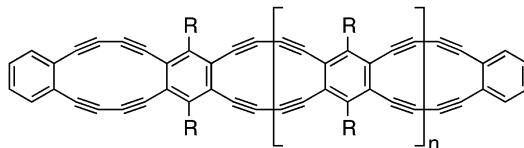
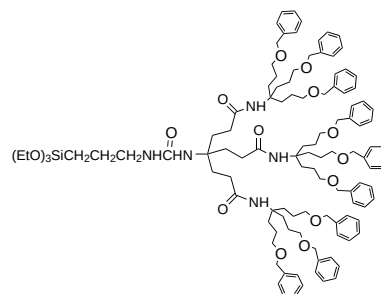
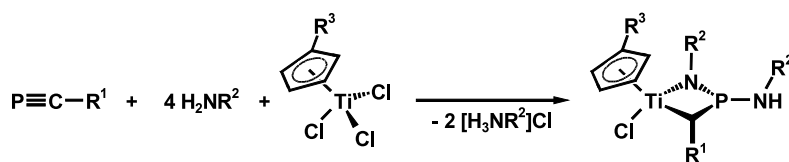


Synthesis of linearly-fused benzodehydro[12]annulenes*Tetrahedron Letters 42 (2001) 7533*

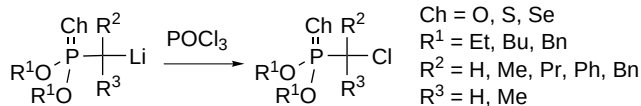
Megan E. Gallagher and John E. Anthony*

Department of Chemistry, University of Kentucky, Lexington, KY 40506-0055, USA**Synthesis of benzyl-terminated dendrons for use in high-resolution capillary gas chromatography***Tetrahedron Letters 42 (2001) 7537*George R. Newkome,^{a,*} Kyung Soo Yoo,^a Abuzar Kabir^b and Abdul Malik^b^a*Institute for Polymer Science and Department of Chemistry, The University of Akron, Akron, OH 44325, USA*^b*Department of Chemistry, University of South Florida, Tampa, FL 33620, USA***Organophosphorus compounds. Part 163: Reactivity of phosphalkynes towards in situ-generated titanium imido complexes***Tetrahedron Letters 42 (2001) 7543*

Sven M. F. Asmus and Manfred Regitz*

Fachbereich Chemie der Universität Kaiserslautern, Erwin-Schrödinger-Straße, D-67663 Kaiserslautern, Germany**Direct α -chlorination of *O,O*-dialkyl chalcogenophosphonates with phosphorus oxychloride***Tetrahedron Letters 42 (2001) 7547*

Stéphane Mons, Nicolas Sabourault, Emmanuel Klein, Charles Mioskowski* and Luc Lebeau*

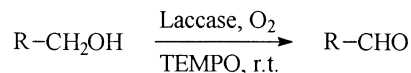
Université Louis Pasteur de Strasbourg-Laboratoire de Synthèse Bioorganique associé au CNRS Faculté de Pharmacie-74, route du Rhin-BP 24-67401 Illkirch, France

An oxidation of alcohols by oxygen with the enzyme laccase and mediation by TEMPO

Tetrahedron Letters 42 (2001) 7551

Maura Fabbrini, Carlo Galli,* Patrizia Gentili and Daniele Macchitella

Dipartimento di Chimica and Centro CNR Meccanismi di Reazione, P.le A. Moro 5, I-00185 Rome, Italy



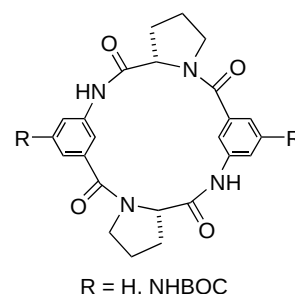
A new cyclic tetrapeptide composed of alternating L-proline and 3-aminobenzoic acid subunits

Tetrahedron Letters 42 (2001) 7555

Susanne Pohl,^a Richard Goddard^b and Stefan Kubik^{a,*}

^a*Institut für Organische Chemie und Makromolekulare Chemie, Heinrich-Heine-Universität, Universitätsstraße 1, D-40225 Düsseldorf, Germany*

^b*Max-Planck-Institut für Kohlenforschung, Kaiser-Wilhelm-Platz 1, D-45470 Mülheim/Ruhr, Germany*



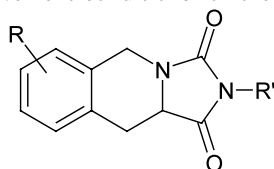
Convenient synthesis of tetrahydroisoquinoline-hydantoins

Tetrahedron Letters 42 (2001) 7559

Julie Charton, Sandrine Delarue, Sandrine Vendeville, Marie-Ange Debreu-Fontaine, Sophie Girault-Mizzi and Christian Sergheraert*

UMR CNRS 8525, Université de Lille II, Institut de Biologie et Institut Pasteur de Lille, 1 rue du Professeur Calmette, BP 447, 59021 Lille cedex, France

NaOH/MeOH or DIEA/CH₂Cl₂ were convenient conditions for the synthesis in solution phase of hydantoins derived from Tic-OH and isocyanates.



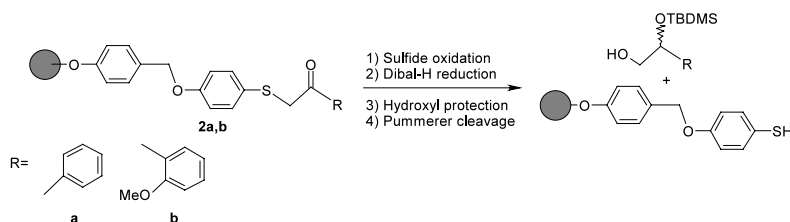
Wang *p*-alkoxyphenylsulfoxide as a new linker and Pummerer cleavage strategy in solid-phase preparation of 1,2-diols

Tetrahedron Letters 42 (2001) 7563

Catherine Rolland, Gilles Hanquet,^{a,*} Jean-Bernard Ducep^b and Guy Solladié^{a,*}

^a*Laboratoire de Stéréochimie associé au CNRS, ECPM, Université Louis Pasteur, 25 rue Becquerel, 67087 Strasbourg, France*

^b*Sanofi-Synthelabo, 16 rue d'Ankara, 67000 Strasbourg, France*

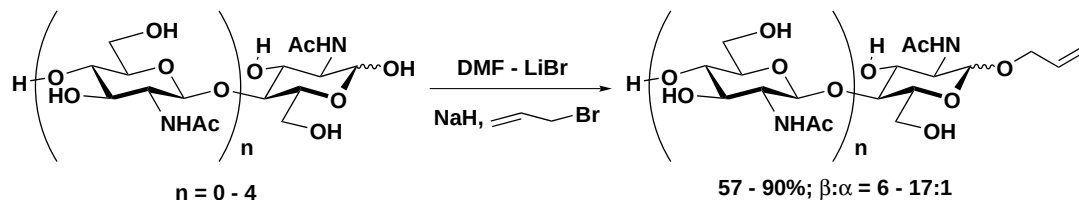


A one-step β -selective glycosylation of *N*-acetyl glucosamine and recombinant chitoooligosaccharides

Tetrahedron Letters 42 (2001) 7567

Boris Vauzeilles, Bruno Dausse, Sara Palmier and Jean-Marie Beau*

Université Paris-Sud, Laboratoire de Synthèse de Biomolécules associé au CNRS, Institut de Chimie Moléculaire, F-91405 Orsay Cedex, France

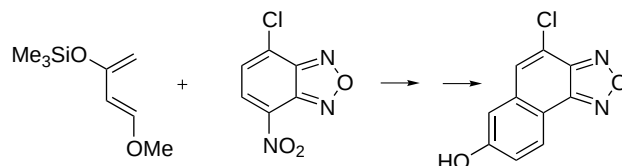


4-Chloro-7-nitrobenzofurazan as a Diels-Alder reagent. A facile access to highly functionalized naphthofurazans

Tetrahedron Letters 42 (2001) 7571

Dominique Vichard,* Luke J. Alvey and François Terrier*

Laboratoire SIRCOB, ESA CNRS 8086, Institut Lavoisier-Franklin, Université de Versailles, 45, Avenue des Etats-Unis, F-78035 Versailles Cedex, France



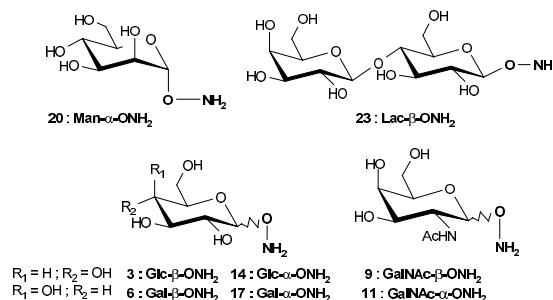
Expedient synthesis of aminooxylated-carbohydrates for chemoselective access of glycoconjugates

Tetrahedron Letters 42 (2001) 7575

Olivier Renaudet and Pascal Dumy*

LEDSS, UMR-CNRS 5616, Université Joseph Fourier, F-38041 Grenoble Cedex 9, France

Carbohydrate motifs functionalised with an aminooxy nucleophile at the anomeric position were efficiently prepared in good yield by reacting glycosylfluoride with *N*-hydroxyphthalimide. These compounds are key intermediates for homogeneous glycoconjugate synthesis by chemoselective oxime formation.



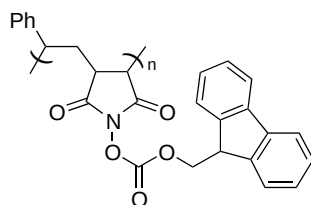
A new polymer-supported reagent for the Fmoc-protection of amino acids

Tetrahedron Letters 42 (2001) 7579

Rafael Chinchilla, David J. Dodsworth, Carmen Nájera* and José M. Soriano

Departamento de Química Orgánica, Universidad de Alicante, Apartado 99, 03080 Alicante, Spain

Fmoc-P-OSu is an effective solid-supported reagent for Fmoc-protection, the residual P-HOSu being easily recovered and reused.

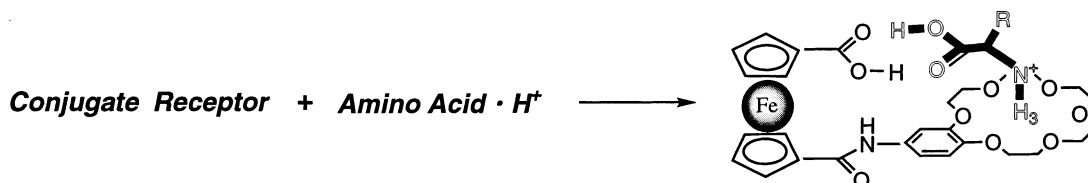


Synergistic binding and chirality sensing of unprotected amino acids with ferrocenecarboxylic acid–crown ether conjugate

Tetrahedron Letters 42 (2001) 7583

Hiroshi Tsukube,* Hiroshi Fukui and Satoshi Shinoda

Department of Chemistry, Graduate School of Science, Osaka City University, Osaka 558-8585, Japan

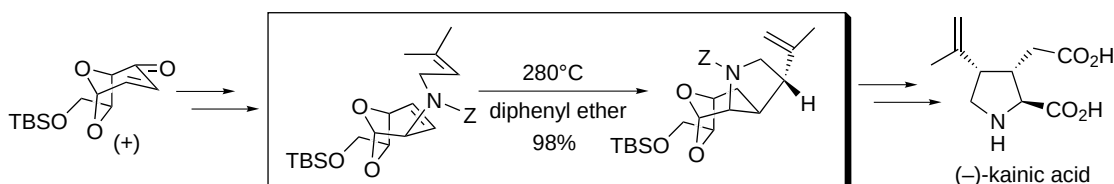


Intramolecular ene reaction on a bicyclo[3.2.1]octane system: an alternative route to (–)-kainic acid

Tetrahedron Letters 42 (2001) 7587

Hideaki Hirasawa, Takahiko Taniguchi and Kunio Ogasawara*

Pharmaceutical Institute, Tohoku University, Aobayama, Sendai 980-8578, Japan



Benzoxazinophenoxazines: neutral and charged species

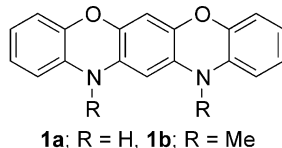
Tetrahedron Letters 42 (2001) 7591

Toshihiro Okamoto,^a Masatoshi Kozaki,^a Yoshiro Yamashita^b and Keiji Okada^{a,*}

^aDepartment of Chemistry, Graduate School of Science, Osaka City University, Sugimoto, Sumiyoshi-ku, Osaka 558-8585, Japan

^bInstitute for Molecular Science, Myodaiji, Okazaki 444-8585, Japan

A new electron-donor, benzoxazinophenoxazine **1**, was synthesized. It showed a low oxidation potential of +0.21 ~ +0.23 V versus SCE. The neutral molecule, its radical cation salts, and charge transfer complexes were synthesized and characterized.



Reductive radical cyclization of cyclic γ-cyanoketones promoted by samarium(II) iodide without photoirradiation

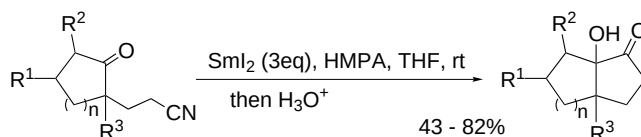
Tetrahedron Letters 42 (2001) 7595

Kiyomi Kakiuchi,^{a,*} Yasunari Fujioka,^b Hirohisa Yamamura,^a Ken Tsutsumi,^a Tsumoru Morimoto^a and Hideo Kurosawa^b

^aGraduate School of Materials Science, Nara Institute of Science and Technology (NAIST), 8916-5 Takayama, Ikoma, Nara 630-0101, Japan

^bDepartment of Applied Chemistry, Faculty of Engineering, Osaka University, Suita, Osaka 565-0871, Japan

Reactions of various γ-cyanoketones with SmI₂ gave the corresponding α-hydroxycycloalkanones in good yields.



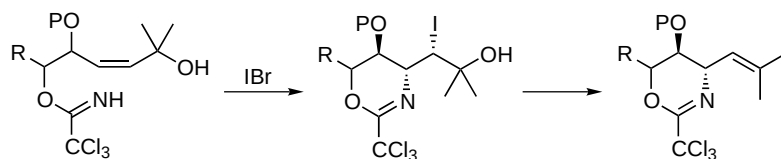
A stereocontrolled synthetic route to *anti*- β -amino alcohols

Tetrahedron Letters 42 (2001) 7599

Sung Ho Kang,^{a,*} Yu Sang Hwang^a and Joo-Hack Youn^b

^aDepartment of Chemistry, School of Molecular Science (BK21), Korea Advanced Institute of Science and Technology, Taejeon 305-701, South Korea

^bDepartment of Chemical Engineering, Sun Moon University, Asan Si, Chung-Nam 336-840, South Korea

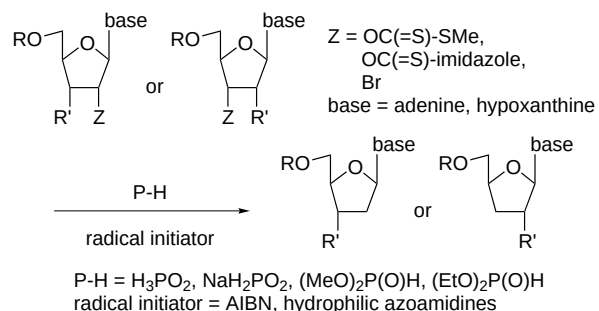


Radical deoxygenation and dehalogenation of nucleoside derivatives with hypophosphorous acid and dialkyl phosphites

Tetrahedron Letters 42 (2001) 7605

Satoshi Takamatsu, Satoshi Katayama, Naoko Hirose, Masaki Naito and Kunisuke Izawa*

AminoScience Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki, Kanagawa 210-8681, Japan

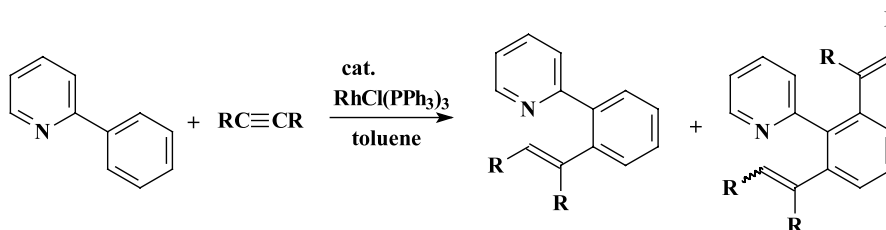


Rhodium(I)-catalyzed *ortho*-alkenylation of 2-phenylpyridines with alkynes

Tetrahedron Letters 42 (2001) 7609

Yeong-Gweon Lim,* Kyung-Hee Lee, Bon Tak Koo and Jung-Bu Kang*

1-2-6, Agency for Defense Development, Yuseong, PO Box 35-1, Daejeon 305-600, South Korea



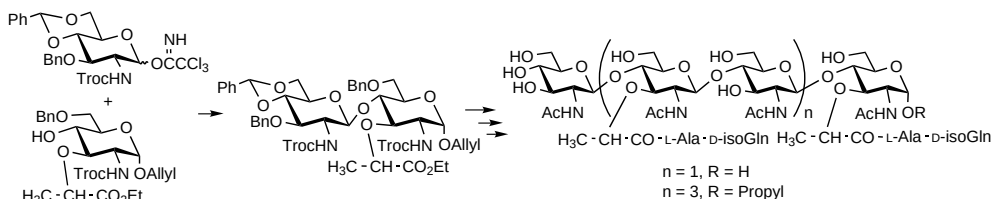
Synthetic study of peptidoglycan partial structures. Synthesis of tetrasaccharide and octasaccharide fragments

Tetrahedron Letters 42 (2001) 7613

Seiichi Inamura, Koichi Fukase* and Shoichi Kusumoto

Department of Chemistry, Graduate School of Science, Osaka University, 1-1 Machikaneyama, Toyonaka, Osaka 560-0043, Japan

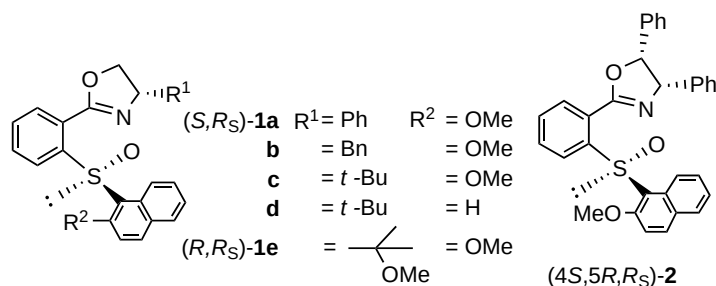
Tetra- and octasaccharide fragments of peptidoglycan were chemically synthesized for the first time.



New chiral sulfoxide ligands in catalytic asymmetric Diels–Alder reactions: double acceleration by the chiralities of the sulfoxides and oxazolines

Kunio Hiroi,* Kazuhiro Watanabe,
Ikuko Abe and Michiko Koseki

Tohoku Pharmaceutical University,
4-4-1 Komatsushima, Aoba-ku, Sendai,
Miyagi 981-8558, Japan

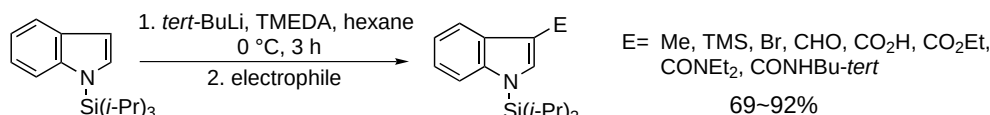


Tetrahedron Letters 42 (2001) 7617

Direct C-3 lithiation of 1-(triisopropylsilyl)indole

Mai Matsuzono, Tsutomu Fukuda and Masatomo Iwao*

Department of Applied Chemistry, Faculty of Engineering, Nagasaki University, 1-14 Bunkyo-machi, Nagasaki 852-8521, Japan

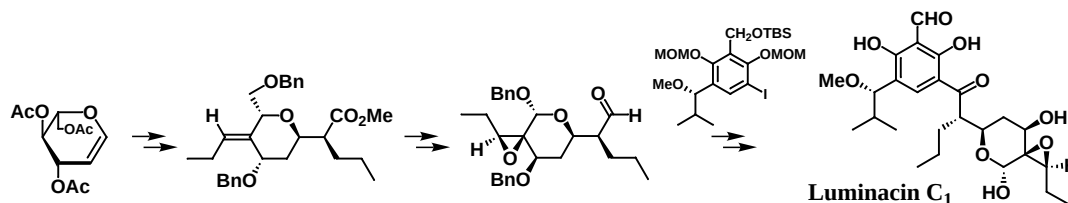


Tetrahedron Letters 42 (2001) 7621

The first total synthesis and establishment of absolute structure of luminacins C₁ and C₂

Kuniaki Tatsuta,* Satoshi Nakano, Fumie Narazaki and Yusuke Nakamura

Department of Applied Chemistry, School of Science and Engineering, Waseda University, 3-4-1 Ohkubo, Shinjuku-ku, Tokyo, 169-8555, Japan



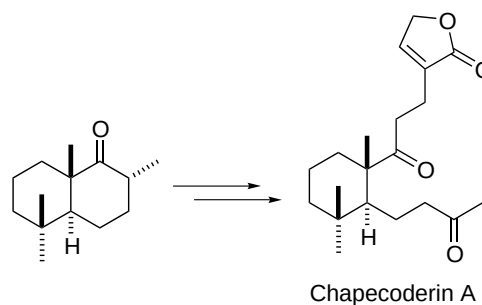
Tetrahedron Letters 42 (2001) 7625

First total synthesis of chapecoderin A: absolute configuration of the natural product

Hisahiro Hagiwara,^{a,*} Fumihide Takeuchi,^b Takashi Hoshi,^b
Toshio Suzuki^b and Masayoshi Ando^b

^aGraduate School of Science and Technology, Niigata University,
8050, 2-nocho, Ikarashi, Niigata 950-2181, Japan

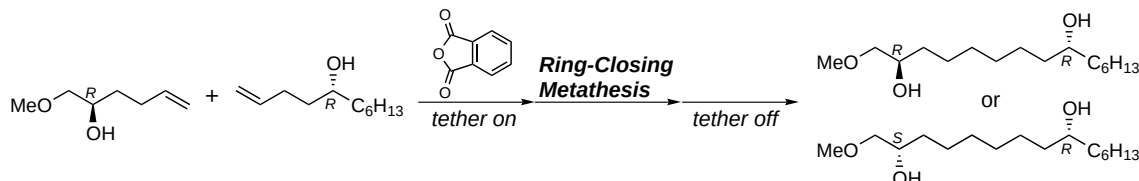
^bFaculty of Engineering, Niigata University, 8050, 2-nocho,
Ikarashi, Niigata 950-2181, Japan



Tetrahedron Letters 42 (2001) 7629

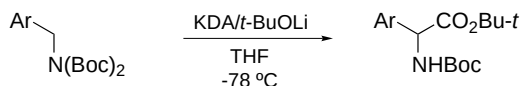
Tetrahedron Letters 42 (2001) 7633

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



Tetrahedron Letters 42 (2001) 7637

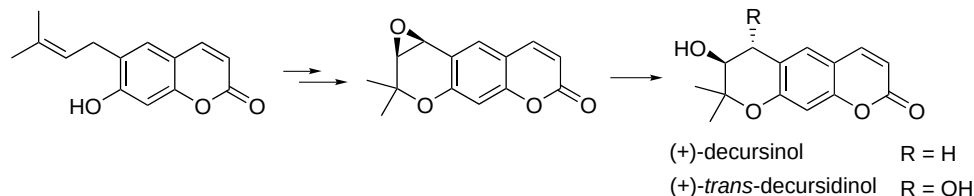
Department of Biotechnology, Faculty of Engineering, Tottori University, Koyama, Tottori 680-8552, Japan



Tetrahedron Letters 42 (2001) 7641

^aNatural Products Research Institute, Seoul National University, 28 Yungun, Jongro, Seoul 110-460, South Korea

^bKorea Institute of Science and Technology, PO Box 131, Cheongryang, Seoul 130-650, South Korea



Tetrahedron Letters 42 (2001) 7645

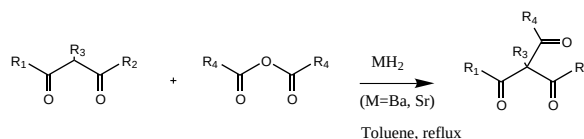
Shim Sung Lee^c and Ik-Mo Lee^{a,*}

^aDepartment of Chemistry, Inha University, 253 Yonghyundong, Namku, Incheon 402-751, South Korea

^bMicroelectronics Lab, Samsung Advanced Institute of Technology, San #24, Nongseo-Ri, Kiheung-Eup, Yongin-City, Kyungki-Do 449-900, South Korea

^cDepartment of Chemistry, Gyeongsang National University, Chinju 660-701, South Korea

Cyclic and acyclic 1,3,3'-triketones were prepared by the reactions adopting β -diketones and anhydrides in the presence of barium or strontium hydrides.



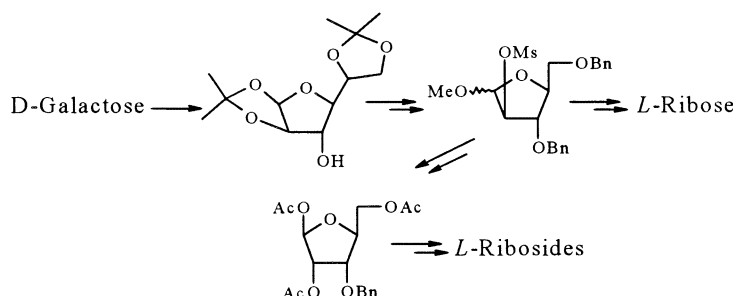
A stereospecific synthesis of L-ribose and L-ribosides from D-galactose

Tetrahedron Letters 42 (2001) 7651

Zhen-Dan Shi, Bing-Hui Yang* and Yu-Lin Wu

State Key Laboratory of Bio-organic and Natural Products Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Road, Shanghai 200032, China

A new route to L-ribose and L-ribosides from D-galactose is described.



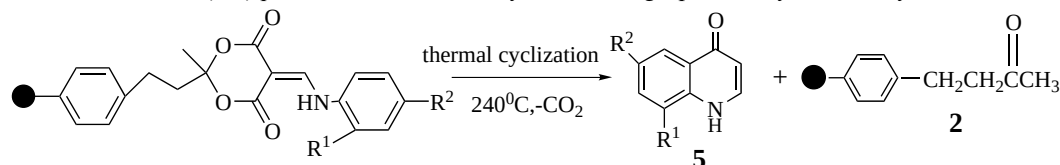
Preparation of a resin-bound cyclic malonic ester and a facile solid-phase synthesis of 4(1H)quinolones

Tetrahedron Letters 42 (2001) 7655

Xian Huang* and Zhanxiang Liu

Department of Chemistry, Zhejiang University (Campus Xixi), Hangzhou 310028, People's Republic of China

The reaction of a resin-bound cyclic malonic ester with triethyl orthoformate and subsequent substitution by an arylamine afforded a series of 4(1H)quinolones in moderate yields and high purities by thermal cyclization.



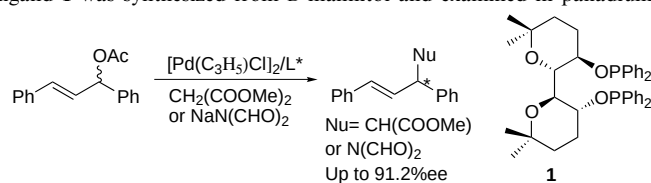
Pd-catalyzed asymmetric allylation with a novel C₂-symmetric bisphosphinite ligand: 3R,3'R-bis(diphenylphosphinoxy)-6,6',6'-tetramethyl-2S,2'S-di-4H-pyran

Tetrahedron Letters 42 (2001) 7659

Ruzhou Zhang, Libing Yu, Li Xu, Zhiqin Wang and Kuiling Ding*

State Key Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry, The Chinese Academy of Sciences, 354 Fenglin Road, Shanghai 200032, P.R. China

A novel chiral bisphosphinite ligand **1** was synthesized from D-mannitol and examined in palladium-catalyzed asymmetric allylation.

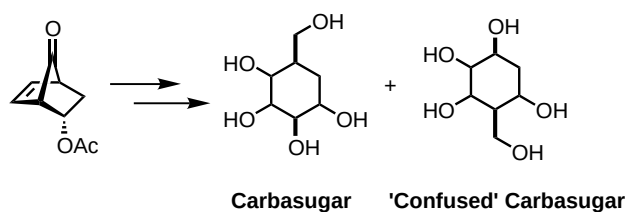


A general norbornyl based synthetic approach to carbasugars and 'confused' carbasugars

Tetrahedron Letters 42 (2001) 7663

Goverdhan Mehta,* Pinaki Talukdar and Narinder Mohal

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

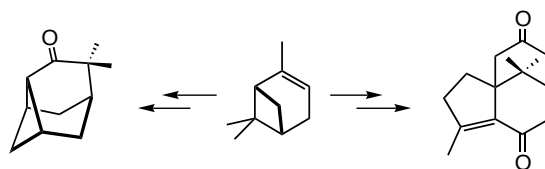


Restructuring α -pinene: novel entry into diverse polycarbocyclic frameworks

Tetrahedron Letters 42 (2001) 7667

Goverdhan Mehta* and Jayakrishnan Nandakumar

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

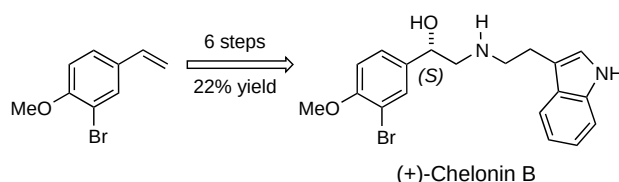


The asymmetric synthesis and stereochemical assignment of chelonin B

Tetrahedron Letters 42 (2001) 7671

Nicholas J. Lawrence* and Simon M. Bushell

Department of Chemistry, University of Manchester Institute of Science and Technology, PO Box 88, Manchester M60 1QD, UK

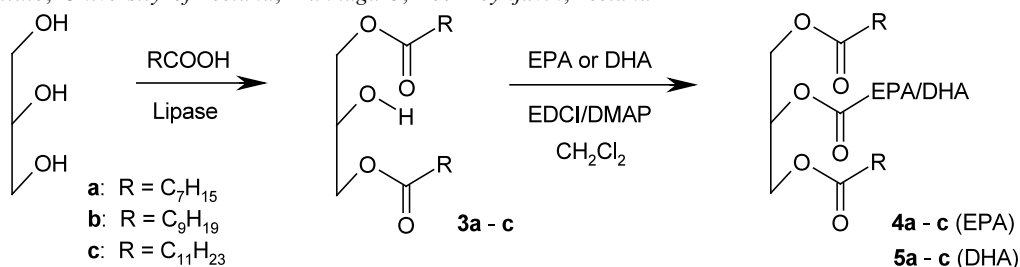


Chemoenzymatic synthesis of structured triacylglycerols

Tetrahedron Letters 42 (2001) 7675

Arnar Halldorsson, Carlos D. Magnusson and Gudmundur G. Haraldsson*

Science Institute, University of Iceland, Dunhaga 3, 107 Reykjavik, Iceland



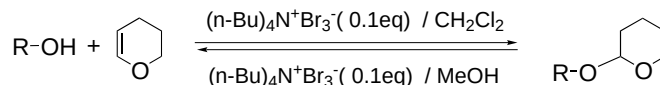
Tetrabutylammonium tribromide (TBATB)-promoted tetrahydropyranylation/depyranylation of alcohols

Tetrahedron Letters 42 (2001) 7679

Sarala Naik, Rangam Gopinath and Bhisma K. Patel*

Department of Chemistry, Indian Institute of Technology, Guwahati 781 039, India

Alcohols are tetrahydropyranylated rapidly in high yields in the presence of a catalytic amount of TBATB in dichloromethane at room temperature. Depyranylation to their parent alcohol is achieved in quantitative yields by merely changing the solvent to methanol.



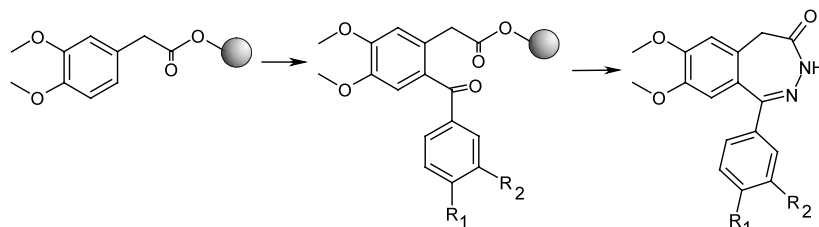
Solid-phase Friedel–Crafts acylation on polystyrene resins-synthesis of antiepileptic 1-aryl-3,5-dihydro-4H-2,3-benzodiazepin-4-ones

Tetrahedron Letters 42 (2001) 7683

Francesca Bevacqua,^a Andrea Basso,^b Rosaria Gitto,^a Mark Bradley^{b,*} and Alba Chimirri^{a,*}

^aDipartimento Farmaco-Chimico, Università di Messina, viale Annunziata 96168, Messina, Italy

^bDepartment of Chemistry, University of Southampton, Highfield SO17 1BJ, Southampton, UK



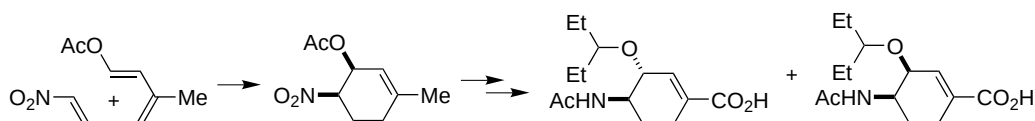
Synthesis of (3*R**,4*R**)-4-acetylamino-3-(pent-3-oxo)cyclohex-1-ene-1-carboxylic acid and its (3*S**,4*R**)-isomer and their inhibitory action against influenza virus sialidases

Tetrahedron Letters 42 (2001) 7687

Sean A. Kerrigan,^a Robin G. Pritchard,^a Paul W. Smith^b and Richard J. Stoodley^{a,*}

^aDepartment of Chemistry, UMIST, PO Box 88, Manchester M60 1QD, UK

^bGlaxoSmithKline, Medicines Research Centre, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY, UK



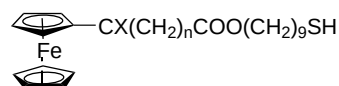
Synthesis of new SAM-forming ferrocene derivatives and their interfacial properties on gold

Tetrahedron Letters 42 (2001) 7691

Marytė Kažemėkaitė, Arūnas Bulovas, Vytautas Smirnovas, Gediminas Niaura, Eugenijus Butkus and Valdemaras Razumas*

Institute of Biochemistry, Mokslininkų 12, LT-2600 Vilnius, Lithuania

The synthesis of ferrocene-terminated alkylthiols containing an ester group removed from the ferrocene ring by 3-4 carbon atoms is reported. The basic redox properties and some structural features of the self-assembled monolayers formed by these compounds on gold were studied.



a: X=O, n=2

b: X=O, n=3

c: X=H₂, n=2

d: X=H₂, n=3

Actephilol A and epiactephilol A: two novel aromatic terpenoids isolated from *Actephila excelsa*

Tetrahedron Letters 42 (2001) 7695

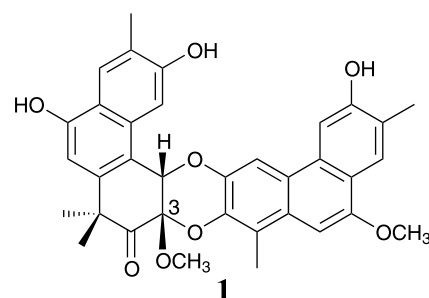
Simon P. B. Ovenden,^a Alex L. S. Yew,^a Robert P. Glover,^a Siewbee Ng,^a Christine J. Rossant,^a Jacinto C. Regalado, Jr.,^b Doel D. Soejarto,^c Antony D. Buss^a and Mark S. Butler^{a,*}

^aCentre for Natural Products Research, 59A Science Park Drive, The Fleming, Singapore Science Park, Singapore, 118240

^bThe Field Museum, 1200 South Lake Shore Drive, Chicago, IL 60605, USA

^cFaculty of Medicinal Chemistry and Pharmacognosy, University of Illinois at Chicago, 833 S. Wood Street, Chicago, IL 60612, USA

The gross structures and relative stereochemistry of actephilol A **1** and its C-3 epimer, epiactephilol A **2**, were determined through extensive 2D NMR analysis

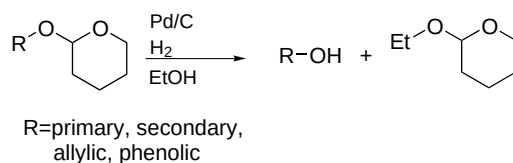


Cleavage of the THP protecting group under Pd/C-catalyzed hydrogenation conditions

Tetrahedron Letters 42 (2001) 7699

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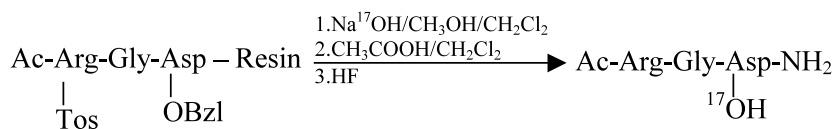


A convenient and rapid method for the selective oxygen-17 enrichment of aspartyl peptides during solid-phase synthesis

Tetrahedron Letters 42 (2001) 7703

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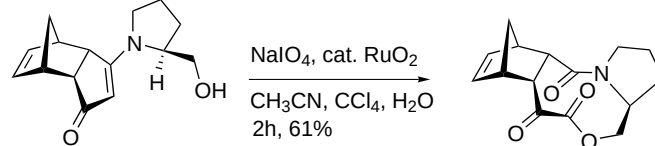
Regioselective electrophilic oxidation of a 5-amino-endo-tricyclo-[5.2.1.0^{2,6}]decenyl enaminone. Synthesis of a novel heterocyclic compound

Tetrahedron Letters 42 (2001) 7707

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An unexpected tandem regioselective oxidation and cyclization of 5-((S)-2'-hydroxymethylpyrrolidin-1'-yl)-endo-tricyclo-[5.2.1.0^{2,6}]deca-4,8-dien-3-one has been reported.



Carbon-carbon bond formation in neutral aqueous medium by modification of the Nozaki-Hiyama reaction

Tetrahedron Letters 42 (2001) 7711

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Chromium(II)-aminopolycarboxylate (L) complexes can be used for carbon-carbon bond formation in a protic medium at room temperature. The modified Nozaki-Hiyama reaction gave coupling products in good yields.

