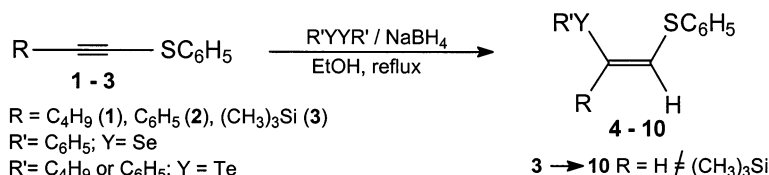


Hydrochalcogenation of phenylthioacetylenes. Synthesis of mixed (Z)-trisubstituted 1,2-bis(organylchalcogeno)-1-alkenes

Tetrahedron Letters 42 (2001) 1595

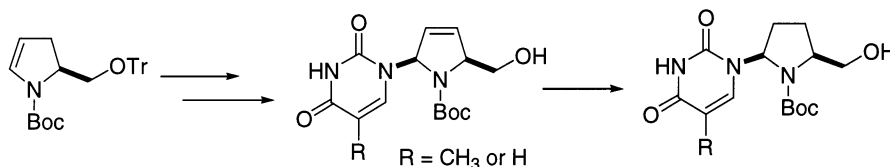
Miguel J. Dabdoub,* Vânia B. Dabdoub and Marco A. Pereira

Laboratório de Síntese de Compostos Organocalcogênicos, Departamento de Química, FFCLRP, Universidade de São Paulo, Av. Bandeirantes, 3900, Ribeirão Preto, SP, Brazil



Stereoselective synthesis of azanucleosides aza-stavudine (aza-D4T), aza-2',3'-didehydro-3'-deoxyuridine (aza-D4U), and its hydrogenated analogues from an endocyclic enecarbamate

Tetrahedron Letters 42 (2001) 1599

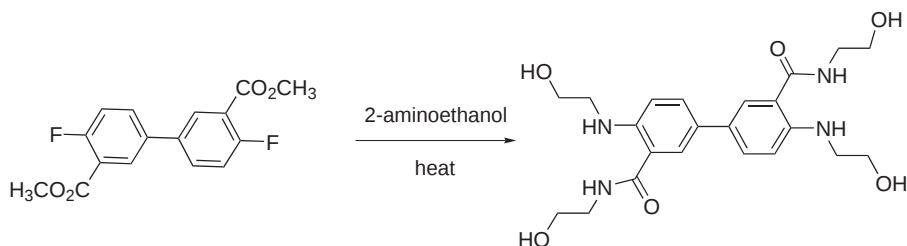
Edson R. Costenaro,^a Luis A. M. Fontoura,^b Denilson F. Oliveira^a and Carlos R. D. Correia^{a,*}^aInstituto de Química, Universidade Estadual de Campinas, UNICAMP, C.P. 6154, 13083-970, Campinas, São Paulo, Brazil^bFundação de Ciência e Tecnologia, Rua Washington Luiz 675, 90010-000, Porto Alegre, Rio Grande do Sul, Brazil

Reactions of 4,4'-difluoro-biphenyl-3,3'-dicarboxylic acid dimethyl ester with amino alcohols. A convenient route to biphenyl tetra-alcohols

Tetrahedron Letters 42 (2001) 1603

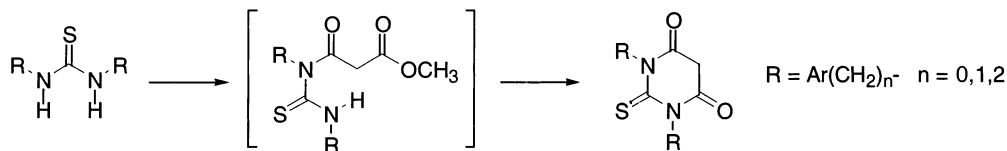
Zihong Guo* and Arthur G. Schultz

Department of Chemistry, Rensselaer Polytechnic Institute, Troy, NY 12180-3590, USA



An efficient acylation/base-catalyzed cyclization of thioureas affords N,N'-disubstituted thiobarbituric acids

Tetrahedron Letters 42 (2001) 1607

Perry C. Heath,^{a,*} Charles Q. Huang,^b Richard F. Lowe,^b James R. McCarthy,^b Leland O. Weigel^a and Jeffery P. Whitten^b^aLilly Research Laboratories, A Division of Eli Lilly and Company, Chemical Process Research and Development Division, Indianapolis, IN 46285-4813, USA^bNeurocrine Biosciences, Inc., San Diego, CA 92121, USA

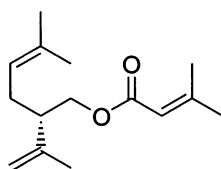
Tetrahedron Letters 42 (2001) 1611



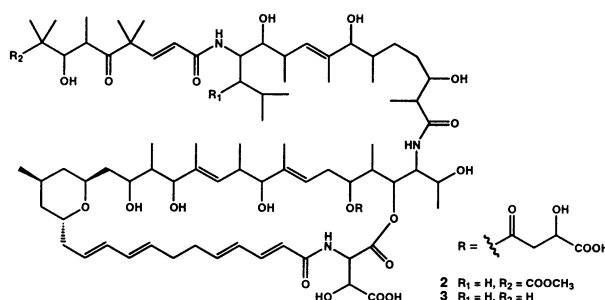
Tetrahedron Letters 42 (2001) 1615

$$\begin{array}{l} X_1=X_2= \text{Ph}; R_1=\text{NHR}; R_2=\text{H or NHR} \\ X_1=\text{Ph}; X_2=\text{PhNHR}; R_1=R_2=\text{H} \end{array}$$

Tetrahedron Letters 42 (2001) 1619



Tetrahedron Letters 42 (2001) 1623



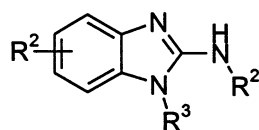
A solid phase traceless synthesis of 2-arylamino benzimidazoles

Tetrahedron Letters 42 (2001) 1627

Viktor Krchňák,* Jennifer Smith and Josef Vágner

SIDDCO Inc., 9040 South Rita Road, Tucson, AZ 85747, USA

A straightforward solid phase traceless synthesis of 2-arylamino benzimidazoles on a benzhydrylamine resin from *o*-fluoronitrobenzenes, isothiocyanates, and alkyl halides is described. Target compounds bear no trace of the linker.

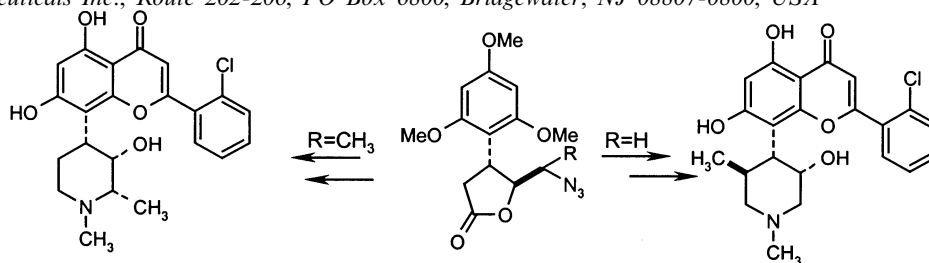


A stereocontrolled approach to substituted piperidones and piperidines: flavopiridol D-ring analogs

Tetrahedron Letters 42 (2001) 1631

Alexandre Gross, David R. Borchering, Dirk Friedrich and Jeffrey S. Sabol*

Aventis Pharmaceuticals Inc., Route 202-206, PO Box 6800, Bridgewater, NJ 08807-0800, USA



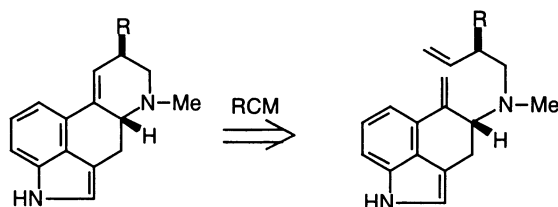
Novel entry to the *Ergot* alkaloids via ring closing metathesis

Tetrahedron Letters 42 (2001) 1635

Katherine L. Lee, Jane Betty Goh and Stephen F. Martin*

Department of Chemistry and Biochemistry, The University of Texas, Austin, TX 78712, USA

A ring closing metathesis reaction has been applied to the synthesis of the tetracyclic skeleton of the *Ergot* alkaloids.

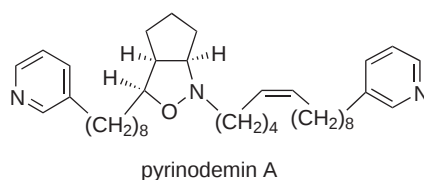


Synthesis of pyrinodemins A and B. Assignment of the double bond position of pyrinodemine A

Tetrahedron Letters 42 (2001) 1639

Barry B. Snider* and Bo Shi

Department of Chemistry, MS 015, Brandeis University, Waltham, MA 02454-9110, USA



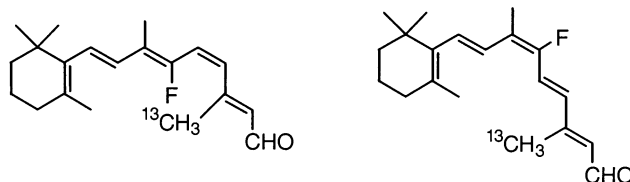
Isomers of 10-fluoro-20-¹³C-retinal and the corresponding rhodopsin analogs

Tetrahedron Letters 42 (2001) 1643

Jiahong Ni, Jin Liu, Leticia U. Colmenares and Robert S. H. Liu*

Department of Chemistry, University of Hawaii, Honolulu, HI 96822, USA

The 10-F,20-¹³C doubly-labeled retinal analog, useful for distance measurement in solid-state NMR, was synthesized and rhodopsin analogs were prepared from the 11-*cis* and 9-*cis* isomers.

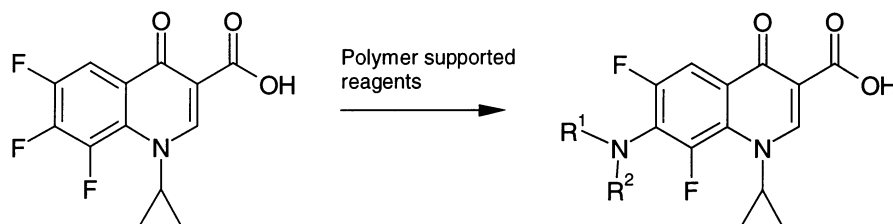


Expedition solution phase synthesis of fluoroquinolone antibacterial agents using polymer supported reagents

Tetrahedron Letters 42 (2001) 1645

Peter Hilty, Christian Hubschwerlen and Andrew W. Thomas*

F. Hoffmann-La Roche AG, Pharmaceuticals Division, Discovery Chemistry, CH 4070 Basel, Switzerland



An improved method for the synthesis of γ -lactones using sodium bromate and sodium hydrogen sulfite

Tetrahedron Letters 42 (2001) 1647

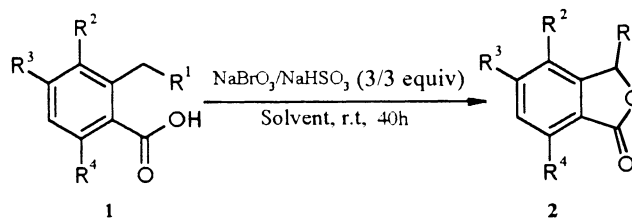
Safdar Hayat,^a Atta-ur-Rahman,^a M. Iqbal Choudhary,^a Khalid Mohammed Khan^a and Ernst Bayer^{b,*}

^a*H.E.J. Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Karachi 75270, Pakistan*

^b*Institut für Organische Chemie der Universität Tübingen, Auf der Morgenstelle 18, D-72076 Tübingen, Germany*

A method for a quick and easy access to γ -lactones by using sodium bromate and sodium hydrogen sulfite is described.

The method was successfully used for the synthesis of phthalide **2a** and nine other substituted phthalides.

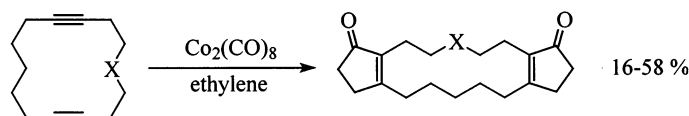


Twofold Pauson–Khand reaction of acyclic and cyclic diynes with ethylene

Tetrahedron Letters 42 (2001) 1651

Bernhard J. Rausch and Rolf Gleiter*

Organisch-Chemisches Institut, Universität Heidelberg, INF 270, D-69120 Heidelberg, Germany

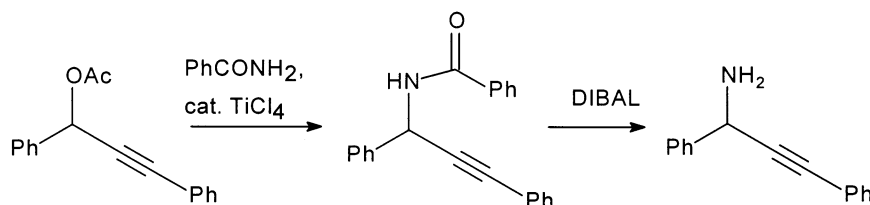


TiCl₄-mediated amination of propargylic esters

Tetrahedron Letters 42 (2001) 1655

R. Mahrwald* and S. Quint

Institut für Organische und Bioorganische Chemie der Humboldt Universität, Hessische Straße 1-2, D-10115 Berlin, Germany



Low temperature domino reactions. A ready access to trifluoromethyl substituted butenolides and their thioanalogues

Tetrahedron Letters 42 (2001) 1657

Klaus Burger,* Annett Fuchs, Lothar Hennig and Brigitte Helmreich

Department of Organic Chemistry, University of Leipzig, Johannisallee 29, D-04103 Leipzig, Germany

Domino reactions are described which provide ready access to trifluoromethyl substituted butenolides and their thioanalogues, starting from 2-fluoro-3-trifluoromethyl furans and thiophenes, respectively.

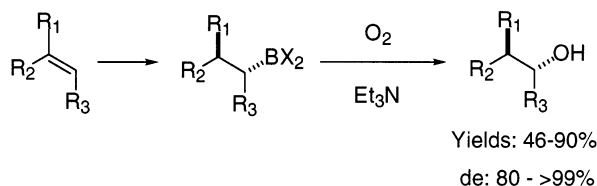


Hydroxylation of olefins using molecular oxygen via alkylboronic esters

Tetrahedron Letters 42 (2001) 1661

Christine Cadot, Peter I. Dalko* and Janine Cossy*

Laboratoire de Chimie Organique associé au CNRS, ESPCI, 10 rue Vauquelin, 75231 Paris Cedex 05, France



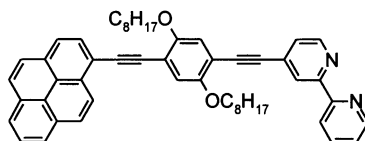
Zinc(II)-operated intramolecular charge transfer fluorescence emission in pyrene-2,2'-bipyridine conjugated molecular rods

Tetrahedron Letters 42 (2001) 1665

Stéphanie Leroy, Tirapattur Soujanya and Frédéric Fages*

Laboratoire de Chimie Organique et Organométallique, UMR 5802, Université Bordeaux 1, 33405, Talence Cedex, France

Synthesis and fluorescence emission properties of two conjugated molecular rods containing the pyrene and 2,2'-bipyridine units as termini are reported.

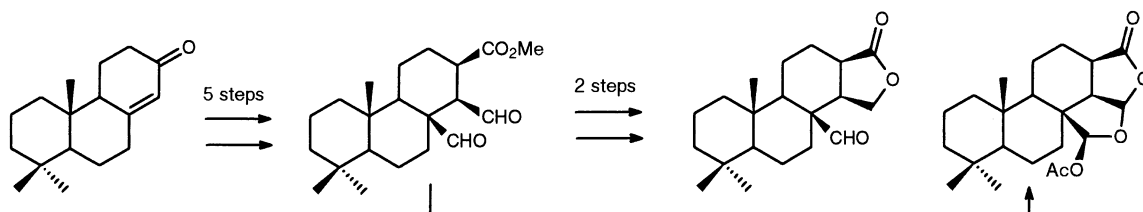


Synthesis of spongian diterpenes: (–)-spongian-16-oxo-17-al and (–)-acetyldendrillol-1

Tetrahedron Letters 42 (2001) 1669

Manuel Arnó,* Miguel A. González, M. Luisa Marín and Ramón J. Zaragoza*

Departament de Química Orgànica, Universitat de Valencia, Dr. Moliner 50, E-46100 Burjassot, Valencia, Spain

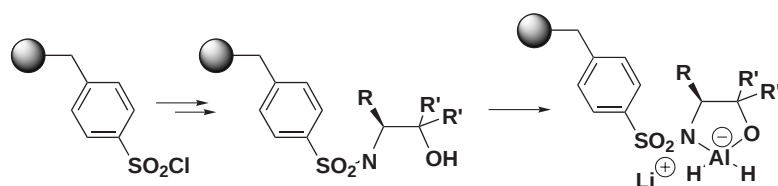


A general route for the preparation of polymer-supported *N*-tosyl aminoalcohols and their use as chiral auxiliaries

Tetrahedron Letters 42 (2001) 1673

Belén Altava, M. Isabel Burguete,* Manuel Collado, Eduardo García-Verdugo, Santiago V. Luis,* Rosa V. Salvador and María J. Vicent

Department of Inorganic and Organic Chemistry, ESTCE, University Jaume I, E-12080 Castellón, Spain

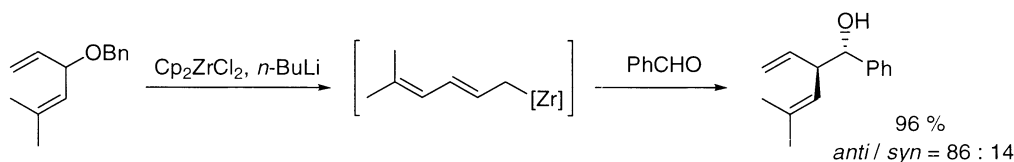


Pentadienylzirconium compounds: easily accessible new reagents for selective pentadienylation reactions

Tetrahedron Letters 42 (2001) 1677

Philippe Bertus, Franck Cherouvrier and Jan Szymoniak*

Réactions Sélectives et Applications, CNRS and Université de Reims, 51687 Reims Cedex 2, France



First synthesis of segetalin A and analogous cyclohexapeptides

Tetrahedron Letters 42 (2001) 1681

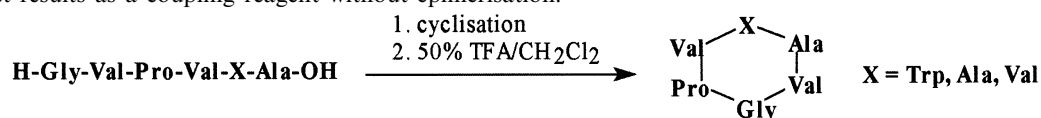
Pascal Sonnet,^{a,*} Laurent Petit,^a Danielle Marty,^a Jean Guillon,^b Jacques Rochette^a and Jean-Daniel Brion^c

^aFacultés de Médecine et de Pharmacie, EA 2629-Biomolécules et Pathologies Dégénératives, 1–3 rue des Louvels, F-80037 Amiens Cedex 1, France

^bEA 2962–Pharmacochimie, Université Victor Segalen Bordeaux II, 146, rue Léo Saignat, F-33076 Bordeaux Cedex, France

^cFaculté de Pharmacie, Université Paris XI, Laboratoire de Chimie Thérapeutique, UPRES-A CNRS 8076 BioCIS, 5, rue J.-B. Clément, F-92296 Châtenay-Malabry Cedex, France

The first synthesis of segetalin A and two analogues is described. Peptide cyclisation was carried out between L-glycine and L-alanine residues in the linear hexapeptide at the final step of the synthesis. The diphenylphosphoryl azide (DPPA) gave the best results as a coupling reagent without epimerisation.



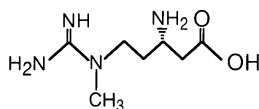
First synthesis of blastidic acid, a component amino acid in an antibiotic, blasticidin S

Tetrahedron Letters 42 (2001) 1753

Shinya Nomoto* and Akira Shimoyama

Department of Chemistry, University of Tsukuba, Tsukuba 305-8571, Japan

Blastidic acid was synthesized from α,γ -diaminobutyric acid through carbon-chain elongation, *N*-methylation and amidination.



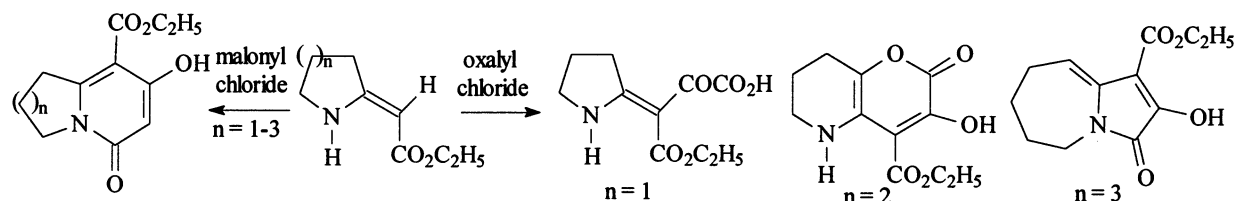
Annulation of heterocyclic secondary enamines with dicarboxylic acid dichlorides, an unexpected ring size effect

Tetrahedron Letters 42 (2001) 1757

Ying Cheng,^{a,*} Hai-Bo Yang,^a Zhi-Tang Huang^b and Mei-Xiang Wang^{b,*}

^a*Department of Chemistry, Beijing Normal University, Beijing 100875, China*

^b*Center for Molecular Science, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100080, China*



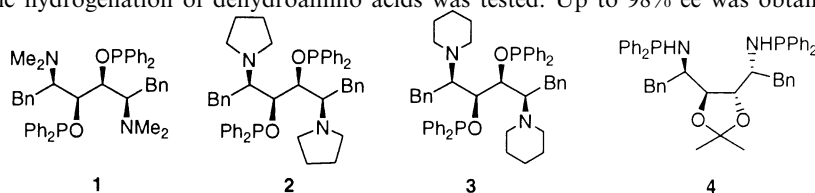
Rh-catalyzed asymmetric hydrogenation by using a new family of C_2 -symmetric bisphosphinites and a bisaminophosphine as ligands

Tetrahedron Letters 42 (2001) 1761

Ao Zhang and Biao Jiang*

Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Lu, Shanghai 200032, PR China

The application of a new family of C_2 -symmetric bisphosphinites **1**, **2** and **3** and the bisaminophosphine **4** in Rh-catalyzed asymmetric hydrogenation of dehydroamino acids was tested. Up to 98% ee was obtained.



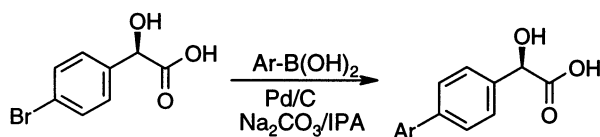
Preparation of enantiopure 4-arylmandelic acids via a Pd/C catalysed Suzuki coupling of enantiopure 4-bromomandelic acid

Tetrahedron Letters 42 (2001) 1765

Ulrich C. Dyer, Peter D. Shapland and Peter D. Tiffin*

Chemical Synthesis Department, Roche Discovery Welwyn, Broadwater Road, Welwyn Garden City, Hertfordshire AL7 3AY, UK

A library of enantiomerically pure mandelic acid derivatives has been prepared using a palladium on carbon catalysed Suzuki reaction. The chirality was derived from enantiomerically pure 4-bromomandelic acid which was obtained by resolution with α -methylbenzylamine.



Synthesis, structure and complexing properties of new calix[4](aza)crowns

Tetrahedron Letters 42 (2001) 1685

Rym Abidi,^{a,*} Issam Oueslati,^a Hassen Amri,^b Pierre Thuéry,^{c,*} Martine Nierlich,^c Zouhair Asfari^d and Jacques Vicens^{d,*}

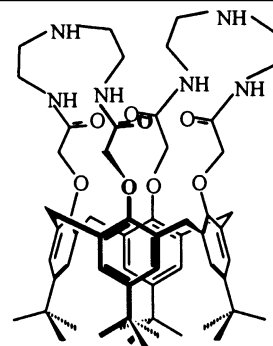
^aFaculté des Sciences de Bizerte, Université de Tunis II, 7021 Zarzouna-Bizerte, Tunisia

^bLaboratoire de Chimie Organique et Organométallique, Faculté des Sciences de Tunis, 1060 Tunis, Tunisia

^cCEA/Saclay, SCM (CNRS URA 331), Bât. 125, 91191 Gif-sur-Yvette, France

^dECPM, Groupe de Chimie des Interactions Moléculaires Spécifiques, associé au CNRS, 25, rue Becquerel, F-67087 Strasbourg Cedex 2, France

The synthesis, structure and complexation properties of calix[4](aza)crowns are described.



A *trans*-vinylogous ester anion equivalent and its application to the synthesis of (+)-brefeldin A

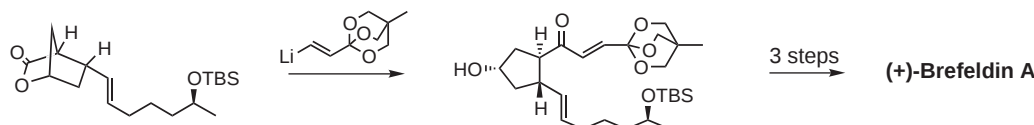
Tetrahedron Letters 42 (2001) 1691

Young-Ger Suh,^{a,*} Seung-Yong Seo,^a Jae-Kyung Jung,^a Ok-Hui Park^a and Ra-Ok Jeon^b

^aCollege of Pharmacy, Seoul National University, San 56-1, Shinrim-Dong, Kwanak-Gu, Seoul 151-742, South Korea

^bCollege of Pharmacy, Sookmyung Women's University, Seoul 140-742, South Korea

The concise total synthesis of (+)-brefeldin A has been accomplished via reaction of a newly developed *trans*-vinylogous ester anion equivalent with the known bicyclic intermediate.

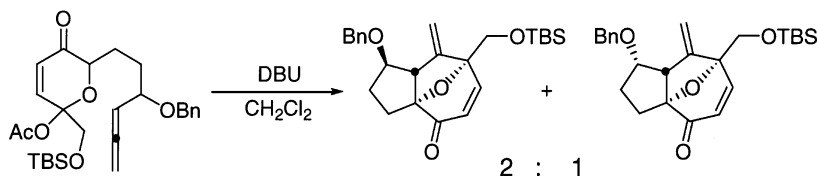


Studies toward the synthesis of arteminolide: [5+2] cycloaddition reaction of allenes with oxidopyrylium ions

Tetrahedron Letters 42 (2001) 1695

Hee-Yoon Lee,^{*} Jeong-Hun Sohn and Hyoun Young Kim

Center for Molecular Design and Synthesis, Department of Chemistry and School of Molecular Science (BK21), Korea Advanced Institute of Science and Technology, Taejeon 305-701, South Korea



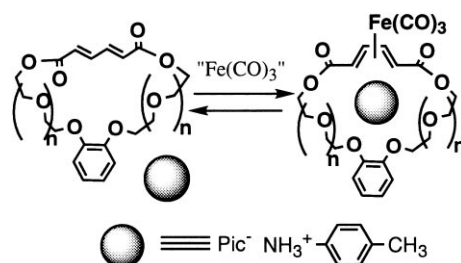
Synthesis, structure, and host ability of macrocycles based on the structural diversity of 1,3-diene

Tetrahedron Letters 42 (2001) 1699

Hiroshi Yamaguchi, Saburo Nakanishi, Nobuhiro Kihara and Toshikazu Takata^{*}

Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University, Sakai, Osaka 599-8531, Japan

The on and off system of an $\text{Fe}(\text{CO})_3$ unit on a 1,3-diene was very effective for modifying the host ability of diene-containing macrocycles.

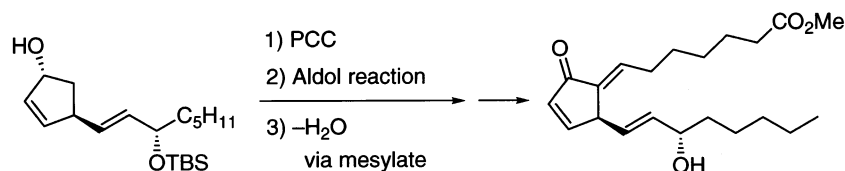


Synthesis of Δ^7 -prostaglandin A₁ methyl ester

Tetrahedron Letters 42 (2001) 1703

Yuichi Kobayashi,* Modachur G. Muruges and Miwa Nakano

Department of Biomolecular Engineering, Tokyo Institute of Technology, 4259 Nagatsuta-cho, Midori-ku, Yokohama 226-8501, Japan



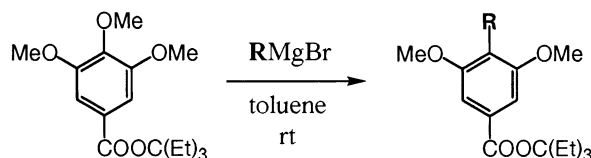
A new practical method for regioselective nucleophilic aromatic alkylation of *ortho*- or *para*-methoxy-substituted aromatic esters with Grignard reagents

Tetrahedron Letters 42 (2001) 1709

Tomoyuki Kojima,^a Takeshi Ohishi,^a Izumi Yamamoto,^a Tatsuomi Matsuoka^b and Hiyoshizo Kotsuki^{a,*}

^aDepartment of Chemistry, Faculty of Science, Kochi University, Akebono-cho, Kochi 780-8520, Japan

^bDepartment of Biology, Faculty of Science, Kochi University, Akebono-cho, Kochi 780-8520, Japan



Spiro-prorocentrime, a novel macrocyclic lactone from a benthic *Prorocentrum* sp. of Taiwan

Tetrahedron Letters 42 (2001) 1713

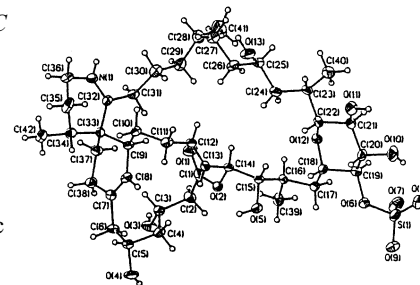
Chung-Kuang Lu,^{a,c} Gene-Hsiang Lee,^b Rang Huang^a and Hong-Nong Chou^{c,*}

^aInstitute of Oceanography, National Taiwan University, Taipei, Taiwan 10617, ROC

^bInstrument Center, College of Science, National Taiwan University, Taipei, Taiwan 10617, ROC

^cInstitute of Fisheries Science, National Taiwan University, Taipei, Taiwan 10617, ROC

Spiro-prorocentrime, C₄₂H₆₉NO₁₃S, is a polar lipid-soluble toxin isolated from a laboratory-cultured benthic *Prorocentrum* species of Taiwan, crystallized in methanol. X-ray diffraction analysis of the compound revealed a spiro-linked cyclic imine with the *ortho*, *para*-disubstituted 3'-cyclohexene in addition to its macrolide skeleton. ¹³C and ¹H signals of NMR were then assigned accordingly.



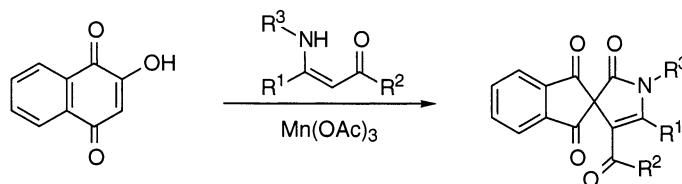
A novel oxidative free radical reaction between 2-hydroxy-1,4-naphthoquinone and β -enamino carbonyl compounds

Tetrahedron Letters 42 (2001) 1717

Che-Ping Chuang* and Yi-Lung Wu

Department of Chemistry, National Cheng Kung University, Tainan, 70101 Taiwan, ROC

The manganese(III) initiated oxidative free radical reaction between 2-hydroxy-1,4-naphthoquinone and β -enamino carbonyl compounds is described.



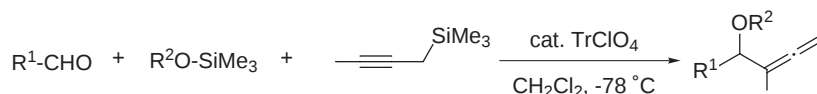
Lewis acid-catalyzed three-component condensation reactions of aldehydes, alkoxysilanes, and propargylsilane: synthesis of α -allenyl ethers

Tetrahedron Letters 42 (2001) 1721

Lui Niimi, Keitaro Shiino, Shuichi Hiraoka and Tsutomu Yokozawa*

Department of Applied Chemistry, Kanagawa University, Rokkakubashi, Kanagawa-ku, Yokohama 221-8686, Japan

The Lewis acid-catalyzed three-component condensation reactions of aldehydes, alkoxytrimethylsilanes and 1-trimethylsilyl-2-butyne yielded the corresponding α -allenyl ethers in good yields.



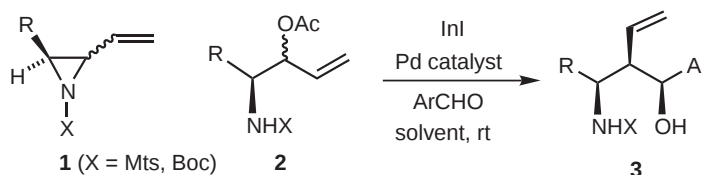
Stereoselective synthesis of nonracemic 1,3-amino alcohols from chiral 2-vinylaziridines by InI–Pd(0)-promoted metalation

Tetrahedron Letters 42 (2001) 1725

Yoshiji Takemoto,* Miyuki Anzai, Reiko Yanada, Nobutaka Fujii, Hiroaki Ohno and Toshiro Ibuka

Graduate School of Pharmaceutical Sciences, Kyoto University, Sakyo-ku, Kyoto 606-8501, Japan

Treatment of chiral 3-alkyl-2-vinylaziridines **1** and allylic acetates **2** with InI in the presence of Pd(PPh₃)₄ gives the *syn,syn*-2-vinyl-1,3-amino alcohols **3** in good yields.



A concise construction of an erythrinane skeleton using Mn(III)/Cu(II)-mediated oxidative radical cyclization of α -methylthio amides

Tetrahedron Letters 42 (2001) 1729

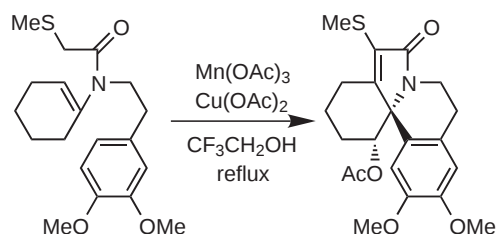
Atsushi Toyao,^a Shiho Chikaoka,^a Yoshifumi Takeda,^a

Osamu Tamura,^a Osamu Muraoka,^b Genzoh Tanabe^b

and Hiroyuki Ishibashi^{a,*}

^a*Faculty of Pharmaceutical Sciences, Kanazawa University, Takara-machi, Kanazawa 920-0934, Japan*

^b*Faculty of Pharmaceutical Sciences, Kinki University, Kowakae, Higashi-osaka, Osaka 577-0818, Japan*

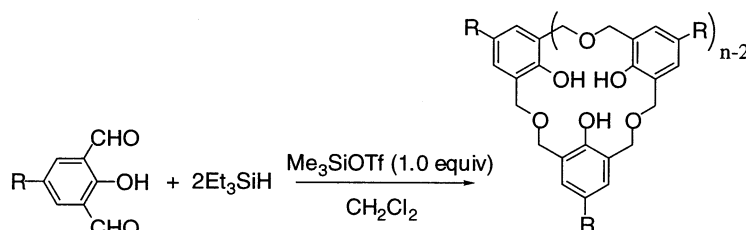


New synthetic route to homooxacalix[n]arenes via reductive coupling of diformylphenols

Tetrahedron Letters 42 (2001) 1733

Naoki Komatsu*

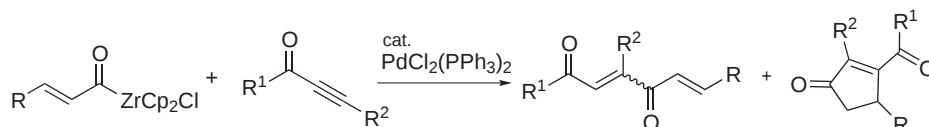
Department of Chemistry, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan



Pd-catalyzed acylation of α,β -ynone with acylzirconocene chloride and one-pot formation of cyclopentenone derivatives

Tetrahedron Letters 42 (2001) 1737

Yuji Hanzawa,* Akito Kakuuchi, Masaya Yabe, Kensuke Narita, Nobuhito Tabuchi and Takeo Taguchi*
School of Pharmacy, Tokyo University of Pharmacy & Life Science, 1432-1 Horinouchi, Hachioji, Tokyo 192-0392, Japan



Structure revision of mitragynaline, an indole alkaloid in *Mitragyna speciosa*

Tetrahedron Letters 42 (2001) 1741

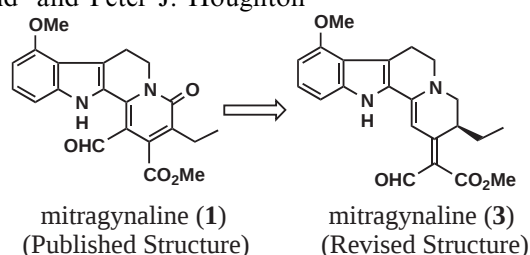
Hiromitsu Takayama,^{a,*} Hayato Ishikawa,^a Mika Kurihara,^a Mariko Kitajima,^a Shin-ichiro Sakai,^a Norio Aimi,^{a,b} Hiroko Seki,^b Kentaro Yamaguchi,^b Ikram M. Said^c and Peter J. Houghton^d

^a*Faculty of Pharmaceutical Sciences, Chiba University, 1-33, Yayoi-cho, Inage-ku, Chiba 263-8522, Japan*

^b*Chemical Analysis Center of Chiba University, 1-33, Yayoi-cho, Inage-ku, Chiba 263-8522, Japan*

^c*Chemistry Department, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia*

^d*Department of Pharmacy, King's College London, Franklin-Wilkins Building, 150 Stamford Street, London SE1 8WA, UK*



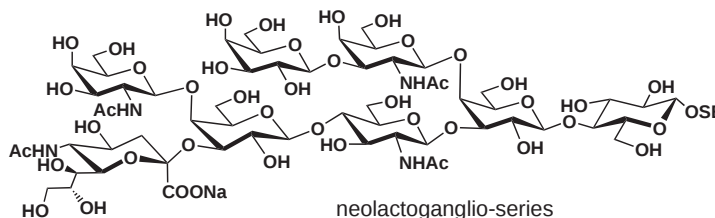
The first synthesis of glycan parts of lactoganglio- and neolactoganglio-series gangliosides

Tetrahedron Letters 42 (2001) 1745

Naoki Sawada, Misako Ito, Hideharu Ishida* and Makoto Kiso*

Department of Applied Bioorganic Chemistry, Gifu University, Gifu 501-1193, Japan

The glycan parts of lactoganglio- and neolactoganglio-series of gangliosides were synthesized for the first time based on a well-designed synthetic strategy.

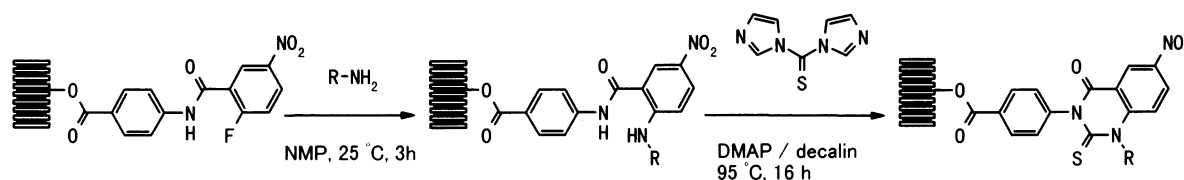


Solid-phase synthesis of 1,3-disubstituted 2-thioxoquinazoline-4-ones using S_NAr reaction

Tetrahedron Letters 42 (2001) 1749

Shingo Makino,* Eiji Nakanishi and Takashi Tsuji

Pharmaceutical Research Laboratories, Ajinomoto Co. Inc., 1-1 Suzuki-cho, Kawasaki-ku, Kawasaki-shi 210-8681, Japan



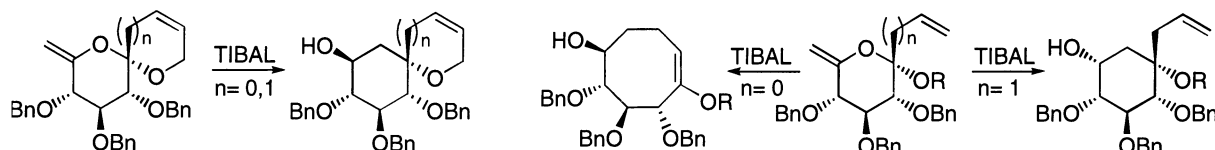
Triisobutylaluminium mediated carbocyclisation of sugar derived spiroketals and ketosides

Tetrahedron Letters 42 (2001) 1769

Peter A. V. van Hooft,^a Gijsbert A. van der Marel,^a Constant A. A. van Boeckel^b and Jacques H. van Boom^{a,*}

^aLeiden Institute of Chemistry, PO Box 9502, 2300 RA Leiden, The Netherlands

^bLead Discovery Unit, N.V. Organon, PO Box 20, 5340 BH Oss, The Netherlands

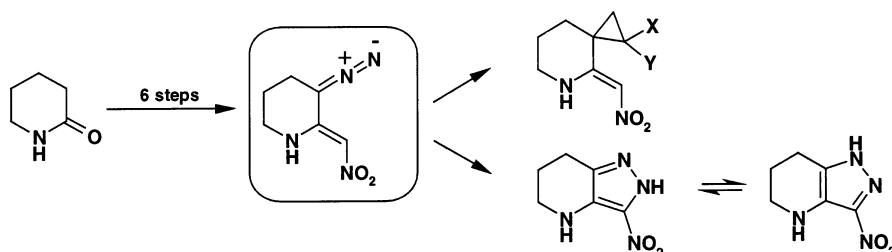


The synthesis of 3-diazo-2-nitromethylenepiperidine

Tetrahedron Letters 42 (2001) 1773

Ian S. Hutchinson, Stephen A. Matlin and Antonio Mete*

Department of Chemistry, Warwick University, Coventry CV4 7AL, UK



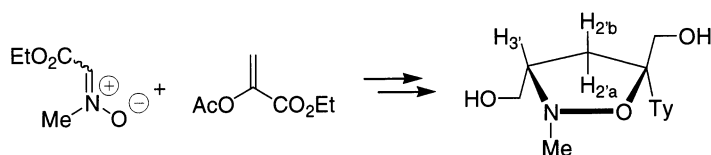
Diastereoselective synthesis of *N,O*-psiconucleosides via 1,3-dipolar cycloadditions

Tetrahedron Letters 42 (2001) 1777

Ugo Chiacchio,^{a,*} Antonino Corsaro,^a Daniela Iannazzo,^b Anna Piperno,^b Antonio Rescifina,^a Roberto Romeo^b and Giovanni Romeo^{b,*}

^aDipartimento di Scienze Chimiche, Università di Catania, Catania, Italy

^bDipartimento Farmaco-Chimico, Università di Messina, Messina, Italy



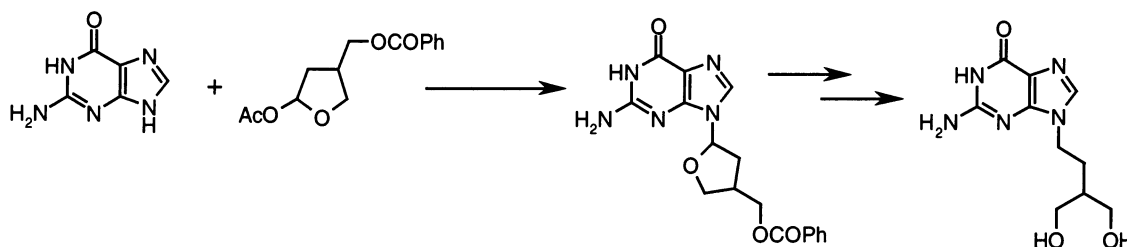
Regioselective alkylation of guanines using 2-acetoxytetrahydrofurans

Tetrahedron Letters 42 (2001) 1781

Graham R. Geen,^a Peter M. Kincey^{a,*} and P. Grant Spoors^b

^aSmithKline Beecham Pharmaceuticals, New Frontiers Science Park, Third Avenue, Harlow, Essex CM19 5AW, UK

^bSmithKline Beecham Pharmaceuticals, 709 Swedeland Road, King of Prussia, PA 19406, USA



A high yielding synthesis of anthranilate esters from sterically hindered alcohols

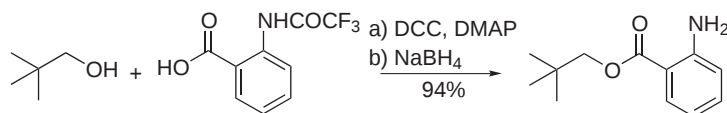
Tetrahedron Letters 42 (2001) 1785

David Barker,^a Malcolm D. McLeod,^{a,*} Margaret A. Brimble^b and G. Paul Savage^c

^a*School of Chemistry, F11, University of Sydney, Camperdown, NSW, 2006 Australia*

^b*Department of Chemistry, University of Auckland, 23 Symonds St., Auckland, New Zealand*

^c*CSIRO Molecular Science, Bag 10, Clayton South, Vic. 3169, Australia*

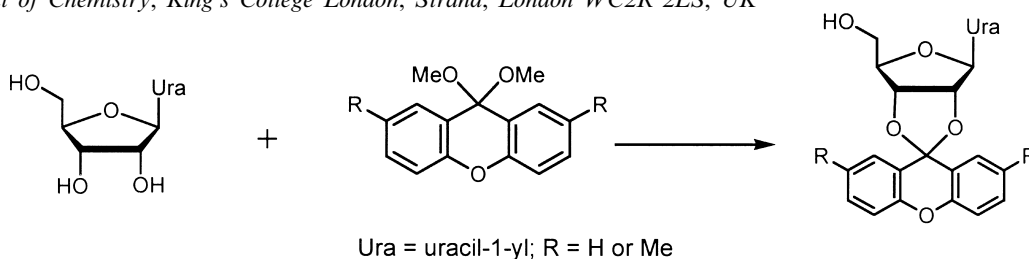


Xanthen-9-ylidene and 2,7-dimethylxanthen-9-ylidene protecting groups

Tetrahedron Letters 42 (2001) 1789

Colin B. Reese,* Quanlai Song and Hongbin Yan

Department of Chemistry, King's College London, Strand, London WC2R 2LS, UK



Diaminomethyleneaminocarbonyldinitromethane, formed during the preparation of 2-amino-6-chloro-5-nitro-4(3H)-pyrimidinone by nitration of 2-amino-6-chloro-4(3H)-pyrimidinone

Tetrahedron Letters 42 (2001) 1793

Peter H. Boyle,* Karen M. Daly, Fabien Leurquin, J. Kenneth Robinson and Damien T. Scully

University Chemical Laboratory, Trinity College, Dublin 2, Ireland

