

## Graphical abstracts

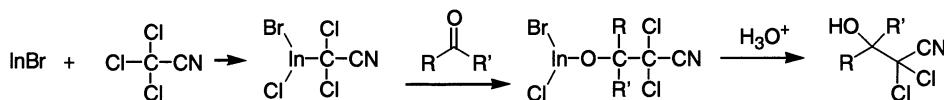
**Indium(I) bromide-mediated dichlorocyanomethylation of carbonyl compounds. The preparation of 2,2-dichloro-3-hydroxynitriles**

*Tetrahedron Letters* 42 (2001) 4745

J. A. Nóbrega,<sup>a</sup> Simone M. C. Gonçalves<sup>a</sup> and C. Peppe<sup>b,\*</sup>

<sup>a</sup>Departamento de Química Fundamental, Universidade Federal de Pernambuco, Recife-PE 50.670-901, Brazil

<sup>b</sup>Laboratório de Materiais Inorgânicos, Departamento de Química, Universidade Federal de Santa Maria-RS 97105-900, Brazil



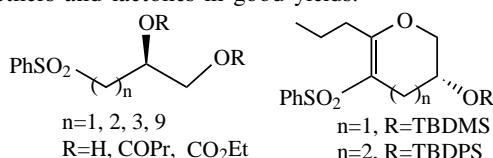
**Chiral non-racemic dihydroxysulfones via hydrolytic kinetic resolutions—synthesis of oxacyclic ring systems using intramolecular acylation strategies**

*Tetrahedron Letters* 42 (2001) 4747

Chunyang Jin, Raina D. Ramirez and Aravamudan S. Gopalan\*

*Department of Chemistry and Biochemistry, New Mexico State University, Las Cruces, NM 88003-8001, USA*

A number of chiral 1,2-dihydroxysulfones were easily prepared in high ee by the hydrolytic kinetic resolution of epoxysulfones. The intramolecular cyclization reactions of the acyl and ethoxycarbonyl derivatives of these sulfones gave a variety of functionalized cyclic ethers and lactones in good yields.



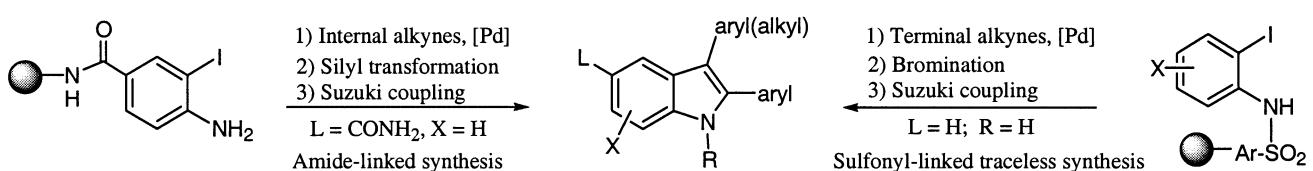
**Efficient synthesis of 3-substituted 2-arylindoles via Suzuki coupling reactions on the solid phase**

*Tetrahedron Letters* 42 (2001) 4751

Han-Cheng Zhang,\* Hong Ye, Kimberly B. White and Bruce E. Maryanoff

*Drug Discovery, The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA 19477-0776, USA*

2-Aryl-3-alkylindoles and 2,3-diarylindoles were prepared through an amide-linked or a traceless sulfonyl-linked solid-phase approach via palladium-mediated indole formation, followed by regioselective halogenation and Suzuki reaction.



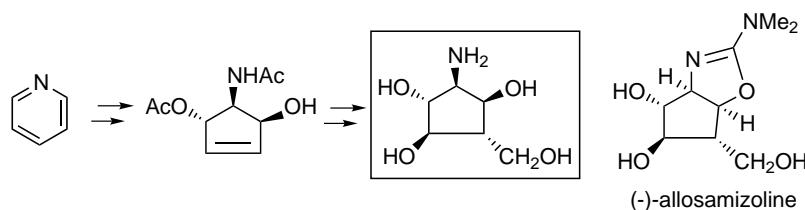
**A concise synthesis of the (−)-allosamizoline aminocyclopentitol based on pyridinium salt photochemistry**

*Tetrahedron Letters* 42 (2001) 4755

Haiyan Lu,<sup>a</sup> Patrick S. Mariano<sup>a,\*</sup> and Yu-fai Lam<sup>b</sup>

<sup>a</sup>Department of Chemistry, University of New Mexico, Albuquerque, NM 87131, USA

<sup>b</sup>Department of Chemistry and Biochemistry, University of Maryland, College Park, MD 20742, USA

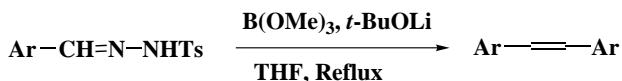


**Synthesis of stilbenes via homocoupling of aryl aldehyde tosylhydrazones**

Tetrahedron Letters 42 (2001) 4759

George W. Kabalka,\* Zhongzhi Wu and Yuhong Ju

Departments of Chemistry and Radiology, The University of Tennessee, Knoxville, TN 37996-1600, USA

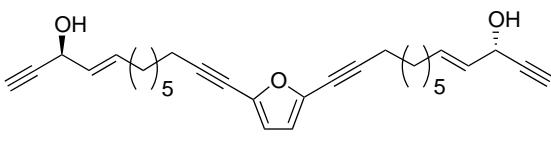


**A concise synthesis of (+)- and (-)-adociacetylene B**

Tetrahedron Letters 42 (2001) 4761

Benjamin W. Gung,\* Hamilton Dickson and Stephany Shockley

Department of Chemistry, Miami University, Oxford, OH 45056, USA

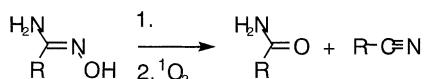


**Oxidative cleavage of the C=N bond during singlet oxygenations of amidoximates**

Tetrahedron Letters 42 (2001) 4765

Nüket Öcal and Ihsan Erden\*

San Francisco State University, Department of Chemistry and Biochemistry, 1600 Holloway Avenue, San Francisco, CA 94132, USA

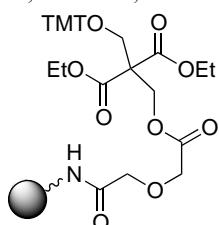
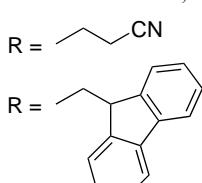
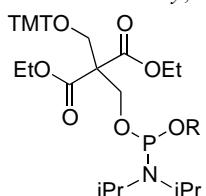


**Novel reagents for terminal phosphorylation and thiophosphorylation of synthetic oligonucleotides**

Tetrahedron Letters 42 (2001) 4769

Andrei P. Guzaev\* and Muthiah Manoharan

Department of Medicinal Chemistry, Isis Pharmaceuticals, 2292 Faraday Ave., Carlsbad, CA 92008, USA



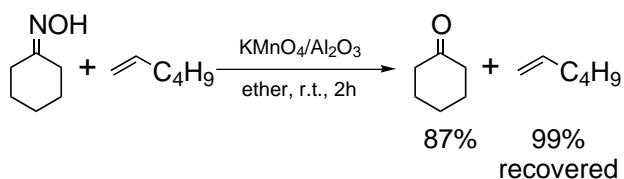
TMT = 4,4',4"-trimethoxytrityl group

**Selective deoxygenation using alumina supported potassium permanganate**

Tetrahedron Letters 42 (2001) 4775

William Chrisman, Michael J. Blankinship, Brady Taylor and Clifford E. Harris\*

Chemistry Department, Albion College, Albion, MI 49224, USA

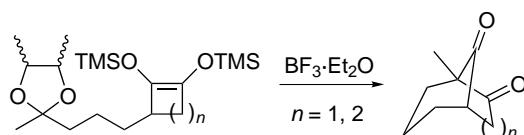


**First intramolecular geminal acylation: synthesis of bridged bicyclic diketones**

Tetrahedron Letters 42 (2001) 4779

Angela N. Blanchard and D. Jean Burnell\*

Department of Chemistry, Memorial University of Newfoundland, St. John's, Newfoundland, Canada A1B 3X7

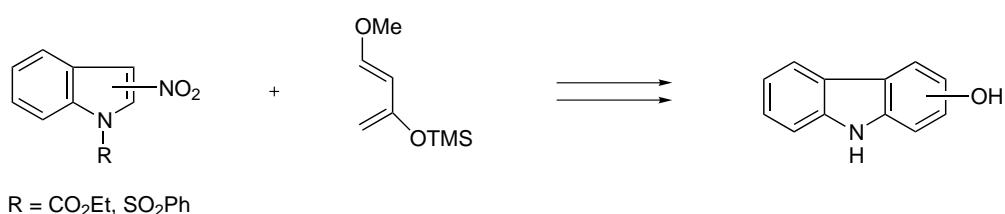


**Diels–Alder reactions of 2- and 3-nitroindoles. A simple hydroxy-carbazole synthesis**

Tetrahedron Letters 42 (2001) 4783

Tara L. S. Kishbaugh and Gordon W. Gribble\*

Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

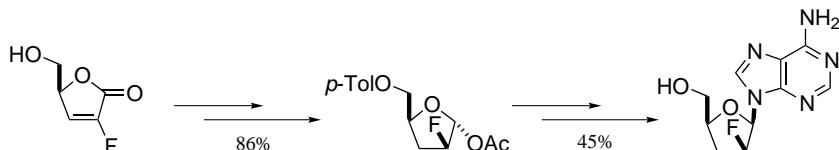


**(2*R*,3*S*,5*S*)-2-Acetoxy-3-fluoro-5-(*p*-toluoyloxymethyl)tetrahydrofuran: a key intermediate for the practical synthesis of 9-(2,3-dideoxy-2-fluoro- $\beta$ -D-threo-pentofuranosyl)adenine (FddA)**

Tetrahedron Letters 42 (2001) 4787

Fuqiang Jin,\* Dengjin Wang, Pat N. Confalone, Michael E. Pierce, Zhe Wang, Guoyou Xu, Anusuya Choudhury and Dieu Nguyen

Chemical Process R&D, The DuPont Pharmaceuticals Company, DuPont Experimental Station, Wilmington, DE 19880-0336, USA

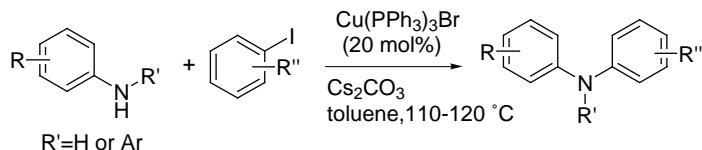


## Formation of aryl–nitrogen bonds using a soluble copper(I) catalyst

Rattan Gujadhur, D. Venkataraman\* and Jeremy T. Kintigh

Department of Chemistry, University of Massachusetts, Amherst, MA 01003, USA

Tetrahedron Letters 42 (2001) 4791



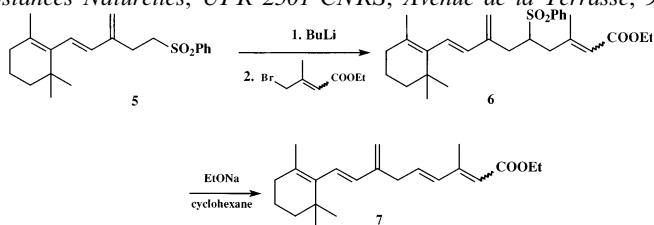
## Synthesis of new ethyl 9-methylene-13*E* and 13*Z*-retinoates via the Julia olefination reaction

Tetrahedron Letters 42 (2001) 4795

Alain Valla,<sup>a,\*</sup> Alain Laurent,<sup>a</sup> Virginie Prat,<sup>a</sup> Zo Andriamialisoa,<sup>a</sup> Dominique Cartier,<sup>a</sup> Michel Giraud,<sup>a</sup> Roger Labia<sup>a</sup> and Pierre Potier<sup>b</sup>

<sup>a</sup>Chimie et Biologie des Substances Naturelles, FRE 2125, rattachée au CNRS 6, rue de l'Université, 29000 Quimper, France

<sup>b</sup>Institut de Chimie des Substances Naturelles, UPR 2301 CNRS, Avenue de la Terrasse, 91198 Gif-sur-Yvette, France



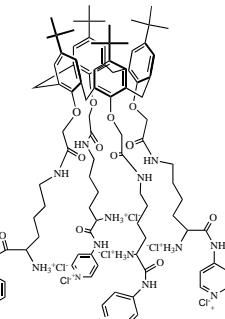
## Novel synthetic receptors based on *para*-amino-pyridine ligands coupled to *p*-*tert*-butylcalix[4]arene via amino-acid spacers

Tetrahedron Letters 42 (2001) 4799

Yann Molard and Hélène Parrot-Lopez\*

Synthèse, Reconnaissance et Organisation Moléculaire et Biomoléculaire, UMR CNRS 5078, bât. J. Raulin, Université Claude Bernard, Lyon-I, 69622 Villeurbanne cedex, France

The synthesis of a series of pyridinium receptors attached to calix[4]arene via amino-acid spacer arms is described.



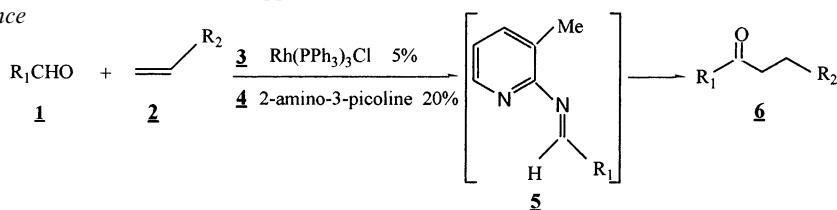
## Solvent-free chelation-assisted intermolecular hydroacylation: effect of microwave irradiation in the synthesis of ketone from aldehyde and 1-alkene by Rh(I) complex

Tetrahedron Letters 42 (2001) 4803

Chul-Ho Jun,<sup>a,\*</sup> Jong-Hwa Chung,<sup>a</sup> Dae-Yon Lee,<sup>a</sup> André Loupy<sup>b,\*</sup> and Saber Chatti<sup>a</sup>

<sup>a</sup>Department of Chemistry, Yonsei University, Seoul 120-749, South Korea

<sup>b</sup>Laboratoire des Réactions Sélectives sur Supports, ICMM, CNRS UMR 8615, Bâtiment 410, Université Paris-Sud, 91405 Orsay Cedex, France



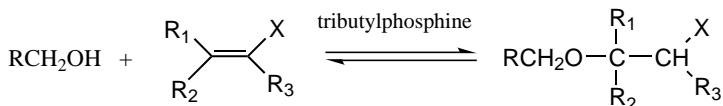
**Synthesis of hindered functionalized ethers via high-pressure addition of alcohols to acrylic compounds**

Tetrahedron Letters 42 (2001) 4807

Gérard Jenner\*

Laboratoire de Piézochimie Organique (UMR 7509), Faculté de Chimie, Université Louis Pasteur, 67008 Strasbourg, France

Sterically hindered ethers can be synthesized only at high pressures. Sterically demanding reactions are more pressure sensitive than their unhindered analogues.



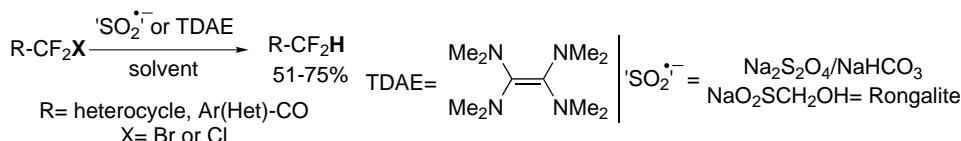
**Single electron transfer approaches to the practical synthesis of aromatic and heterocyclic-CF<sub>2</sub>H derivatives**

Tetrahedron Letters 42 (2001) 4811

William R. Dolbier, Jr.,<sup>a</sup> Maurice Médebielle<sup>b,\*</sup> and Samia Ait-Mohand<sup>b</sup>

<sup>a</sup>University of Florida, Department of Chemistry, PO Box 117200, Gainesville, FL 32611-7200, USA

<sup>b</sup>Université Denis Diderot-Paris 7, Laboratoire d'Electrochimie Moléculaire, UMR CNRS 7591, 2 Place Jussieu, F-75251 Paris Cedex 05, France

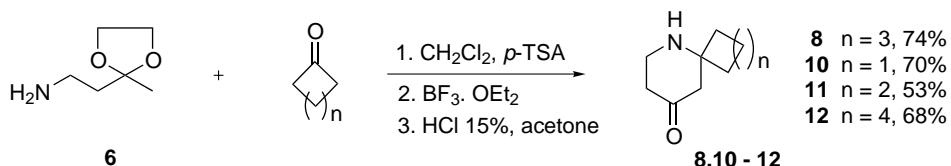


**A new route to 2-spiropiperidines**

Tetrahedron Letters 42 (2001) 4815

Stéphane Ciblat, Jean-Louis Canet and Yves Troin\*

Laboratoire de Chimie des Hétérocycles et des Glucides, EA 987, Ecole Nationale Supérieure de Chimie de Clermont-Ferrand, Université Blaise Pascal, BP 187, 63174 Aubière Cedex, France

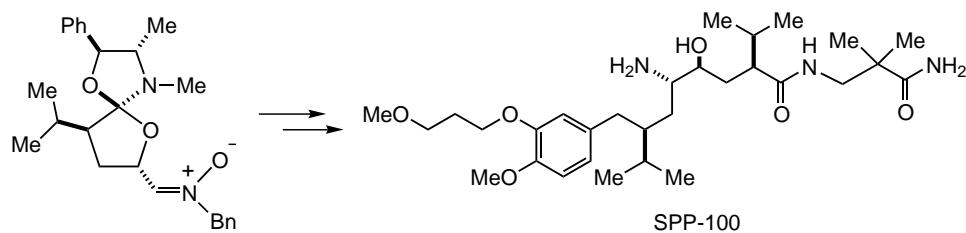


**A convergent synthesis of the renin inhibitor SPP-100 using a nitrone intermediate**

Tetrahedron Letters 42 (2001) 4819

Alessandro Dondoni,\* Geert De Lathauwer and Daniela Perrone

Dipartimento di Chimica, Laboratorio di Chimica Organica, Università di Ferrara, Via L. Borsari 46, I-44100 Ferrara, Italy



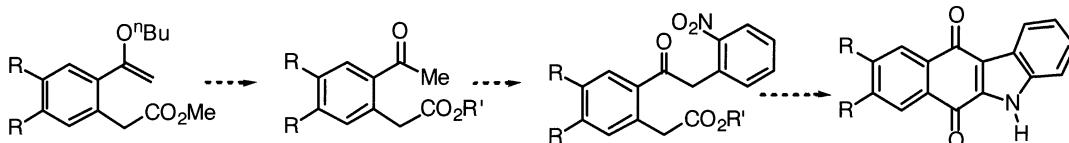
**Palladium mediated total synthesis of *o*-acetylphenylacetic acids: a general route to indolo[2,3-*b*]naphthalene-6,11-diones**

Tetrahedron Letters 42 (2001) 4825

Jacobo Cruces, Juan C. Estévez, Luis Castedo and Ramón J. Estévez\*

Departamento de Química Orgánica y Unidad Asociada al Instituto de Investigaciones Químicas (CSIC), University of Santiago, 15706 Santiago de Compostela, Spain

Here we describe a new, efficient general synthesis of *o*-acetylphenylacetic acids by Heck palladium-catalyzed arylation of *n*-butyl vinyl ether with *o*-bromophenylacetic acids and its application to the synthesis of indolo[2,3-*b*]naphthalene-6,11-diones.



**Diastereoselective Michael reactions of (1*R*)-(+)-camphor methyl ketone enolates with nitro olefins**

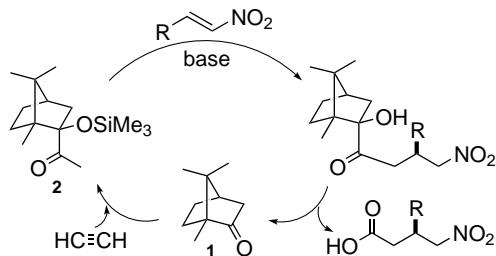
Tetrahedron Letters 42 (2001) 4829

Claudio Palomo,<sup>a,\*</sup> Jesús M. Aizpurua,<sup>a</sup> M. Oiarbide,<sup>a</sup> Jesús M. García,<sup>b</sup> Alberto González,<sup>b</sup> I. Odriozola<sup>a</sup> and Anthony Linden<sup>c</sup>

<sup>a</sup>Departamento de Química Orgánica I, Facultad de Química, Universidad del País Vasco, Apdo 1072, 20080 San Sebastián, Spain

<sup>b</sup>Departamento de Química Aplicada, Universidad Pública de Navarra, Campus de Arrosadía, E-31006 Pamplona, Spain

<sup>c</sup>Organisch-chemisches Institut der Universität Zürich, Winterthurerstrasse 190, CH-8057 Zürich, Switzerland



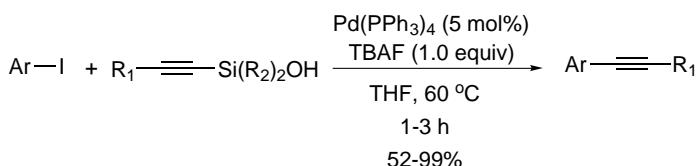
**Pd-catalyzed cross-coupling of alkynylsilanols with iodobenzenes**

Tetrahedron Letters 42 (2001) 4833

Sukbok Chang,<sup>a,\*</sup> Soon Ha Yang<sup>a</sup> and Phil Ho Lee<sup>b</sup>

<sup>a</sup>Department of Chemistry, Ewha Womans University, Seoul 120-750, South Korea

<sup>b</sup>Department of Chemistry, Kangwon National University, Chuncheon 200-701, South Korea



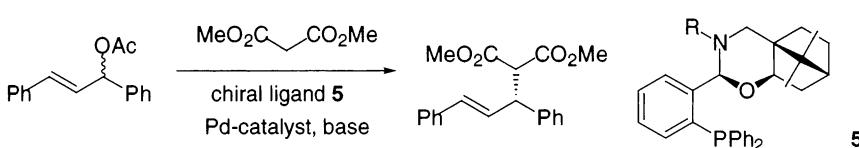
**Novel chiral phosphine-oxazinane ligands in palladium-catalyzed asymmetric allylic alkylation**

Tetrahedron Letters 42 (2001) 4837

Takashi Mino,\* Sosuke Hata, Kouji Ohtaka, Masami Sakamoto and Tsutomu Fujita

Department of Materials Technology, Faculty of Engineering, Chiba University, Inage-ku, Chiba 263-8522, Japan

Application of novel chiral phosphine-oxazinane such as **5b** ( $\text{R}=n\text{-Pr}$ ) to the title reaction led to good enantioselectivities (up to 95% ee).

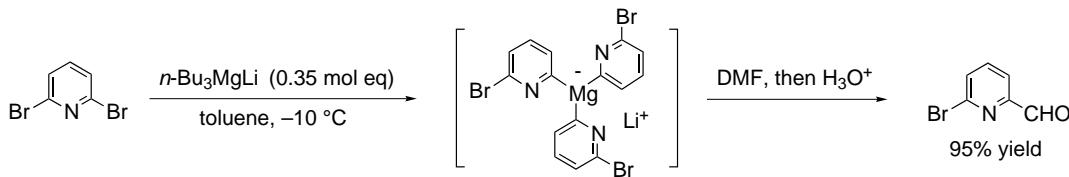


**Tributylmagnesium ate complex-mediated novel bromine–magnesium exchange reaction for selective monosubstitution of dibromoarenes**

*Tetrahedron Letters 42 (2001) 4841*

Takehiko Iida,\* Toshihiro Wada, Koji Tomimoto and Toshiaki Mase\*

Process Research, Process R&D, Laboratories for Technology Development, Banyu Pharmaceutical Co., Ltd.,  
3-9-1 Kamimutsuna, Okazaki, Aichi 444-0858, Japan



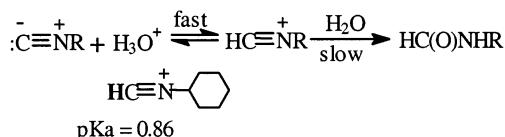
**Kinetics and mechanism of acid-catalyzed hydrolysis of cyclohexyl isocyanide and  $\text{pK}_a$  determination of  $N$ -cyclohexyltrilium ion**

*Tetrahedron Letters 42 (2001) 4845*

Kuangsen Sung\* and Chao-Chih Chen

Department of Chemistry, National Cheng Kung University, Tainan, Taiwan, ROC

Acid-catalyzed hydrolysis of the isocyanide is specific-acid/general-base catalysis.



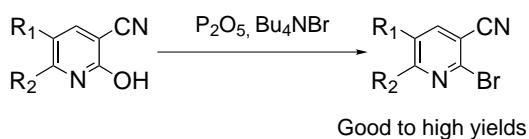
**A facile bromination of hydroxyheteroarenes**

*Tetrahedron Letters 42 (2001) 4849*

Yoshiaki Kato,\* Shigemitsu Okada, Koji Tomimoto and Toshiaki Mase

Process Research, Process R&D, Laboratories for Technology Development, Banyu Pharmaceutical Co. Ltd.,  
Kamimutsuna 3-9-1, Okazaki, Aichi 444-0858, Japan

A mild bromination method of hydroxyheteroarenes using  $\text{P}_2\text{O}_5/\text{Bu}_4\text{NBr}$  is described. Various bromoheteroarenes were obtained in high yield.



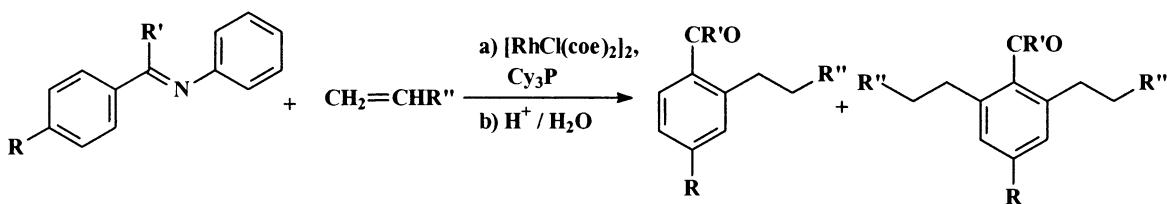
**Rhodium-catalyzed *ortho*-alkylation of aromatic aldimines and ketimines via C–H bond activation**

*Tetrahedron Letters 42 (2001) 4853*

Yeong-Gweon Lim,<sup>a,\*</sup> Jong-Soo Han,<sup>b</sup> Seung-Sun Yang<sup>b</sup> and Jong Han Chun<sup>b</sup>

<sup>a</sup>1-2-6, Agency for Defense Development, Yuseong PO Box 35-1, Daejeon 305-600, South Korea

<sup>b</sup>Department of Industrial Chemistry, Hanbat National University, Daejeon, South Korea

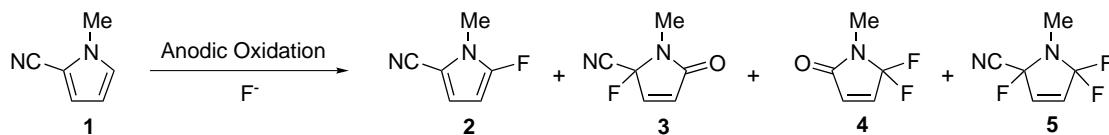


**Electrolytic partial fluorination of organic compounds. Part 48:  
Anodic fluorination of 2-cyano-1-methylpyrrole**

Tetrahedron Letters 42 (2001) 4857

Toshiki Tajima, Hideki Ishii and Toshio Fuchigami\*

Department of Electronic Chemistry, Tokyo Institute of Technology, Nagatsuta, Midori-ku, Yokohama 226-8502, Japan

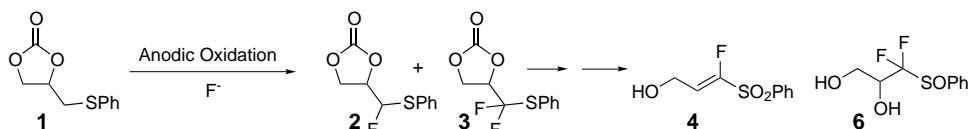


**Electrolytic partial fluorination of organic compounds. Part 50:  
Highly selective anodic mono- and difluorination of  
4-phenylthiomethyl-1,3-dioxolan-2-one and its synthetic application**

Tetrahedron Letters 42 (2001) 4861

Katsutoshi Suzuki, Hideki Ishii and Toshio Fuchigami\*

Department of Electronic Chemistry, Tokyo Institute of Technology, Nagatsuta, Midori-ku, Yokohama 226-8502, Japan



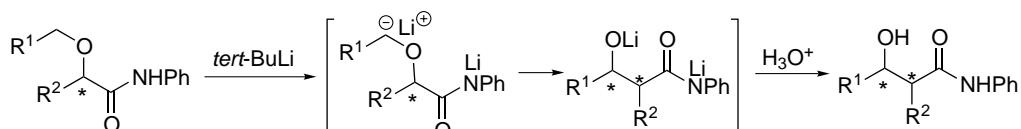
**Synthesis of optically active aldol derivatives through chirality transfer type 1,2-Wittig rearrangement of  $\alpha$ -alkoxycarboxamides**

Tetrahedron Letters 42 (2001) 4865

Osamu Kitagawa,<sup>a</sup> Shu-ichi Momose,<sup>a</sup> Yoichiro Yamada,<sup>a</sup> Motoo Shiro<sup>b</sup> and Takeo Taguchi<sup>a,\*</sup>

<sup>a</sup>Tokyo University of Pharmacy and Life Science, 1432-1 Horinouchi, Hachioji, Tokyo 192-0392, Japan

<sup>b</sup>Rigaku Corporation, 3-9-12 Matsubara-cho, Akishima, Tokyo 196-8666, Japan



**Construction of a carbapenam skeleton using palladium-catalyzed cyclization**

Tetrahedron Letters 42 (2001) 4869

Yuji Kozawa and Miwako Mori\*

Graduate School of Pharmaceutical Sciences, Hokkaido University, Sapporo 060-0812, Japan



**A novel dendrimer-type *m*-terphenyl substituent for the kinetic stabilization of highly reactive species**

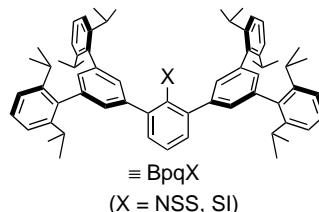
Tetrahedron Letters 42 (2001) 4875

Kei Goto,<sup>a,\*</sup> Gaku Yamamoto,<sup>a,\*</sup> Bo Tan<sup>b</sup> and Renji Okazaki<sup>b</sup>

<sup>a</sup>Department of Chemistry, School of Science, Kitasato University, 1-15-1 Kitasato, Sagamihara, Kanagawa 228-8555, Japan

<sup>b</sup>Department of Chemistry, Graduate School of Science, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

A novel *m*-terphenyl-based steric protection group (Bpq group) with an inert molecular cleft was designed and successfully applied to the stabilization of the corresponding *N*-thiosulfinylaniline and arenesulfenyl iodide.



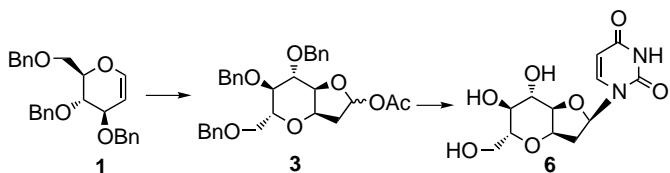
**A short synthesis of bicyclic sugar pyrimidine nucleosides from C-glycosides**

Tetrahedron Letters 42 (2001) 4879

Jonghoon Oh,<sup>a,\*</sup> Chung Ryul Lee<sup>a</sup> and Keun Ho Chun<sup>b</sup>

<sup>a</sup>Department of Chemistry and Research Institute for Basic Science, Chonnam National University, Kwangju 500-757, South Korea

<sup>b</sup>School of Basic Science, Soongsil University, Seoul 156-743, South Korea

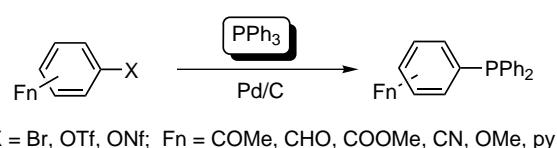


**Synthesis of aryl phosphines by phosphination with triphenylphosphine catalyzed by palladium on charcoal**

Tetrahedron Letters 42 (2001) 4883

Chi Wai Lai, Fuk Yee Kwong, Yanchun Wang and Kin Shing Chan\*

Department of Chemistry, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong



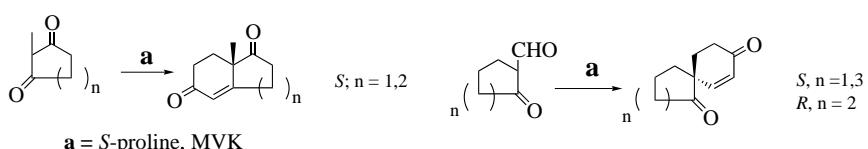
**Asymmetric one-pot Robinson annulations**

Tetrahedron Letters 42 (2001) 4887

D. Rajagopal, R. Narayanan and S. Swaminathan\*

Department of Organic Chemistry, University of Madras, Guindy Campus, Chennai 6000 025, India

A one-pot annulation of 2-methylcyclopentane-1,3-dione, 2-methylcyclohexane-1,3-dione and some 2-formylcycloalkanones to give optically active enediones *S*-1, *S*-2 and *S*-14, *R*-7 and *S*-15 is reported.

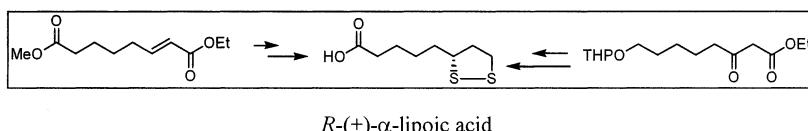


**Asymmetric dihydroxylation and hydrogenation approaches to the enantioselective synthesis of R-(+)- $\alpha$ -lipoic acid**

Tetrahedron Letters 42 (2001) 4891

T. T. Upadhyा, M. D. Nikalje and A. Sudalai\*

Process Development Division, National Chemical Laboratory, Pune 411008, India



**Heimiol A, a new dimeric stilbenoid from *Neobalanocarpus heimii***

Tetrahedron Letters 42 (2001) 4895

Jean-Frédéric F. Weber,<sup>a,\*</sup> Ibtisam Abdul Wahab,<sup>a</sup> Alini Marzuki,<sup>a</sup> Noel F. Thomas,<sup>a</sup> Azizol Abdul Kadir,<sup>b</sup> A. Hamid A. Hadi,<sup>c</sup> Khalijah Awang,<sup>c</sup> Aishah Abdul Latiff,<sup>d</sup> Pascal Richomme<sup>e</sup> and Jacques Delaunay<sup>e</sup>

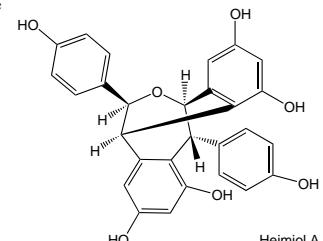
<sup>a</sup>Department of Pharmacy, Faculty of Allied Health Science, Universiti Kebangsaan Malaysia, Jalan Raja Muda Abdul Aziz, 50300 Kuala Lumpur, Malaysia

<sup>b</sup>Forest Research Institute of Malaysia (FRIM), Kepong 52109, Malaysia

<sup>c</sup>Department of Chemistry, Faculty of Sciences, Universiti Malaya, 59100 Kuala Lumpur, Malaysia

<sup>d</sup>Doping Control Centre, Universiti Sains Malaysia, Minden, 11800 Penang, Malaysia

<sup>e</sup>SCRMN, Faculté des Sciences, 2, Bd. Lavoisier, 49045 Angers Cedex, France

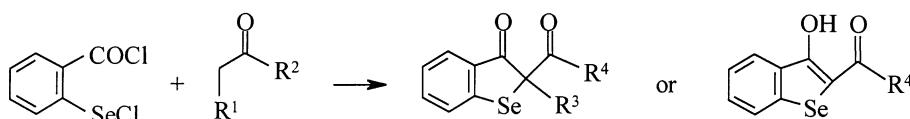


**Selenenylation–acylation of ketones with 2-chloroselenobenzoyl chloride. A novel route to benzo[*b*]selenophenes**

Tetrahedron Letters 42 (2001) 4899

Krystian Kloc and Jacek Młochowski\*

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R<sup>1</sup>: H, R<sup>2</sup>: CH<sub>3</sub>, CH<sub>2</sub>COCH<sub>3</sub>; R<sup>1</sup>-R<sup>2</sup>: -(CH<sub>2</sub>)<sub>n</sub>, CO(CH<sub>2</sub>)<sub>m</sub>; R<sup>3</sup>: COCH<sub>3</sub>; R<sup>3</sup>-R<sup>4</sup>: -(CH<sub>2</sub>)<sub>m</sub>; R<sup>4</sup>: (CH<sub>2</sub>)<sub>m</sub>COOH; n=3,4 m=2,3

**The enantioselective synthesis of key intermediates for the synthesis of (+)-brevifloralactone from *R*-(–)-carvone**

Tetrahedron Letters 42 (2001) 4903

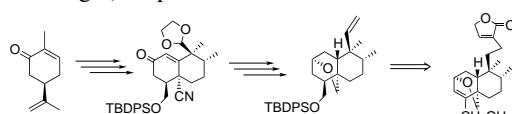
V. Olkhovik,<sup>a</sup> N. Masalov,<sup>b</sup> B. J. M. Jansen<sup>c</sup> and Aede de Groot<sup>c,\*</sup>

<sup>a</sup>Laboratory of Organic Chemistry, Institute of New Materials Chemistry, Belarus Academy of Sciences, str. Kuprevicha 16, 220141 Minsk, Belarus

<sup>b</sup>Department of Organic and Polymer Chemistry, Belarussian State University, F. Skoriny av. 4, 220050 Minsk, Belarus

<sup>c</sup>Laboratory of Organic Chemistry, Wageningen University, Dreijenplein 8, 6703 HB Wageningen, The Netherlands

Starting from *R*-(–)-carvone, a sequence of reactions has been developed for the enantioselective synthesis of key intermediates, which contain ether bridges, as present in active antifeedant clerodanes such as brevifloralactone and jodrellin.



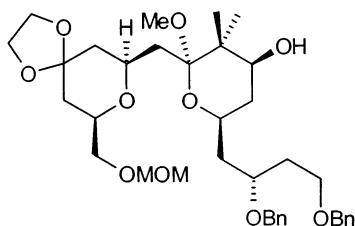
**An approach towards the C<sub>1</sub>–C<sub>16</sub> fragment of antineoplastic macrolide bryostatins by kinetic resolution of a racemic terminal epoxide using Jacobsen's catalyst**

Tetrahedron Letters 42 (2001) 4907

J. S. Yadav,\* A. Bandyopadhyay and A. C. Kunwar

Organic Chemistry Division, Indian Institute of Chemical Technology,  
Hyderabad 500007, India

A stereo- and enantioselective approach towards the C<sub>1</sub>–C<sub>16</sub> fragment of bryostatins is reported using Jacobsen's catalyst for kinetic resolution of a terminal epoxide, a Horner–Wadsworth–Emmons coupling reaction and a 1,4-Michael type cyclization as key steps.

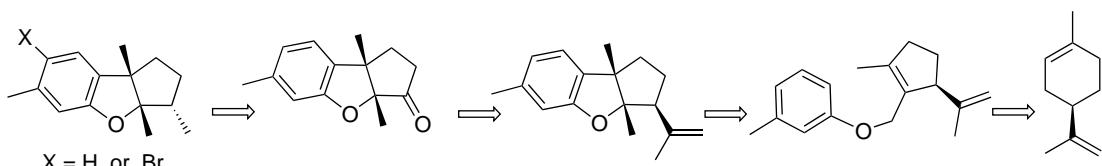


**An enantiospecific formal total synthesis of (–)-aplysin and (–)-debromoaplysin**

Tetrahedron Letters 42 (2001) 4913

A. Srikrishna\* and N. Chandrasekhar Babu

Department of Organic Chemistry, Indian Institute of Science, Bangalore 560 012, India

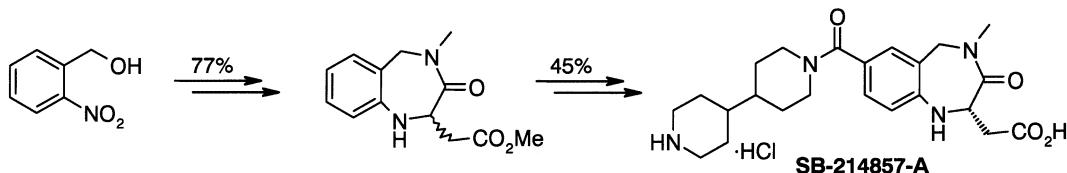


**A new synthesis of the GPIIb/IIIa receptor antagonist SB-214857-A**

Tetrahedron Letters 42 (2001) 4915

Ian P. Andrews, Richard J. Atkins, Neil F. Badham, Richard K. Bellingham, Gary F. Breen, John S. Carey,\* Stephen K. Etridge, Jerome F. Hayes, Nigel Hussain, David O. Morgan, Andrew C. Share, Stephen A. C. Smith, Timothy C. Walsgrove and Andrew S. Wells

Synthetic Chemistry, GlaxoSmithKline Pharmaceuticals, Old Powder Mills, Tonbridge, Kent TN11 9AN, UK

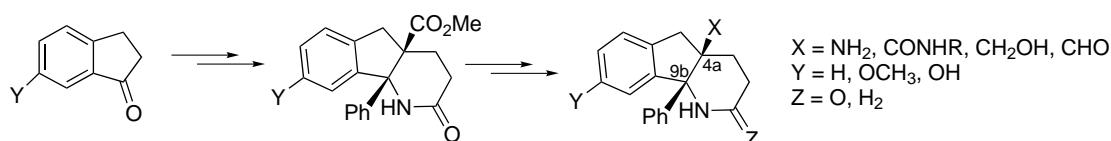


**Cis-fused hexahydro-4aH-indeno[1,2-*b*]pyridines: transformation of bridgehead ester group and conversion to tricyclic analogues of NK-1 and dopamine receptor ligands**

Tetrahedron Letters 42 (2001) 4919

Tom De Wit, Kristof Van Emelen, Faye Maertens, Georges J. Hoornaert and Frans Compernolle\*

Laboratorium voor Organische Synthese, Department of Chemistry, K. U. Leuven, Celestijnenlaan 200F,  
3001 Leuven (Heverlee), Belgium

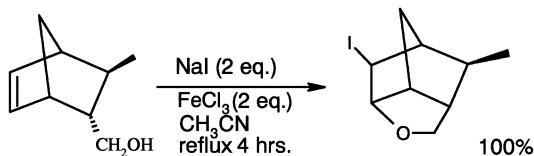


**Iodolactonization and iodoetherification of  $\beta,\gamma$ -unsaturated acids and alcohols using  $\text{FeCl}_3$  and  $\text{NaI}$**

Tetrahedron Letters 42 (2001) 4923

Subhash P. Chavan\* and Anil K. Sharma

Division of Organic Chemistry, Technology National Chemical Laboratory, Pune 411008, India

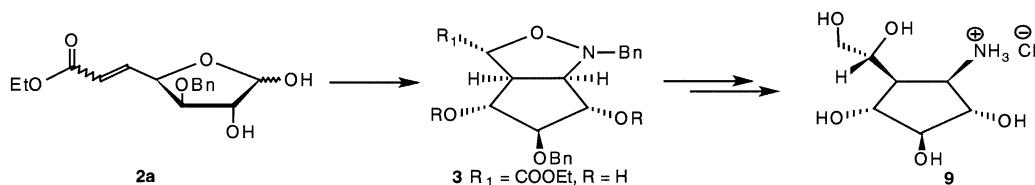


**[1,3]-Dipolar intramolecular nitrone olefin cycloaddition reaction of a sugar-derived  $\alpha,\beta$ -unsaturated ester: a new diastereo- and regioselective synthesis of an aminocyclopentitol**

Tetrahedron Letters 42 (2001) 4925

Santosh M. Jachak, Navnath P. Karche and Dilip D. Dhavale\*

Department of Chemistry, Garware Research Centre, University of Pune, Pune 411 007, India

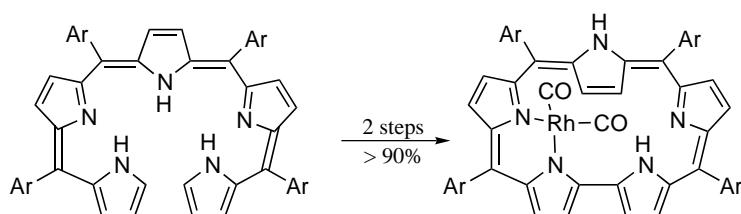


**Facile synthesis of a novel sapphyrin and its rhodium(I) complex**

Tetrahedron Letters 42 (2001) 4929

Liliya Simkhovich, Shira Rosenberg and Zeev Gross\*

Department of Chemistry and Institute of Catalysis Science and Technology, Technion-Israel Institute of Technology, Haifa 32000, Israel

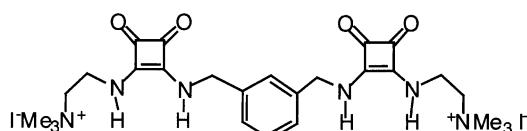


**Thermodynamic characterization of the squaramide–carboxylate interaction in squaramide receptors**

Tetrahedron Letters 42 (2001) 4933

Rafel Prohens, M. Carmen Rotger, M. Neus Piña, Pere M. Deyà, Jeroni Morey, Pablo Ballester and Antoni Costa\*

Departament de Química, Universitat de les Illes Balears, 07071 Palma de Mallorca, Spain



**Highly diastereoselective dimerisation of alkenylthiazolines**

*Tetrahedron Letters* 42 (2001) 4937

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David J. Willock

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