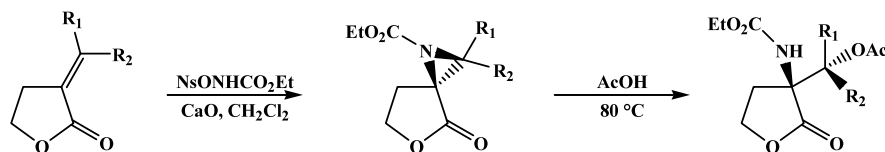
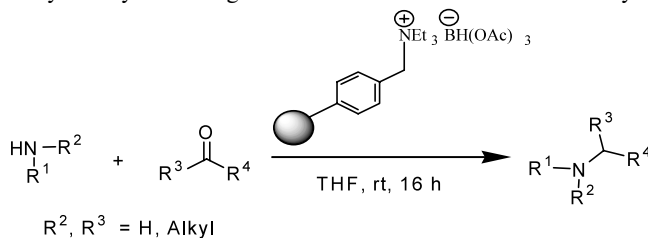
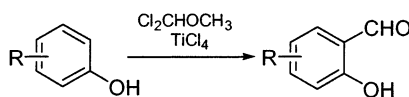


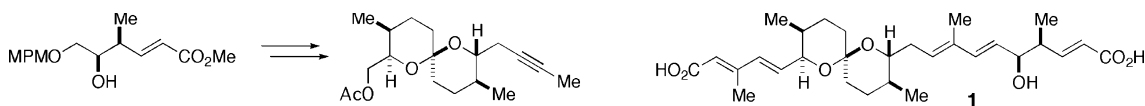
**Synthesis of  $\alpha$ -amino  $\gamma$ -butyrolactone derivatives by aziridination of  $\alpha$ -ylidene  $\gamma$ -butyrolactones***Tetrahedron Letters 44 (2003) 4953*Tecla Gasperi,<sup>a,b</sup> M. Antonietta Loreto,<sup>a,b,\*</sup> Paolo A. Tardella<sup>a</sup> and Elisabetta Veri<sup>a</sup><sup>a</sup>Dipartimento di Chimica, Università 'La Sapienza', P. le Aldo Moro 5, I-00185 Roma, Italy<sup>b</sup>Istituto C.N.R. di Chimica Biomolecolare, Sezione Roma, Dipartimento di Chimica, Università 'La Sapienza', Roma, Italy**Polymer-supported triacetoxyborohydride: a novel reagent of choice for reductive amination***Tetrahedron Letters 44 (2003) 4957*Sukanta Bhattacharyya,<sup>\*</sup> Sunil Rana, Owen W. Gooding and Jeff Labadie

Argonaut Technologies, 1101 Chess Drive, Foster City, CA 94404, USA

A novel polymer-supported triacetoxyborohydride reagent for reductive amination of aldehydes and ketones is reported.

***o*-Formylation of electron-rich phenols with dichloromethyl methyl ether and  $\text{TiCl}_4$** *Tetrahedron Letters 44 (2003) 4961*Oscar García,<sup>a</sup> Ernesto Nicolás<sup>a,\*</sup> and Fernando Albericio<sup>a,b,\*</sup><sup>a</sup>Departament of Organic Chemistry, University of Barcelona, E-08028 Barcelona, Spain<sup>b</sup>Barcelona Biomedical Research Institute, Barcelona Science Park, University of Barcelona, Josep Samitier 1, E-08028 Barcelona, SpainFormylation of electron-rich phenols is accomplished with dichloromethyl methyl ether and  $\text{TiCl}_4$ . The reaction gives excellent yields, good regioselectivity, and does not lead to diformylation.**Efficient synthesis of the 6,6-spiroacetal of spirofungin A***Tetrahedron Letters 44 (2003) 4965*Takeshi Shimizu,<sup>\*</sup> Junichi Kusaka, Haruaki Ishiyama and Tadashi Nakata

RIKEN (The Institute of Physical and Chemical Research), Wako, Saitama 351-0198, Japan

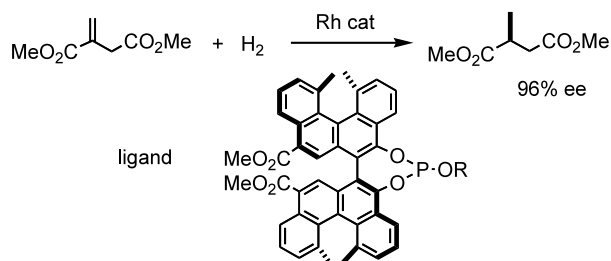
The 6,6-spiroacetal segment of spirofungin A (**1**), an antifungal was efficiently prepared via the coupling reaction of the Weinreb amide and the alkyne which are readily available from the common intermediate.

**Enantioselective hydrogenation of itaconate using rhodium bihelicenol phosphite complex. Matched/mismatched phenomena between helical and axial chirality**

*Tetrahedron Letters 44 (2003) 4969*

Daisuke Nakano and Masahiko Yamaguchi\*

Department of Organic Chemistry, Graduate School of Pharmaceutical Sciences, Tohoku University, Aoba, Sendai 980-8578, Japan



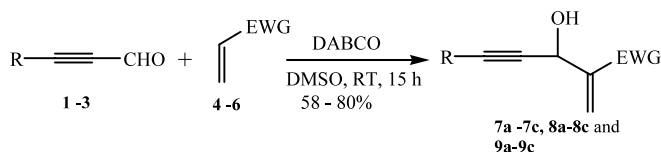
**The use of acetylenic aldehydes in Baylis–Hillman reactions: synthesis of versatile allyl propargyl alcohols**

*Tetrahedron Letters 44 (2003) 4973*

Palakodety Radha Krishna,\* Empati Raja Sekhar and V. Kannan

D-206/B, Discovery Laboratory, Organic Chemistry Division-III, Indian Institute of Chemical Technology, Hyderabad-500 007, India

The utility of acetylenic aldehydes in Baylis–Hillman reactions giving allyl propargyl alcohols is reported.

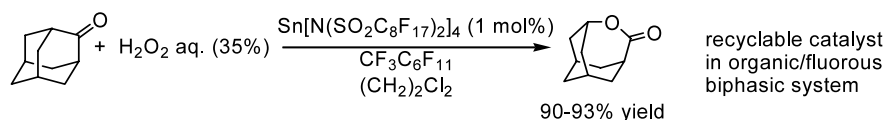


**Tin(IV) bis(perfluoroalkanesulfonyl)amide complex as a highly selective Lewis acid catalyst for Baeyer–Villiger oxidation using hydrogen peroxide in a fluorous recyclable phase**

*Tetrahedron Letters 44 (2003) 4977*

Xiuhua Hao, Osamu Yamazaki, Akihiro Yoshida and Joji Nishikido\*

The Noguchi Institute, 1-8-1 Kaga, Itabashi-ku, Tokyo 173-0003, Japan

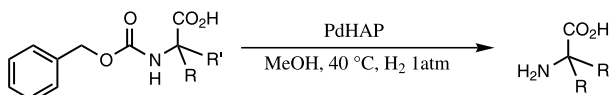


**Efficient deprotection of *N*-benzyloxycarbonyl group from amino acids by hydroxyapatite-bound Pd catalyst in the presence of molecular hydrogen**

*Tetrahedron Letters 44 (2003) 4981*

Makoto Murata, Takayoshi Hara, Kohsuke Mori, Masahiko Ooe, Tomoo Mizugaki, Kohki Ebitani and Kiyotomi Kaneda\*

Department of Chemical Science and Engineering, Graduate School of Engineering Science, Osaka University, 1–3 Machikaneyama, Toyonaka, Osaka 560-8531, Japan

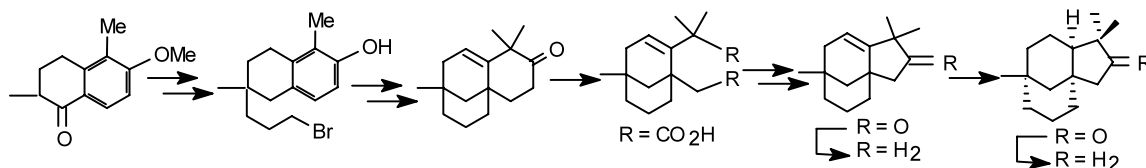


**Stereocontrolled total syntheses of ( $\pm$ )-clovan-3-one and ( $\pm$ )-*epi*-clovan-3-one and a facile total synthesis of ( $\pm$ )-pseudoclovene-A**

*Tetrahedron Letters* 44 (2003) 4985

Tapas Paul and Debabrata Mukherjee\*

*Department of Organic Chemistry, Indian Association for the Cultivation of Science, Calcutta-700 032, India*

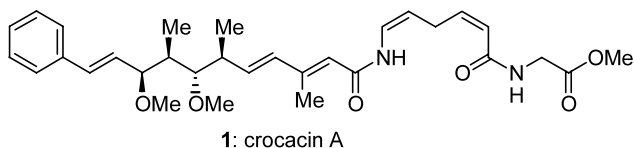


**Total synthesis of (+)-crocin A**

*Tetrahedron Letters* 44 (2003) 4989

Tushar K. Chakraborty\* and Pasunoori Laxman

*Indian Institute of Chemical Technology, Hyderabad 500 007, India*



**Studies towards the biomimetic synthesis of bissequiterpene lactones**

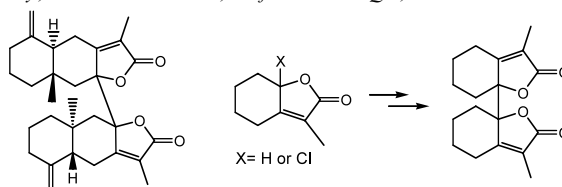
*Tetrahedron Letters* 44 (2003) 4993

Sharanjeet K. Bagal,<sup>a</sup> Robert M. Adlington,<sup>a</sup> Rodolfo Marquez,<sup>b</sup> Andrew R. Cowley<sup>c</sup> and Jack E. Baldwin<sup>a,\*</sup>

<sup>a</sup>Dyson Perrins Laboratory, Department of Chemistry, Oxford University, South Parks Road, Oxford OX1 3QY, UK

<sup>b</sup>Department of Life Sciences, University of Dundee, Dundee DD1 5EH, UK

<sup>c</sup>Chemical Crystallography, Oxford University, South Parks Road, Oxford OX1 3QR, UK

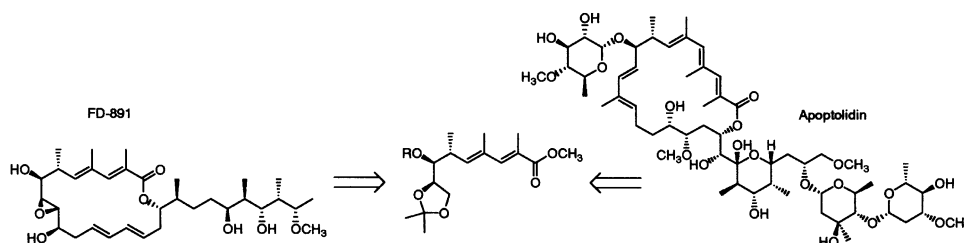


**A divergent approach to apoptolidin and FD-891: asymmetric preparation of a common intermediate**

*Tetrahedron Letters* 44 (2003) 4997

Shu-Sin Chng, Jia Xu and Teck-Peng Loh\*

*Department of Chemistry, National University of Singapore, 3 Science Drive 3, Singapore 117543*

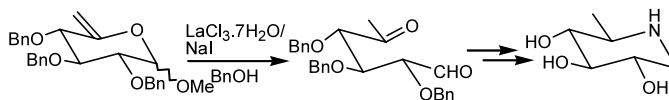


**LaCl<sub>3</sub>·7H<sub>2</sub>O/NaI/benzyl alcohol: a novel reagent system for regioselective hydration of glycols: application in the synthesis of 1,6-dideoxynojirimycin**

*Tetrahedron Letters 44 (2003) 5001*

Shikha Rani, Aditi Agarwal and Yashwant D. Vankar\*

*Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur 208016, India*



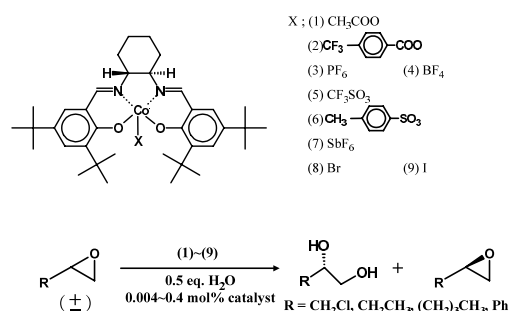
**Catalytic activity and recyclability of new enantioselective chiral Co-salen complexes in the hydrolytic kinetic resolution of epichlorohydrine**

*Tetrahedron Letters 44 (2003) 5005*

Geon-Joong Kim,<sup>a,\*</sup> Hosung Lee<sup>b</sup> and Seong-Jin Kim<sup>b</sup>

<sup>a</sup>*Department of Chemical Engineering, Inha University, Incheon 402-751, Republic of Korea*

<sup>b</sup>*RS tech Corp. # 305 Venture Town, 1688-5, Sinil-dong, Daedeok-gu, Daejeon 306-230, Republic of Korea*



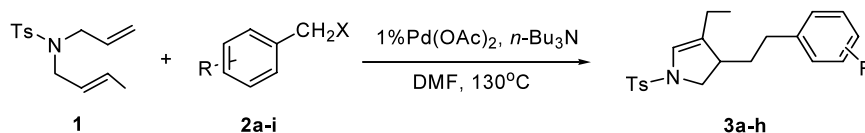
**Palladium-catalyzed cascade reactions of benzyl halides with N-allyl-N-(2-butenyl)-p-toluenesulfonamide**

*Tetrahedron Letters 44 (2003) 5009*

Yi-min Hu, Jie Zhou, Xiang-tian Long, Jian-lin Han, Chen-jian Zhu and Yi Pan\*

*School of Chemistry and Chemical Engineering, Nanjing University, Nanjing 210093, PR China*

Reaction of benzyl halides with N-allyl-N-(2-butenyl)-p-toluenesulfonamide **1** in the presence of a palladium catalyst afforded dihydropyrroles **3** in moderate to excellent yields.



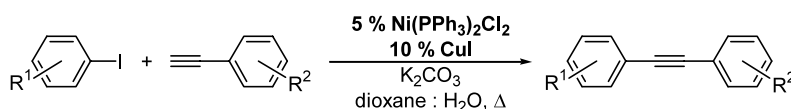
**The nickel-catalyzed Sonogashira–Hagihara reaction**

*Tetrahedron Letters 44 (2003) 5011*

Irina P. Beletskaya,\* Gennadij V. Latyshev, Alexey V. Tsvetkov and Nikolai V. Lukashev

*Department of Chemistry, Moscow State Lomonosov University, Vorobyevy Gory, Moscow 119992, Russia*

The Sonogashira–Hagihara coupling of terminal acetylenes with aryl iodides in the presence of a nickel catalyst and CuI was investigated. The reaction proceeds rapidly in aqueous dioxane in the presence of Ni(PPh<sub>3</sub>)<sub>2</sub>Cl<sub>2</sub> with high yields of disubstituted tolans being obtained. The reaction seems to be an inexpensive alternative to the palladium-catalyzed process.



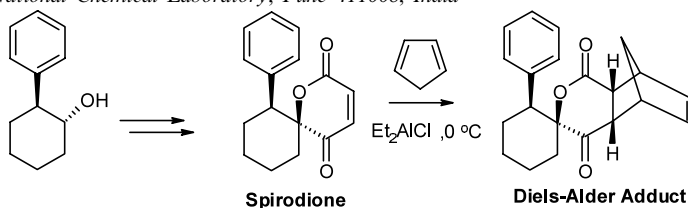
**Synthesis of novel chiral spirodione, (6*R*,7*R*)-7-phenyl-1-oxaspiro-[5.5]undec-3-ene-2,5-dione: application to the asymmetric Diels–Alder reaction with high  $\pi$ -facial selectivity**

*Tetrahedron Letters* 44 (2003) 5015

SubbaRao V. Kandula,<sup>a</sup> Vedavati G. Puranik<sup>b</sup> and Pradeep Kumar<sup>a,\*,</sup>

<sup>a</sup>Division of Organic Chemistry: Technology, National Chemical Laboratory, Pune 411008, India

<sup>b</sup>Division of Physical Chemistry, National Chemical Laboratory, Pune 411008, India

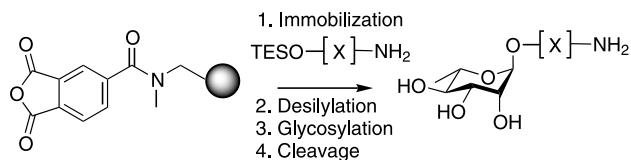


**Trimellitic anhydride linker (TAL)—highly orthogonal conversions of primary amines employed in the parallel synthesis of labeled carbohydrate derivatives**

*Tetrahedron Letters* 44 (2003) 5019

Jörg Bauer and Jörg Rademann\*

Institute for Organic Chemistry, University of Tübingen, Auf der Morgenstelle 18, 72076 Tübingen, Germany

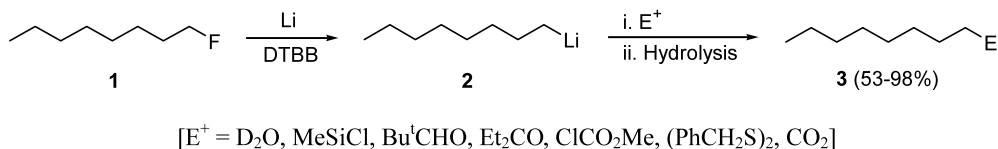


**Aliphatic organolithiums by fluorine–lithium exchange: *n*-octyllithium**

*Tetrahedron Letters* 44 (2003) 5025

Miguel Yus,\* Raquel P. Herrera and Albert Guijarro

Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apdo. 99, 03080 Alicante, Spain

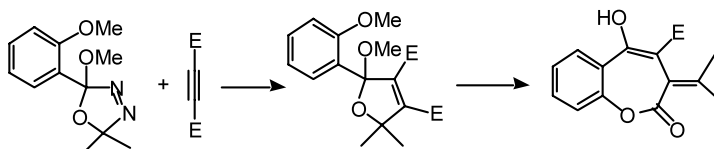


**Synthesis of benzoxepins via rearrangement of dihydrofurans derived from carbonyl ylide [3+2] cycloaddition**

*Tetrahedron Letters* 44 (2003) 5029

James H. Rigby\* and Mona Aasuml

Department of Chemistry, Wayne State University, Detroit, MI 48202, USA



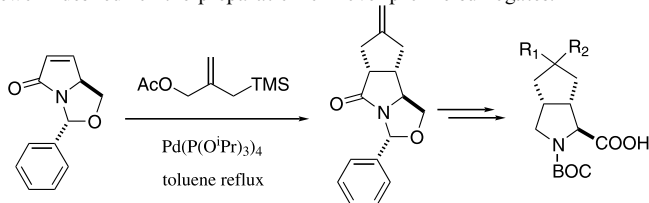
**[3+2] Cycloaddition of trimethylenemethane (TMM) to  $\alpha,\beta$ -unsaturated  $\gamma$ -lactam. Preparation of 5,5-fused proline surrogates**

Tetrahedron Letters 44 (2003) 5033

Edwin Jao,\* Stephane Bogen,\* Anil K. Saksena and Viyyoor Girijavallabhan

Schering-Plough Research Institute, 2015 Galloping Hill Road, Kenilworth, NJ 07033, USA

Unsaturated lactam derived from (S)-pyroglutaminol undergoes a totally stereoselective cycloaddition reaction with (2-(acetoxymethyl)-3-allyl)trimethylsilane (TMM precursor) in the presence of  $\text{Pd}(\text{P}(\text{O}i\text{Pr})_3)_4$  in refluxing toluene. This reaction was efficiently used to introduce the 5,5-fused framework desired for the preparation of novel proline surrogates.

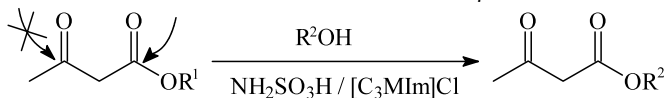
**Ionic liquid-regulated sulfamic acid: chemoselective catalyst for the transesterification of  $\beta$ -ketoesters**

Tetrahedron Letters 44 (2003) 5037

Wang Bo, Yang Li Ming\* and Suo Ji Shuan

State Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou 730000, China

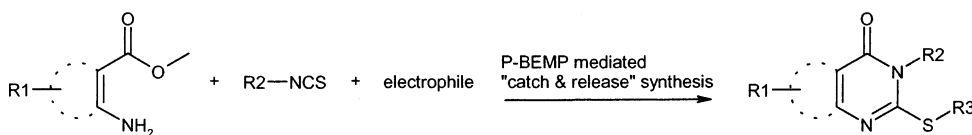
1-Propyl-3-methylimidazolium chloride ( $[\text{C}_3\text{MIm}]\text{Cl}$ ) ionic liquid regulated sulfamic acid ( $\text{NH}_2\text{SO}_3\text{H}$ ), has been employed to chemoselectively catalyze transesterification of  $\beta$ -ketoesters. Compared with common organic solvents,  $[\text{C}_3\text{MIm}]\text{Cl}$  not only acted as a solvent to dissolve  $\text{NH}_2\text{SO}_3\text{H}$ , but also made it a chemoselective catalyst, so that the undesired reactions could be effectively inhibited because of the limited attack of alcohols to  $\beta$ -site of acetoacetate.

**A convenient 'catch and release' synthesis of fused 2-alkylthio-pyrimidinones mediated by polymer-bound BEMP**

Tetrahedron Letters 44 (2003) 5041

Gregory L. Adams, Todd L. Graybill,\* Robert M. Sanchez, Victoria W. Magaard, George Burton and Ralph A. Rivero

GlaxoSmithKline, Discovery Research, 1250 S. Collegeville Road, Collegeville PA 19426, USA

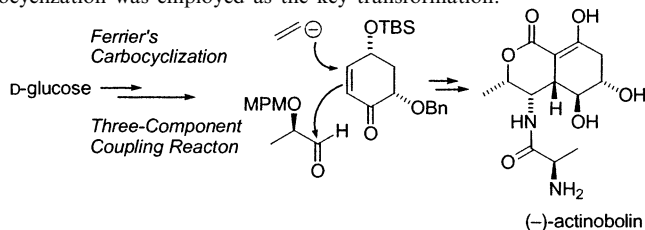
**New synthesis of (-)- and (+)-actinobolin from D-glucose**

Tetrahedron Letters 44 (2003) 5047

Satoshi Imuta, Shinya Ochiai, Miho Kuribayashi and Noritaka Chida\*

Department of Applied Chemistry, Faculty of Science and Technology, Keio University, 3-14-1 Hiyoshi, Kohoku-ku, Yokohama 223-8522, Japan

The synthesis of (-)- and (+)-actinobolin is described. A three-component coupling reaction of cyclohexenone derivatives derived from D-glucose by way of Ferrier's carbocyclization was employed as the key transformation.



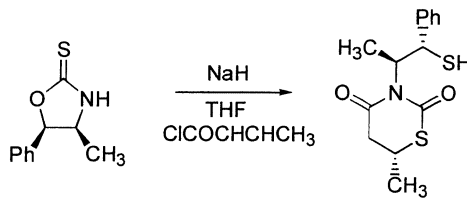
### A novel nucleophilic attack to *N*-enoyl oxazolidinethiones

*Tetrahedron Letters* 44 (2003) 5053

Aurelio Ortiz,<sup>a,\*</sup> Leticia Quintero,<sup>a</sup> Guadalupe Mendoza<sup>a</sup> and Sylvain Bernès<sup>b</sup>

<sup>a</sup>Centro de investigación de la Facultad de Ciencias Químicas, Puebla Pue. 72570, Mexico

<sup>b</sup>Instituto de Ciencias de la Benemérita Universidad Autónoma de Puebla, Puebla Pue. 72570, Mexico

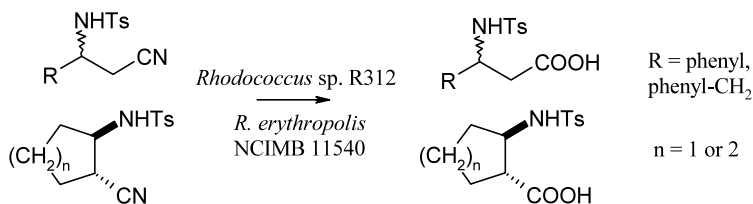


### A new approach to $\beta$ -amino acids: biotransformation of *N*-protected $\beta$ -amino nitriles

*Tetrahedron Letters* 44 (2003) 5057

Margit Preiml, Kerstin Hillmayer and Norbert Klempier\*

Institute of Organic Chemistry, Graz University of Technology, Stremayrgasse 16, A-8010 Graz, Austria



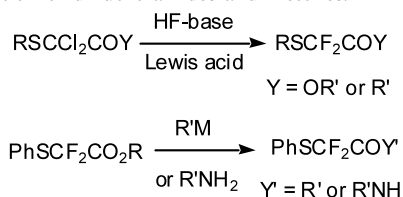
### Fluorination of $\alpha,\alpha$ -dichlorosulfides: access to *gem*-difluorothioethers as useful building blocks

*Tetrahedron Letters* 44 (2003) 5061

Sonia Gouault, Cécile Guérin, Laurent Lemoucheux, Thierry Lequeux\* and Jean-Claude Pommelet\*

Laboratoire de Chimie Moléculaire et Thioorganique, Université de Caen-ENSICAen, UMR CNRS 6507, 6 Boulevard du Maréchal Juin 14050 Caen cedex, France

The synthesis of alkylsulfanyl *gem*-difluorocarbonyl compounds is described by the Halex reaction from corresponding dichlorosulfides. Resulting difluorothioester allowed the preparation of difluoro-amides and -ketones.



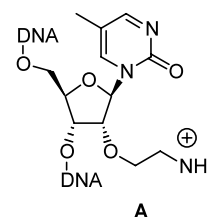
### Dual recognition of a C–G pyrimidine–purine inversion site: synthesis and binding properties of triplex forming oligonucleotides containing 2'-aminoethoxy-5-methyl-1*H*-pyrimidin-2-one ribonucleosides

*Tetrahedron Letters* 44 (2003) 5065

Sabrina Buchini and Christian J. Leumann\*

Department of Chemistry and Biochemistry, University of Bern, Freiestrasse 3, CH-3012 Bern, Switzerland

Oligonucleotides containing the modified nucleoside unit **A** were synthesized and their triplex forming properties analyzed.



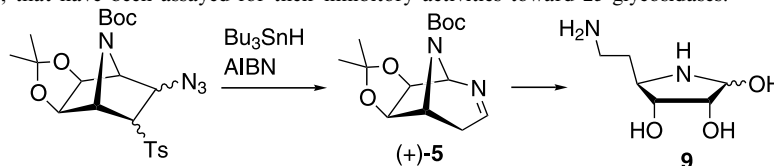
**Regioselective rearrangement of 7-azabicyclo[2.2.1]hept-2-aminyl radicals: first synthesis of 2,8-diazabicyclo[3.2.1]oct-2-enes and their conversion into 5-(2-aminoethyl)-2,3,4-trihydroxypyrrolidines, new inhibitors of  $\alpha$ -mannosidases**

*Tetrahedron Letters 44 (2003) 5069*

Antonio J. Moreno-Vargas and Pierre Vogel\*

*Institut de Chimie Moléculaire et Biologique de l'Ecole Polytechnique Fédérale de Lausanne, EPFL-BCH, CH-1015 Lausanne-Dorigny, Switzerland*

Enantiomerically pure bicyclic imines (+)-**5** and (–)-**5** have been prepared for the first time and converted into hemiaminal **9** and its enantiomer **10**, respectively, that have been assayed for their inhibitory activities toward 25 glycosidases.



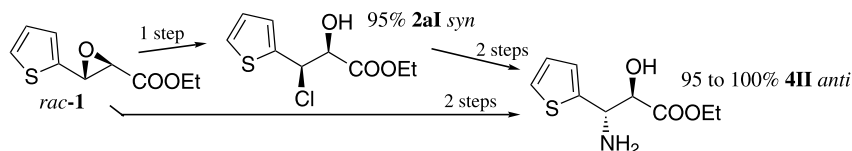
**anti Ethyl  $\beta$ -thienyl- $\beta$ -amino- $\alpha$ -hydroxy propionate: a regio and stereoselective ring opening of *trans* ethyl 2-thienyl-glycidate**

*Tetrahedron Letters 44 (2003) 5075*

A. Solladié-Cavallo,<sup>a,\*</sup> P. Lupattelli,<sup>a,b,\*</sup> C. Bonini<sup>b</sup> and M. De Bonis<sup>a,b</sup>

<sup>a</sup>*Laboratoire de stéréochimie organométallique associé au CNRS, ECPM/Université L. Pasteur, 25 rue Becquerel, 67087 Strasbourg, France*

<sup>b</sup>*Dipartimento di Chimica, Università degli Studi della Basilicata, Via Nazario Sauro 85, 85100 Potenza, Italy*



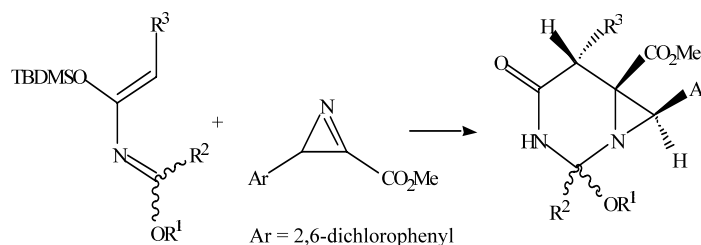
**Cycloaddition of methyl 2-(2,6-dichlorophenyl)-2*H*-azirine-3-carboxylate to electron-rich 2-azadienes**

*Tetrahedron Letters 44 (2003) 5079*

M. José Alves,\* M. Miguel Durães and A. Gil Fortes

*Departamento de Química, Universidade do Minho, Campus de Gualtar, 4710-057 Braga, Portugal*

*tert*-Butyldimethylsilyloxy-2-azadienes were reacted with 3-methyl-2-(2,6-dichlorophenyl)-2*H*-azirine carboxylate to form pyrimidones.



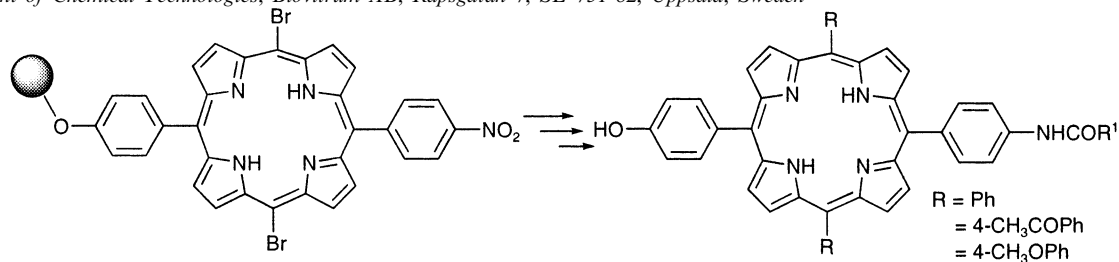
**Parallel synthesis of unsymmetrically substituted tetraphenyl porphyrins on Wang resin**

*Tetrahedron Letters 44 (2003) 5083*

Baolu Shi,<sup>a</sup> Martin Scobie<sup>b</sup> and Ross W. Boyle<sup>a,\*</sup>

<sup>a</sup>*Department of Chemistry, University of Hull, Cottingham Road, Hull, East Yorkshire HU6 7RX, UK*

<sup>b</sup>*Department of Chemical Technologies, Biovitrum AB, Rapsgatan 7, SE-751 82, Uppsala, Sweden*





### A comparison of coordination ability of hetero atoms: a Li<sup>+</sup> and Na<sup>+</sup> selective pyridinophane-based cryptand

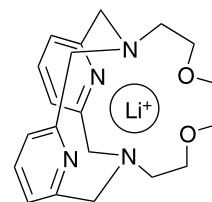
*Tetrahedron Letters 44 (2003) 5087*

Hiroyuki Takemura,<sup>a,\*</sup> Hiroyuki Nakamichi,<sup>b</sup> Rika Nogita,<sup>c</sup> Tetsuo Iwanaga,<sup>c</sup> Mikio Yasutake<sup>c</sup> and Teruo Shinmyozu<sup>c</sup>

<sup>a</sup>Department of Chemistry, Faculty of Science, Kyushu University, Ropponmatsu 4-2-1, Chuo-ku, Fukuoka 810-8560, Japan

<sup>b</sup>Department of Chemistry, Faculty of Science, Kyushu University, Hakozaki 6-10-1, Higashi-ku, Fukuoka 812-8581, Japan

<sup>c</sup>Institute for Fundamental Research of Organic Chemistry, Kyushu University, Hakozaki 6-10-1, Higashi-ku, Fukuoka 812-8581, Japan



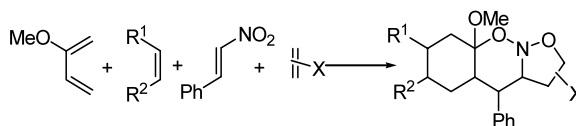
### A novel domino (4+2)/(4+2)/(3+2) cycloaddition reaction leading to highly functionalized polycyclic nitroso acetals

*Tetrahedron Letters 44 (2003) 5091*

Leon W. A. van Berkom,<sup>a</sup> George J. T. Kuster,<sup>a</sup> Faysal Kalmoua,<sup>a</sup> René de Gelder<sup>b</sup> and Hans W. Scheeren<sup>a,\*</sup>

<sup>a</sup>Department of Organic Chemistry, University of Nijmegen, Toernooiveld 1, 6525 ED Nijmegen, The Netherlands

<sup>b</sup>Department of Inorganic Chemistry, University of Nijmegen, Toernooiveld 1, 6525 ED Nijmegen, The Netherlands



### Suzuki cross-coupling reactions using reverse-phase glass beads in aqueous media

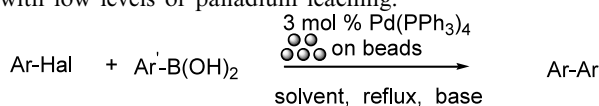
*Tetrahedron Letters 44 (2003) 5095*

Kokovi M. Lawson Daku,<sup>a</sup> Roger F. Newton,<sup>b</sup> Simon P. Pearce,<sup>b</sup> Julia Vile<sup>b</sup> and Jonathan M. J. Williams<sup>a,\*</sup>

<sup>a</sup>Department of Chemistry, University of Bath, Claverton Down, Bath BA2 7AY, UK

<sup>b</sup>Maybridge plc, Trevillet, Tintagel, Cornwall PL34 0HW, UK

Reverse-phase glass beads have been employed in Suzuki reactions to provide, in aqueous media, a route to diverse polar substrates in good yield and with low levels of palladium leaching.

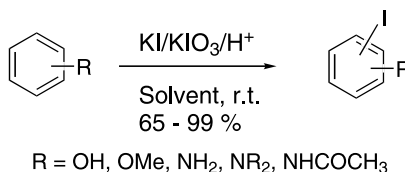


### A new, environment friendly protocol for iodination of electron-rich aromatic compounds

*Tetrahedron Letters 44 (2003) 5099*

Subbarayappa Adimurthy, Gadde Ramachandraiah,\* Pushpito K. Ghosh\* and Ashutosh V. Bedekar\*

Central Salt and Marine Chemicals Research Institute, G.B. Road, Bhavnagar 364 002, India



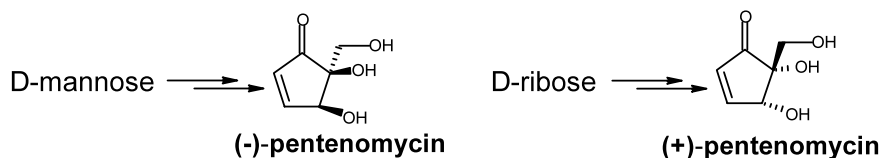
### Stereoselective synthesis of (-)- and (+)-pentenomycins using RCM

*Tetrahedron Letters 44 (2003) 5103*

G. Venkata Ramana and B. Venkateswara Rao\*

*Organic Division III, Indian Institute of Chemical Technology, Hyderabad 500 007, India*

The synthesis of (-)- and (+)-pentenomycins are achieved by reductive iodo elimination and RCM.

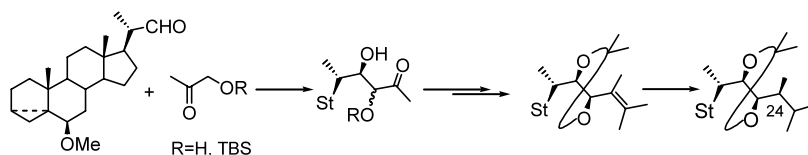


### Novel construction of the brassinolide side chain

*Tetrahedron Letters 44 (2003) 5107*

Lizeng Peng, Huawei Liu, Tao Zhang, Fengzhi Zhang, Tiansheng Mei, Yi Li and Yulin Li\*

*National Laboratory of Applied Organic Chemistry, Institute of Organic Chemistry, Lanzhou University, Lanzhou 730000, PR China*

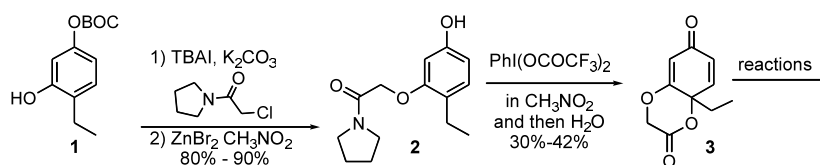


### Oxidative dearomatization of resorcinol derivatives: useful conditions leading to valuable cyclohexa-2,5-dienones

*Tetrahedron Letters 44 (2003) 5109*

Ryan W. Van De Water, Christophe Hoarau and Thomas R. R. Pettus\*

*Department of Chemistry and Biochemistry, University of California, Santa Barbara, CA 93106-9510, USA*

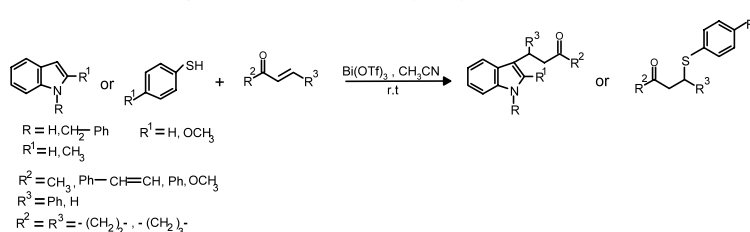


### Conjugate addition of indoles and thiols with electron-deficient olefins catalyzed by Bi(OTf)<sub>3</sub>

*Tetrahedron Letters 44 (2003) 5115*

M. Mujahid Alam, Ravi Varala and Srinivas R. Adapa\*

*Inorganic Chemistry Division Indian Institute of Chemical Technology, Hyderabad 500 007, India*



## Solid-phase synthesis of five-dimensional libraries via a tandem Petasis–Ugi multi-component condensation reaction

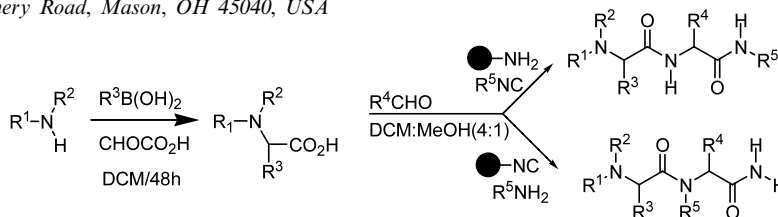
*Tetrahedron Letters* 44 (2003) 5121

David E. Portlock,<sup>a,\*</sup> Dinabandhu Naskar,<sup>b,\*</sup> Laura West,<sup>a</sup> Ryszard Ostaszewski<sup>c</sup> and Jack J. Chen<sup>a</sup>

<sup>a</sup>Combinatorial Chemistry Section, Procter & Gamble Pharmaceuticals, Health Care Research Center, 8700 Mason Montgomery Road, Mason, OH 45040, USA

<sup>b</sup>Chembiotek Research International, Block BN, Sector-V, Salt Lake City, Calcutta-700 091, India

<sup>c</sup>Warsaw University of Technology, Noakowskiego 3, Warsaw 00-664, Poland

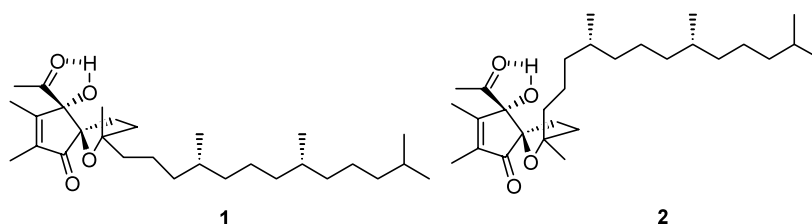


## Two novel $\alpha$ -tocopheroids from the aerial roots of *Ficus microcarpa*

*Tetrahedron Letters* 44 (2003) 5125

Yi-Ming Chiang and Yueh-Hsiung Kuo\*

Department of Chemistry, National Taiwan University, Taipei, Taiwan, Republic of China

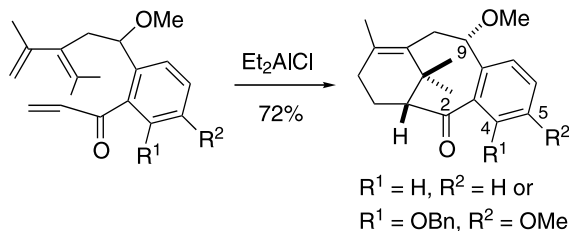


## A stereoselective intramolecular Diels–Alder strategy for the tricyclo[9.3.1.0<sup>3,8</sup>]pentadecane core of aromatic C-ring taxanes

*Tetrahedron Letters* 44 (2003) 5129

David V. Smil, Alain Laurent, Nidejda S. Spassova and Alex G. Fallis\*

Centre for Research in Biopharmaceuticals, Department of Chemistry, University of Ottawa, 10 Marie Curie, Ottawa, Ontario, Canada K1N 6N5

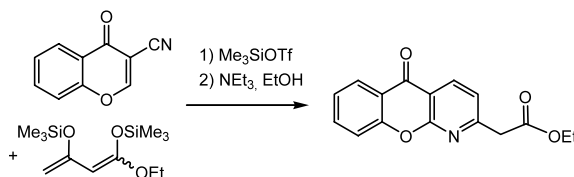


## Efficient synthesis of benzopyrano[2,3-*b*]pyridines by sequential reactions of 1,3-bis-silyl enol ethers with 3-cyanobenzopyrylium triflates

*Tetrahedron Letters* 44 (2003) 5133

Peter Langer\* and Bettina Appel

Institut für Chemie und Biochemie der Ernst-Moritz-Arndt-Universität Greifswald, Soldmannstraße 16, D-17487 Greifswald, Germany

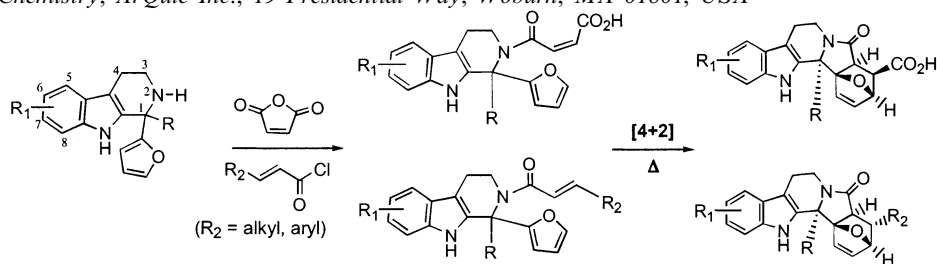


**Access to the noryohimban [6,5,6,5,6] ring system via an intramolecular furan Diels–Alder reaction**

*Tetrahedron Letters 44 (2003) 5137*

Demosthenes Fokas,\* Jean E. Patterson, Gregory Slobodkin and Carmen M. Baldino

Department of Chemistry, ArQule Inc., 19 Presidential Way, Woburn, MA 01801, USA



**Syntheses, addition–eliminations, and addition–displacements of 5-(bromomethylene)hydantoins**

*Tetrahedron Letters 44 (2003) 5141*

Naresh C. Mathur, Sau K. Wong and Harold Shechter\*

Department of Chemistry, The Ohio State University, Columbus, OH 43210, USA

