pp 7019–7021

Shigekazu Ito, Hideaki Miyake, Hiroki Sugiyama and Masaaki Yoshifuji*



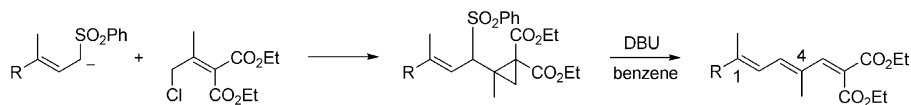
A kinetically stabilized 1,3,6-triphosphafulvene displayed regioselective reactivity toward nucleophiles as well as electron affinity leading to afford the phosphino-[1,3]diphosphole derivatives. These results correspond to the nature of fulvenes.



Preparation of the conjugated polyene chains with the 1,4-dimethyl substitution

pp 7023–7026

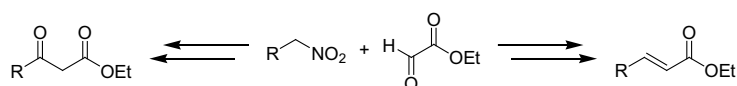
Hye-Sun Jeon and Sangho Koo*



Nitroalkanes and ethyl glyoxalate as common precursors for the preparation of both β -keto esters and α,β -unsaturated esters

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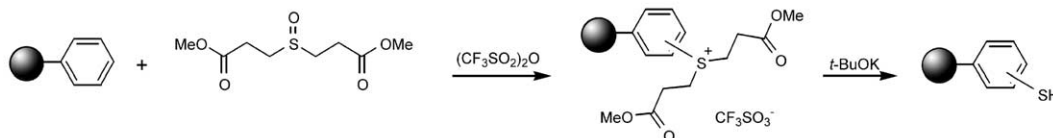
Roberto Ballini,* Dennis Fiorini and Alessandro Palmieri



A straightforward preparation of a polystyrene thiol resin

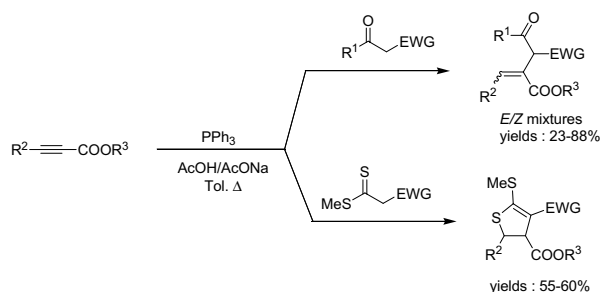
pp 7031–7033

Jean-Michel Becht, Alain Wagner* and Charles Mioskowski*

 **α -Addition of activated methylenes to alkynoates. A straightforward synthesis of multifunctional compounds**

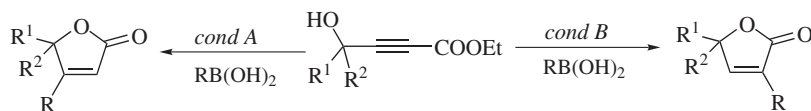
pp 7035–7038

Mikaël Hanédanian, Olivier Loreau, Frédéric Taran* and Charles Mioskowski*

**Regioselective Pd-catalyzed alkylation of 4-hydroxy-2-alkynecarboxylates with organoboronic acids**

pp 7039–7042

Chang Ho Oh,* Su Jin Park, Jin Hyang Ryu and Arun Kumar Gupta

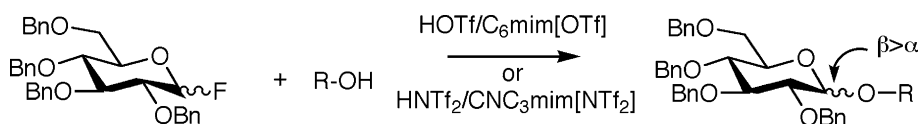
cond A: 3 mol% Pd(OAc)₂, 3 mol% dppe, 10 mol% AcOHcond B: 3 mol% Pd(OAc)₂, 6 mol% (*t*-Bu)₃P, 10 mol% AcOH

The Pd-catalyzed addition of organoboronic acids to 4-hydroxy-2-alkynecarboxylates and in situ lactonization gave the butenolides with a high control of regioselectivity.

A novel glycosidation of glycosyl fluoride using a designed ionic liquid and its effect on the stereoselectivity

pp 7043–7047

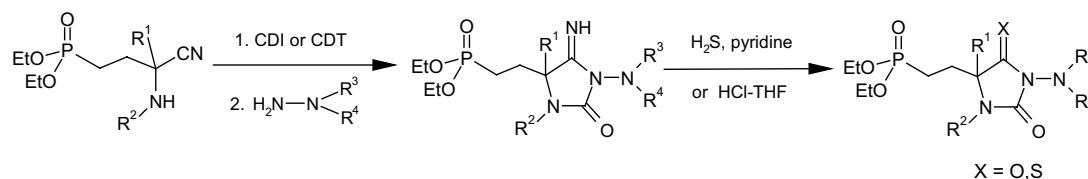
Kaname Sasaki, Shuichi Matsumura and Kazunobu Toshima*



A convenient synthesis of 3-amino-4-imino(thioxo)-imidazolidin-2-ones

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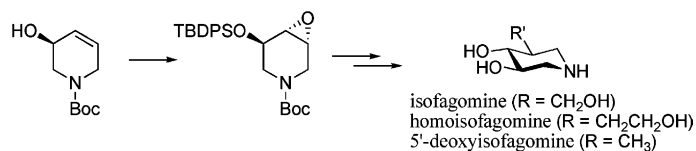
Thomas Kurz* and Khalid Widyan



A short and concise synthesis of isofagomine, homoisofagomine, and 5'-deoxyisofagomine

pp 7053–7056

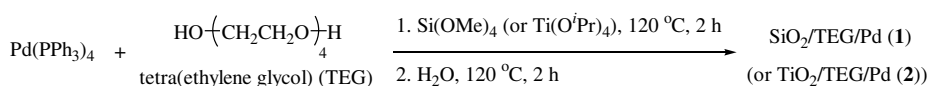
Hidekazu Ouchi, Yukiko Mihara, Hitomi Watanabe and Hiroki Takahata*



One-pot synthesis of recyclable palladium catalysts for hydrogenations and carbon–carbon coupling reactions

pp 7057–7059

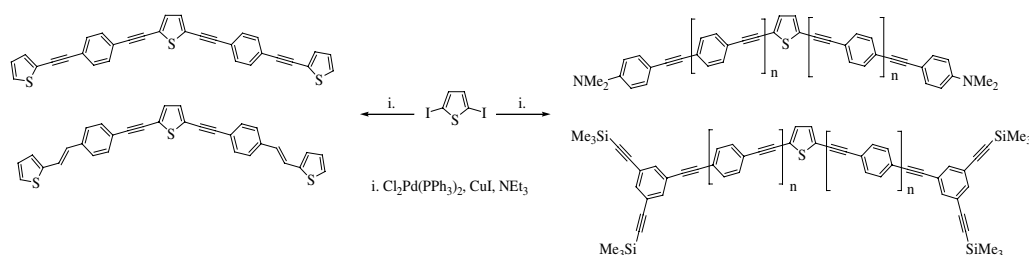
Namdu Kim, Min Serk Kwon, Cheon Min Park and Jaiwook Park*



Synthesis and optical properties of conjugated *N,N*-dimethyl and thienyl end-capped 2,5-(arylethynyl)thiophene oligomer structures

pp 7061–7064

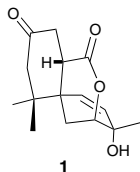
J. Gonzalo Rodríguez,* Antonio Lafuente, Laura Rubio and Jorge Esquivias



Chamigrenelactone, a polyoxygenated sesquiterpene with a novel structural type and devoid of halogen from *Laurencia obtusa*

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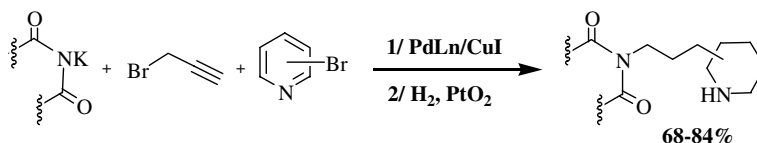
Enrique Dorta, Ana R. Díaz-Marrero, Mercedes Cueto, Luis D'Croz, Juan L. Maté and José Darias*



A two-step synthesis of aminopropylpiperidines via aminopropargylpyridines, suitable for the synthesis of a new class of 5-HT₄ ligands

pp 7069–7072

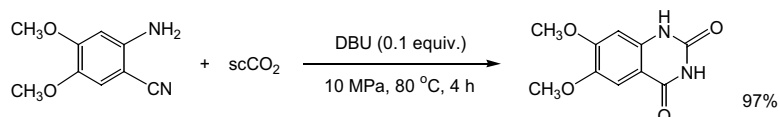
Olivier Russo, Mouâd Alami,* Jean-Daniel Brion, Sames Sicsic and Isabelle Berque-Bestel*



The simple solvent-free synthesis of 1H-quinazoline-2,4-diones using supercritical carbon dioxide and catalytic amount of base

pp 7073–7075

Takumi Mizuno,* Toshiyuki Iwai and Yoshio Ishino

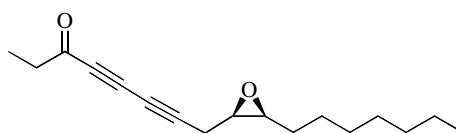


Using scCO₂ as a reactant and a solvent, 1H-quinazoline-2,4-diones were synthesized in good to excellent yields.

Total synthesis and absolute stereochemistry of (9R,10S)-epoxyheptadecan-4,6-diyn-3-one, a diacylglycerol acyltransferase inhibitor from *Panax ginseng*

pp 7077–7079

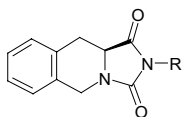
Jung-Hoon Oh, Hyun Sun Lee, Mun-Chual Rho, Young Kook Kim, Hyeong Kyu Lee, Woo Song Lee, Jae Nyoun Kim, Sangku Lee* and Sang-Hun Jung



Optimized synthesis of tetrahydroisoquinoline-hydantoins

pp 7081–7085

Julie Charton,* Amaury Cazenave Gassiot, Patricia Melnyk, Sophie Girault-Mizzi and Christian Sergheraert

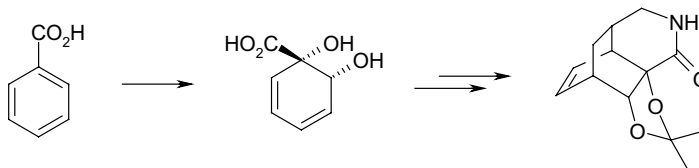


Several methods have been developed and compared for the solution synthesis of tetrahydroisoquinoline-hydantoin derivatives. The best yields were obtained when the imidazolidine-2,4-dione ring was synthesized in two steps: (1) reaction of Tic-OH with the appropriate amine and (2) cyclization with 1,1'-carbonyldiimidazole.

Microwave-mediated intramolecular Diels–Alder cyclization of biodihydroxylated benzoic acid derivatives

pp 7087–7090

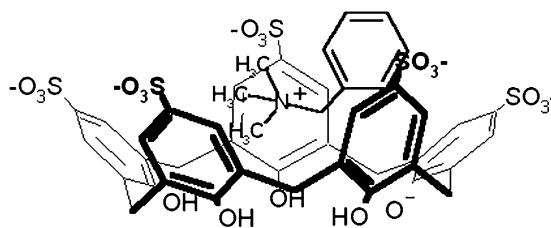
Marko D. Mihovilovic,* Hannes G. Leisch and Kurt Mereiter



Water-soluble pentasulfonatocalix[5]arene: selective recognition of ditopic trimethylammonium cations by a triple non-covalent interaction

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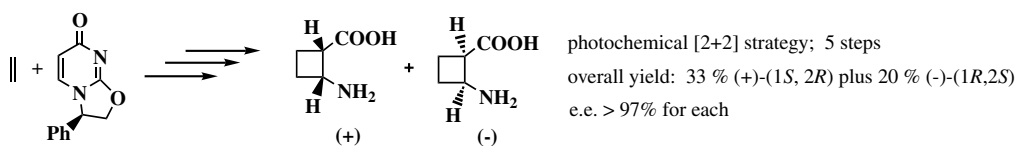
Giuseppe Arena, Salvatore Gentile, Fabio Giuseppe Gulino, Domenico Sciotto* and Carmelo Sgarlata



Synthesis of (+)-(1*S*,2*R*) and (-)-(1*R*,2*S*)-2-aminocyclobutane-1-carboxylic acids

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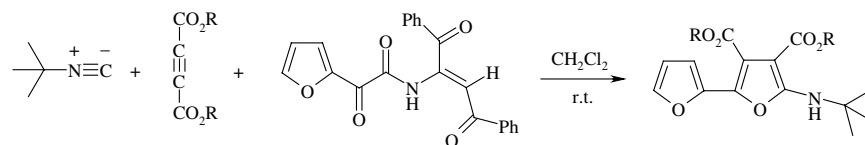
Christine Gauzy, Elisabeth Pereira, Sophie Faure and David J. Aitken*



A simple approach to the synthesis of dialkyl 5-*tert*-butylamino-[2,2']bifuranyl-3,4-dicarboxylates

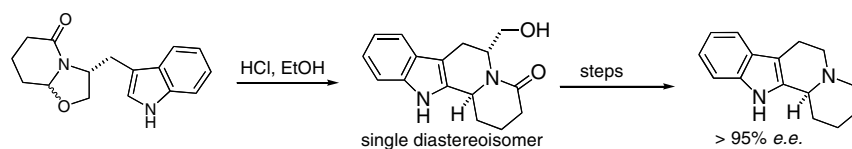
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Issa Yavari,* Farough Nasiri, Loghman Moradi and Hoorieh Djahaniani

**Highly stereoselective synthesis of the indolo[2,3-*a*]quinolizine ring system and application to indole natural product synthesis**

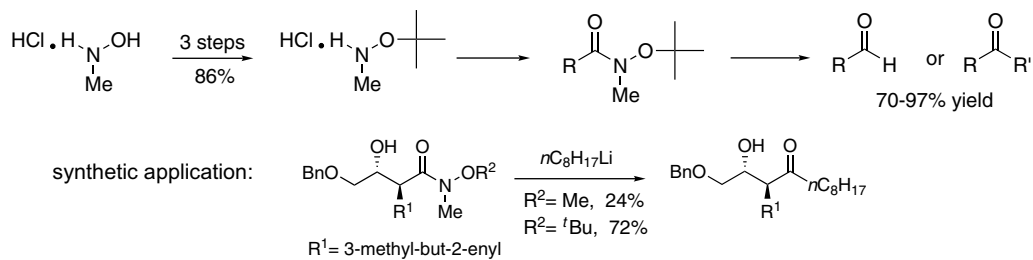
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Steven M. Allin,* Christopher I. Thomas, James E. Allard, Kevin Doyle and Mark R. J. Elsegood

**Synthesis of modified Weinreb amides: *N*-*tert*-butoxy-*N*-methylamides as effective acylating agents**

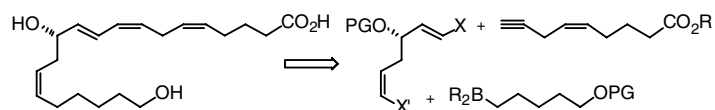
pp 7107–7110

Olivier Labeeuw, Phannarath Phansavath* and Jean-Pierre Genêt*

**A concise synthesis of 12(*S*),20-dihydroxyeicosa-5(*Z*),8(*Z*),10(*E*),14(*Z*)-tetraenoic acid, an endogenous vasoconstrictor**

pp 7111–7113

S. G. Jagadeesh, L. Manmohan Reddy, Alberto Nasjletti and J. R. Falck*

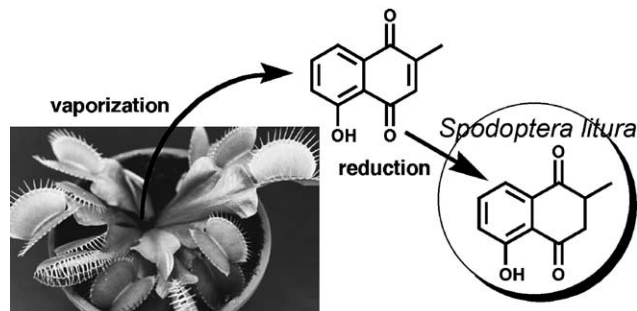


12(*S*),20-DiHETE, prepared by a combination of Evans–Crimmins asymmetric alkylation, Sonogashira alkylation, and Suzuki–Miyaura cross-coupling, significantly sensitizes phenylephrine-induced vasoconstriction of rat renal interlobar arteries.

Mechanism of antifeedant activity of plumbagin, a compound concerning the chemical defense in carnivorous plant

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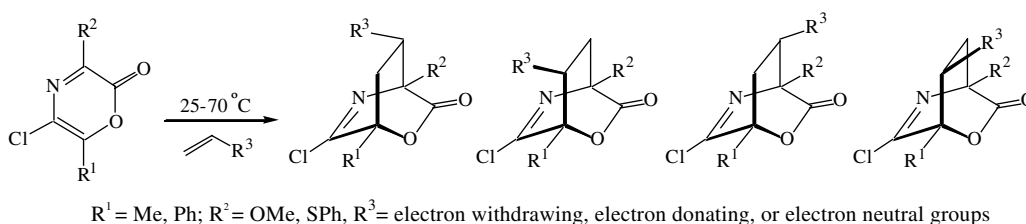
Takashi Tokunaga, Noboru Takada and Minoru Ueda*



Control of electron demand in the cycloadditions of 2(H)-1,4-oxazin-2-ones

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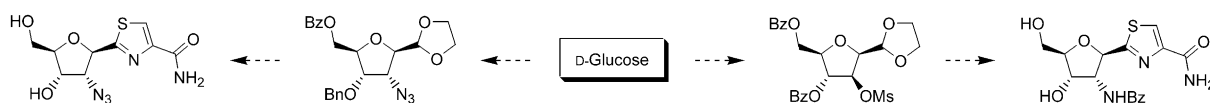
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Synthesis and biological evaluation of two novel 2'-substituted tiazofurin analogues

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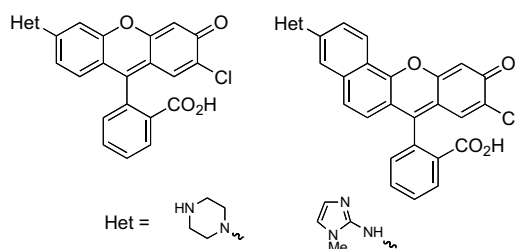
Mirjana Popsavin,* Ljilja Torović, Vesna Kojić, Gordana Bogdanović and Velimir Popsavin



Synthesis of fluorescein derivatives containing metal-coordinating heterocycles

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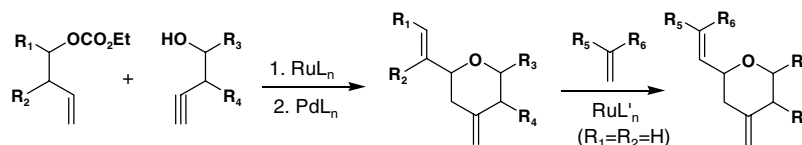
Matthew A. Clark, Scott A. Hilderbrand and Stephen J. Lippard*



Stereocontrolled synthesis of 2-alkenyl-4-methylene tetrahydropyrans

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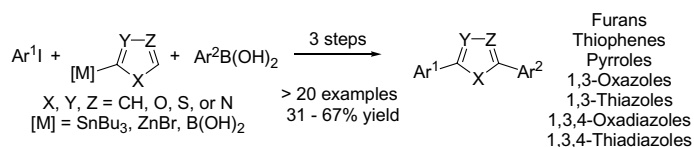
Eric C. Hansen and Daesung Lee*



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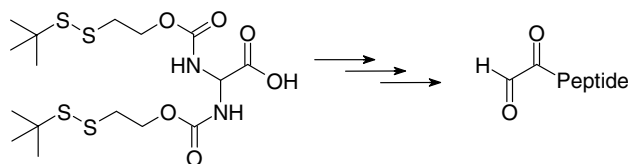
Petr Vachal* and Leslie M. Toth



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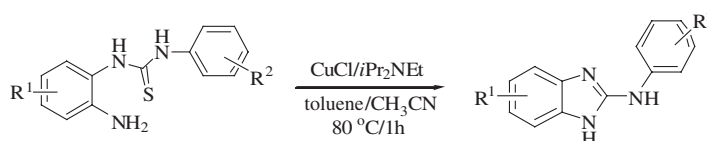
Samia Far and Oleg Melnyk*



A practical synthesis of 2-(N-substituted)-aminobenzimidazoles utilizing CuCl-promoted intramolecular cyclization of N-(2-aminoaryl)thioureas

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Xiao-jun Wang,* Li Zhang, Yibo Xu, Dhileepkumar Krishnamurthy and Chris H. Senanayake




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*Corresponding author

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