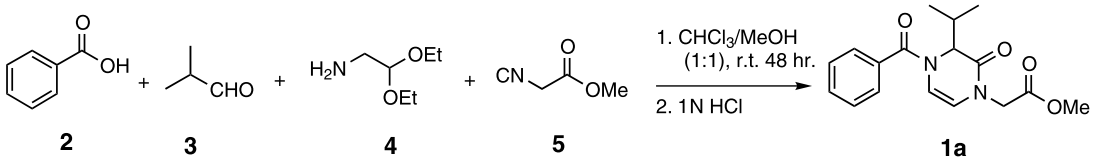
A convenient solution and solid-phase synthesis of Δ^5-2-oxopiperazines via *N*-acyliminium ions cyclization

Tetrahedron Letters 43 (2002) 6293

Jie-Fei Cheng,* Mi Chen, Thomas Arrhenius and Alex Nadzan

Department of Chemistry, Chugai Pharma USA, LLC, 6275 Nancy Ridge Drive, San Diego, CA 92121, USA

Ugi four-component condensation followed by an *N*-acyliminium ion cyclization reaction provides Δ^5-2-oxopiperazine ring system in one-pot in high yield both in solution phase and on a solid support.



2 **3** **4** **5** **1a**

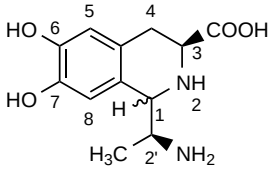
Synthesis of new β-turn dipeptide mimetic based on tetrahydroisoquinoline moiety

Tetrahedron Letters 43 (2002) 6297

Paolo Grieco,* Pietro Campiglia, Isabel Gomez-Monterrey and Ettore Novellino

Dipartimento di Chimica Farmaceutica e Tossicologia, Università di Napoli 'Federico II', Via D. Montesano, 49, 80131 Napoli, Italy

Synthesis of a new β-turn dipeptide mimetic performed by a Pictet–Spengler condensation.



Synthesis of 2-amino-6-(2-[^{18}F]fluoro-pyridine-4-ylmethoxy)-9-(octyl-β-D-glucosyl)-purine: a novel radioligand for positron emission tomography studies of the O^6-methylguanine-DNA methyltransferase (MGMT) status of tumour tissue

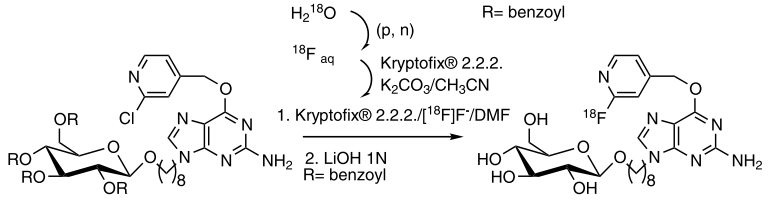
Tetrahedron Letters 43 (2002) 6301

Ralf Schirrmacher,[a,*] Ute Mühlhausen,[a] Björn Wängler,[a] Esther Schirrmacher,[a] Jost Reinhard,[b] Gerd Nagel,[c] Bernd Kaina,[c] Markus Piel[a] and Frank Rösch[a]

[a]*Institute of Nuclear Chemistry, Section Radiopharmaceutical Chemistry, University of Mainz, Fritz-Strassmann-Weg 2, D-55128 Mainz, Germany*

[b]*German Cancer Research Center, Division of Molecular Toxicology, Im Neuenheimer Feld 280, D-69120 Heidelberg, Germany*

[c]*Division of Applied Toxicology, Institute of Toxicology, University of Mainz, Obere Zahlbacher Str. 67, D-55099 Mainz, Germany*



Efficient bismuth catalysts for transcarbamoylation

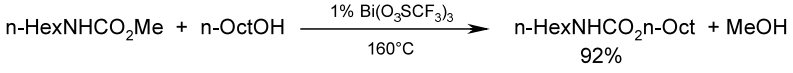
Tetrahedron Letters 43 (2002) 6305

B. Jousseaume,[a,*] C. Laporte,[a] T. Toupance[a] and J.-M. Bernard[b]

[a]*Laboratoire de Chimie Organique et Organométallique, UMR 5802 CNRS, Université Bordeaux 1, 351, Cours de la Libération, F-33405 Talence Cedex, France*

[b]*Centre de Recherche des Carrières, Rhodia, 85 avenue des Frères Perret, BP 62, F-69192 Saint-Fons, France*

Bismuth triflate proved to be a very efficient catalyst in transcarbamoylation reactions with aliphatic alcohols.



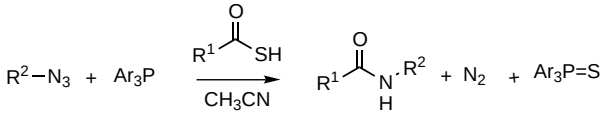
A new type of amide formation from thiocarboxylic acid and alkyl azide

Tetrahedron Letters 43 (2002) 6309

Sang-Don Park, Jung-Hee Oh and Dongyeol Lim*

Department of Applied Chemistry, Sejong University, Seoul 143-747, Republic of Korea

Coupling of thiocarboxylic acids and azides mediated by triaryl phosphines affords amides in high yields.

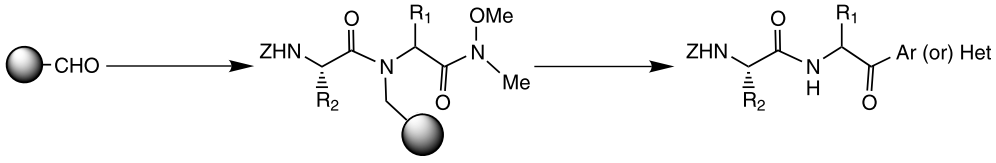


Solid-phase synthesis of peptidyl α-keto heterocycles

Tetrahedron Letters 43 (2002) 6313

Chakrapani Subramanyam* and Shang Poa Chang

Pfizer Global Research and Development, Groton Laboratories, Eastern Point Road, Groton, CT 06340, USA



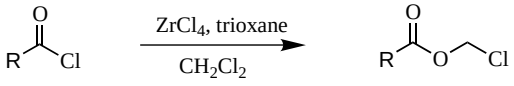
A practical synthesis of chloromethyl esters from acid chlorides and trioxane or paraformaldehyde promoted by zirconium tetrachloride

Tetrahedron Letters 43 (2002) 6317

Boguslaw Mudryk,[a,]* Shanthi Rajaraman[b] and Nachimuthu Soundararajan[a]

[a]*Process Research and Development, Bristol-Myers Squibb Pharmaceutical Research Institute, One Squibb Drive, PO Box 191, New Brunswick, NJ 08903, USA*

[b]*Department of Chemistry, Rutgers University, 610 Taylor Road, Piscataway, NJ 08854, USA*

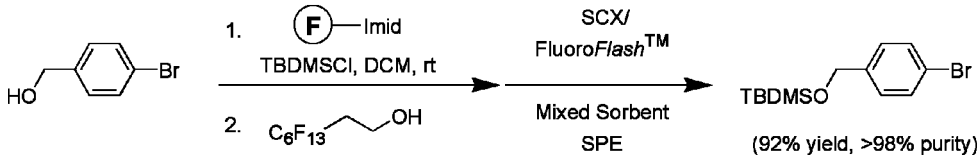


Fluorous-tethered amine bases for organic and parallel synthesis: scope and limitations

Tetrahedron Letters 43 (2002) 6319

Craig W. Lindsley,* Zhijian Zhao, William H. Leister and Kimberly A. Strauss

Department of Medicinal Chemistry, Technology Enabled Synthesis Group, Merck Research Laboratories, PO Box 4, West Point, PA 19486, USA



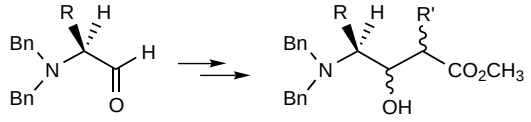
New organometallic approach to derivatives of α-substituted statines from *N*,*N*-dibenzylaminoaldehydes

Tetrahedron Letters 43 (2002) 6325

Nicolas Le Carrer-Le Goff,[a,b] Patrick Audin,[a] Joëlle Paris[a,*] and Bernard Cazes[b,*]

[a]*Laboratoire de Chimie Thérapeutique, EA 635, ISPB, 8 Av. Rockefeller, 69373 Lyon Cedex 08, France*
[b]*Laboratoire de Chimie Organique I, associé au CNRS, Université Claude Bernard-Lyon, Bât. CPE-Lyon, 43 Bd. du 11 Novembre 1918, 69622 Villeurbanne, France*

Synthesis of derivatives of α-substituted statines via the diastereoselective addition of allylic zinc reagents to *N*,*N*-dibenzylaminoaldehydes followed by ozonolysis.

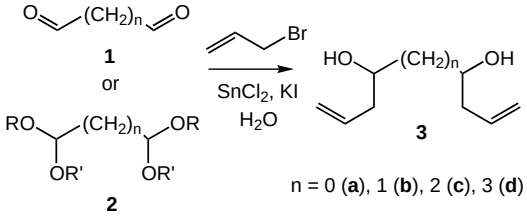


Practical synthesis of bis-homoallylic alcohols from dialdehydes or their acetals

Tetrahedron Letters 43 (2002) 6329

Vyacheslav V. Samoshin,* Dmitriy E. Gremyachinskiy, Lori L. Smith, Igor V. Bliznets and Paul H. Gross

Department of Chemistry, University of the Pacific, Stockton, CA 95211, USA

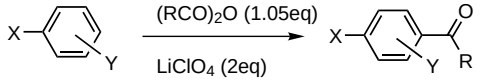


$LiClO_4$–acyl anhydrides complexes as powerful acylating reagents of aromatic compounds in solvent free conditions

Tetrahedron Letters 43 (2002) 6331

Giuseppe Bartoli,[a,*] Marcella Bosco,[a] Enrico Marcantoni,[b] Massimo Massaccesi,[a] Samuele Rinaldi[a] and Letizia Sambri[a]

[a]*Dipartimento di Chimica Organica 'A. Mangini', v. le Risorgimento 4, I-40136 Bologna, Italy*
[b]*Dipartimento di Scienze Chimiche, Via S. Agostino 1, I-62032 Camerino (MC), Italy*



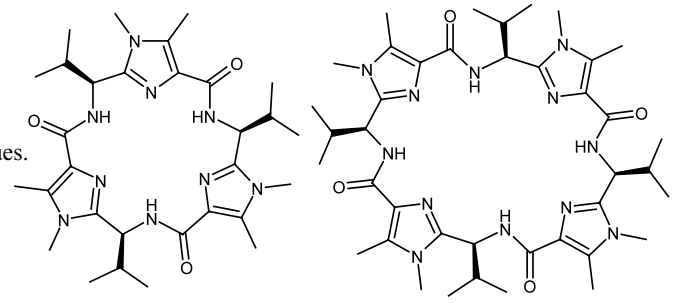
Synthesis of a new class of imidazole-based cyclic peptides

Tetrahedron Letters 43 (2002) 6335

Gebhard Haberhauer* and Frank Rominger

Organisch-Chemisches Institut, Universität Heidelberg, Im Neuenheimer Feld 270, D-69120 Heidelberg, Germany

A new class of cyclic peptides based on dipeptidyl imidazoles is presented. Their structure consists of imidazole units alternating with standard amino acid residues.

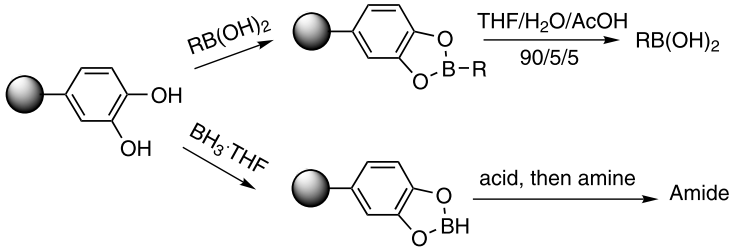


Catechol pendant polystyrene for solid-phase synthesis

Tetrahedron Letters 43 (2002) 6339

Wenqian Yang, Xingming Gao, Greg Springsteen and Binghe Wang*

Department of Chemistry, North Carolina State University, Raleigh, NC 27695-8204, USA



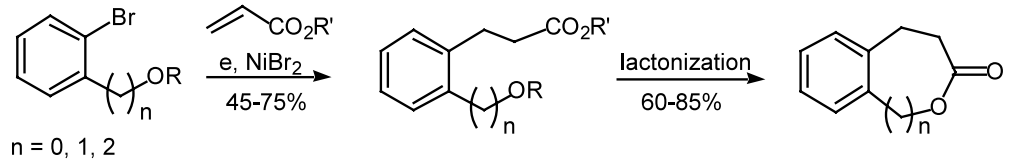
Synthesis of 6-, 7-, and 8-membered lactones via the nickel-catalysed electrochemical arylation of electron-deficient olefins

Tetrahedron Letters 43 (2002) 6343

Janesmar Camilo de Mendonça Cavalcanti,[a] Marilia Oliveira Fonseca Goulart,[a] Eric Léonel[b] and Jean-Yves Nédélec[b,*]

[a]*Departamento de Quimica/CCEN, Universidade Federal de Alagoas, Campus A. C. Simoes, Tabuleiro do Martins, 57072-970 Maceio, Al, Brazil*

[b]*Laboratoire d'électrochimie, catalyse et synthèse organique, UMR 7582, CNRS-Université Paris 12, 2, rue Henri Dunant, 94320 Thiais, France*



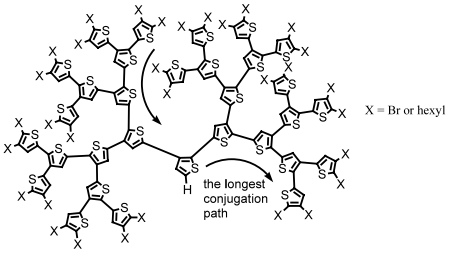
Novel unsymmetrically hyperbranched polythiophenes with conjugation gradient

Tetrahedron Letters 43 (2002) 6347

Ming-Hua Xu and Lin Pu*

Department of Chemistry, University of Virginia, Charlottesville, VA 22904-4319, USA

A hyperbranched polythiophene contains unsymmetrically substituted thiophenes. This leads to conjugation gradient and light harvesting.



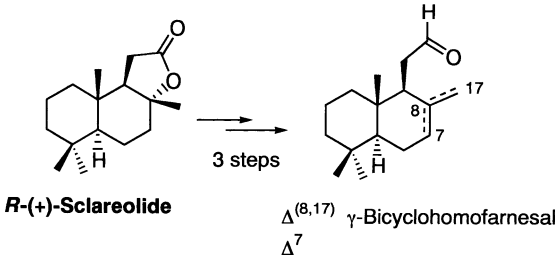
Straightforward synthesis of the strong ambergris odorant γ-bicyclohomofarnesal and its *endo*-isomer from *R*-(+)-sclareolide

Tetrahedron Letters 43 (2002) 6351

María C. de la Torre,[a,*] Isabel García[a] and Miguel A. Sierra[b]

[a]*Instituto de Química Orgánica, Consejo Superior de Investigaciones Científicas (CSIC), Juan de la Cierva 3, 28006 Madrid, Spain*

[b]*Departamento de Química Orgánica, Facultad de Química, Universidad Complutense, 28040 Madrid, Spain*



***R*-(+)-Sclareolide**

$\Delta^{(8,17)}$ γ-Bicyclohomofarnesal

Δ^{7}

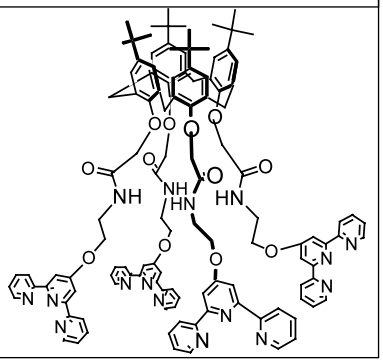
Tetrahedron Letters 43 (2002) 6355

Molecular scaffolds for di-metallic complexation: the synthesis, characterisation and complexation properties of tetrakis-terpyridinyl-calix[4]arene

Yann Molard and Hélène Parrot-Lopez*

Synthèse, Reconnaissance et Organisation Moléculaire et Biomoléculaire, UMR CNRS 5078, Université Claude Bernard-Lyon I, Domaine Scientifique de la Doua, Bât. J. Raulin, 43 Bd du 11 Novembre 1918, 69622 Villeurbanne cedex, France

The ligand tetrakis-terpyridinyl-calix[4]arene is used as a rigid scaffold and pre-organiser of supramolecular assemblies by complexation of the Ni(II), Cu(II) and Co(II) cations. The studies show the existence of M_2L-type complexes.



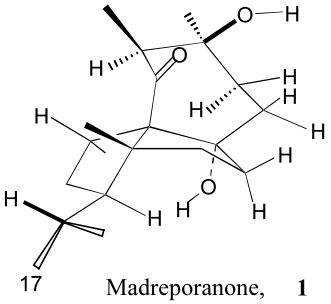
Tetrahedron Letters 43 (2002) 6359

Madreporanone, a unique diterpene with a novel skeleton from *Azorella madreporica*

Luis Alberto Loyola,[a] Jorge Bórquez,[a] Glauco Morales,[a] Aurelio San-Martín[b] and José Darias[c,*]

[a]*Laboratorio de Productos Naturales, Facultad de Ciencias Básicas, Universidad de Antofagasta, Camino a Coloso S/N, Antofagasta, Chile*
[b]*Departamento de Química, Facultad de Ciencias, Universidad de Chile, Las Palmeras 3425, Santiago, Chile*
[c]*Instituto de Productos Naturales y Agrobiología del CSIC, Avenida Astrofísico Francisco Sánchez, 3, 38206 La Laguna, Tenerife, Spain*

The structure and stereochemistry for madreporanone are described.



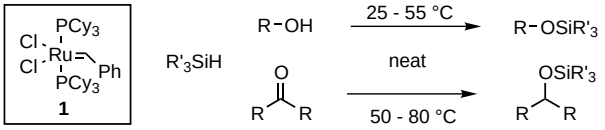
Madreporanone, **1**

Tetrahedron Letters 43 (2002) 6363

Activation of silanes by Grubbs' carbene complex $Cl_2(PCy_3)_2Ru{=}CHPh$: dehydrogenative condensation of alcohols and hydrosilylation of carbonyls

Sarah V. Maifeld, Reagan L. Miller and Daesung Lee*

Department of Chemistry, University of Wisconsin, Madison, WI 53706, USA



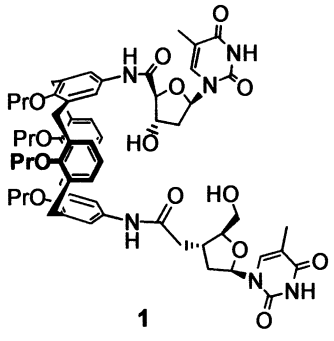
Tetrahedron Letters 43 (2002) 6367

Design and synthesis of calix[4]arene–nucleoside hybrids

Su Jeong Kim and Byeang Hyean Kim*

National Research Lab, Department of Chemistry, Division of Molecular and Life Sciences, Pohang University of Science and Technology, San 31 Hyoja Dong, Pohang 790-784, South Korea

The synthesis of three types of calixnucleosides has been achieved by amide bond formation between amine functional groups of 1,3-diaminocalix[4]arene and carboxylic acid groups of thymidine nucleosides. The X-ray crystallography of a calixnucleoside revealed an interesting hydrogen-bonding pattern between thymine bases and the amide linkages.



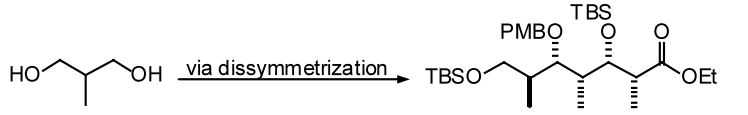
1

A short synthesis of the C_{15}–C_{21} segment of (+)-discodermolide, based on an asymmetric approach from achiral 2-methyl-1,3-propanediol to versatile enantiopure stereotriads

Tetrahedron Letters 43 (2002) 6373

Kazi A. Shahid,[a] Yong-Nan Li,[b] Momotoshi Okazaki,[a] Yoshihiro Shuto,[a] Fumitaka Goto[c] and Syun-ichi Kiyooka[b,*]

[a]*The United Graduate School of Agricultural Sciences, Ehime University, Tarumi, Matsuyama 790-8566, Japan*
[b]*Institute for Fundamental Research of Organic Chemistry, Kyushu University, Higashi-ku, Fukuoka 812-8581, Japan*
[c]*Cellular Technology Institute, Otsuka Pharmaceutical Co., Ltd, Kawauchi-cho, Tokushima 771-0130, Japan*



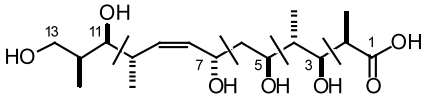
Achiral diol — (+)-Discodermolide C_{15}-C_{21} segment

A straightforward, highly stereoselective construction of eight stereogenic centers in (+)-discodermolide C_1–C_{13} segment, based on a strategy of iterative aldol reactions

Tetrahedron Letters 43 (2002) 6377

Kazi A. Shahid,[a] Jahan Mursheda,[a] Momotoshi Okazaki,[a] Yoshihiro Shuto,[a] Fumitaka Goto[b] and Syun-ichi Kiyooka[c,*]

[a]*The United Graduate School of Agricultural Sciences, Ehime University, Tarumi, Matsuyama 790-8566, Japan*
[b]*Cellular Technology Institute, Otsuka Pharmaceutical Co., Ltd, Kawauchi-cho, Tokushima 771-0130, Japan*
[c]*Institute for Fundamental Research of Organic Chemistry, Kyushu University, Higashi-ku, Fukuoka 812-8581, Japan*



(+)-Discodermolide C_1-C_{13} segment
Four slant lines present iterative aldol reactions.

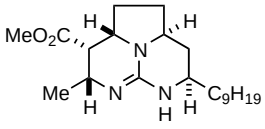
Stereoselective synthesis of tricyclic guanidine, the key component of the batzelladine alkaloids

Tetrahedron Letters 43 (2002) 6383

Kazuo Nagasawa,[a,*] Takanori Ishiwata,[c] Yuichi Hashimoto[a] and Tadashi Nakata[b,c]

[a]*Institute of Molecular and Cellular Biosciences, Univeristy of Tokyo, Bunkyo-ku, Tokyo 113-0032, Japan*
[b]*RIKEN (The Institute of Physical and Chemical Research), Wako, Saitama 351-0198, Japan*
[c]*Graduate School of Science and Engineering, Saitama University, Shimokubo, Saitama 338-8570, Japan*

Stereoselective and efficient synthesis of tricyclic guanidine, the key component of batzelladine A and D, was accomplished.

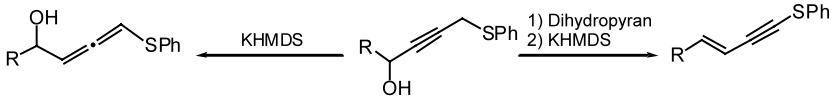


Convenient method for the preparation of 1-phenylthio-3-alken-1-ynes and 4-hydroxy-1-phenylthio-1,2-alkadienes from a common precursor

Tetrahedron Letters 43 (2002) 6387

Atsushi Ogawa, Kazunari Sakagami, Akiko Shima, Hitoshi Suzuki, Satsuki Komiya, Yoshinori Katano and Oyo Mitsunobu*

Department of Chemistry, College of Science and Engineering, Aoyama Gakuin University, Chitosedai, Setagayaku, Tokyo 157-8572, Japan

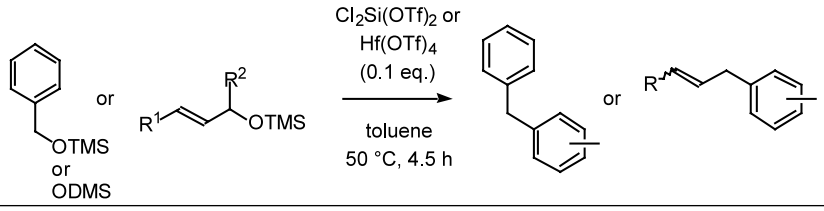


Tetrahedron Letters 43 (2002) 6391

The catalytic Friedel–Crafts alkylation reaction of aromatic compounds with benzyl or allyl silyl ethers using $Cl_2Si(OTf)_2$ or $Hf(OTf)_4$

Isamu Shiina* and Masahiko Suzuki

Department of Applied Chemistry, Faculty of Science, Tokyo University of Science, Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan

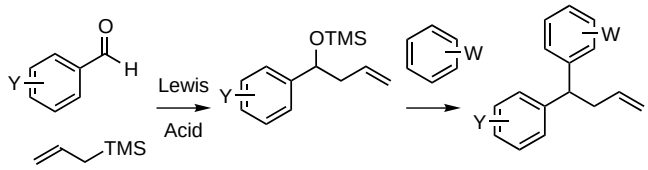


Tetrahedron Letters 43 (2002) 6395

A convenient method for the synthesis of 4,4-diarylbut-1-enes via the successive allylation of aromatic aldehydes and the Friedel–Crafts alkylation reaction of aromatic nucleophiles with the intermediary benzyl silyl ethers using $HfCl_4$ or $Cl_2Si(OTf)_2$

Isamu Shiina,* Masahiko Suzuki and Kazutoshi Yokoyama

Department of Applied Chemistry, Faculty of Science, Tokyo University of Science, Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan

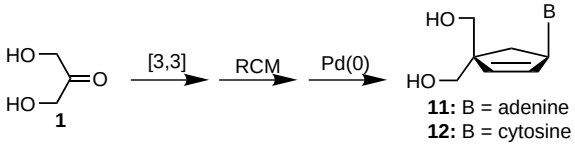


Tetrahedron Letters 43 (2002) 6399

Efficient synthesis of novel carbocyclic nucleosides via sequential Claisen rearrangement and ring-closing metathesis

Ok Hyun Ko and Joon Hee Hong*

College of Pharmacy, Chosun University, Kwangju 501-759, Republic of Korea



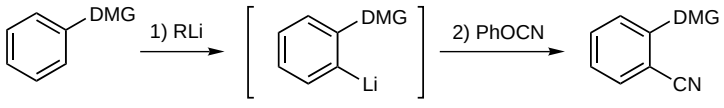
11: B = adenine
12: B = cytosine

Tetrahedron Letters 43 (2002) 6403

A new efficient synthesis of *ortho*-cyanoarenes via directed lithiation followed by electrophilic cyanation

Nobuhiro Sato*

Graduate School of Integrated Science, Yokohama City University, Yokohama 236-0027, Japan

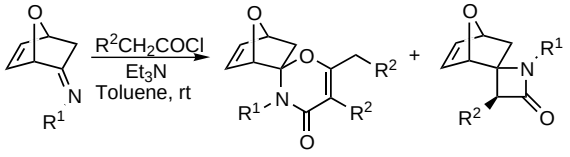


The Staudinger reaction of imines derived from 7-oxanorbornenone: formation of spiranic oxazinone versus β-lactam rings

Tetrahedron Letters 43 (2002) 6405

Odón Arjona,* Aurelio G. Csákÿ, M. Carmen Murcia and Joaquín Plumet*

Departamento de Química Orgánica I, Facultad de Química, Universidad Complutense, 28040 Madrid, Spain



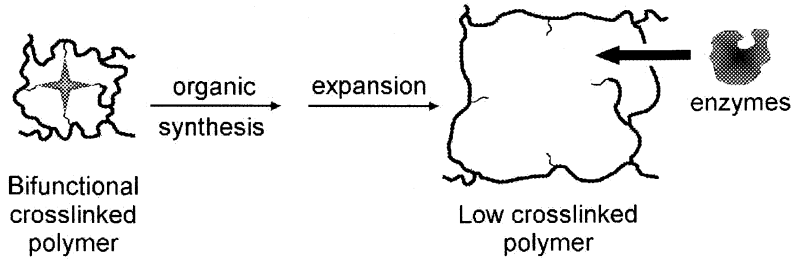
$EXPO_{3000}$—a new expandable polymer for synthesis and enzymatic assays

Tetrahedron Letters 43 (2002) 6409

Christian W. Tornøe and Morten Meldal*

Center for Solid Phase Organic Combinatorial Chemistry, Department of Chemistry, Carlsberg Laboratory, Gamle Carlsberg Vej 10, DK-2500 Valby, Denmark

A new polymer for synthesis and enzymatic assays is presented which displays low swelling in all solvents until selective cleavage of a silyl based crosslinker expands the polar resin to render it penetratable for enzymes.

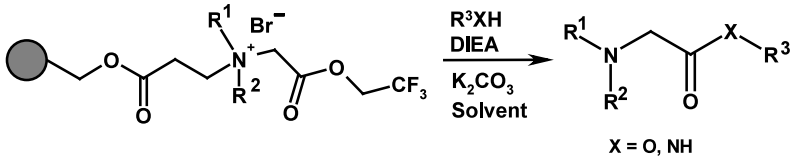


One-pot Hofmann elimination–transesterification/amidation reactions on REM resin using perfluorous solvents

Tetrahedron Letters 43 (2002) 6413

J. Richard Morphy,* Zoran Rankovic and Mark York

Medicinal Chemistry Department, Organon Laboratories Ltd., Newhouse ML1 5SH, Scotland, UK



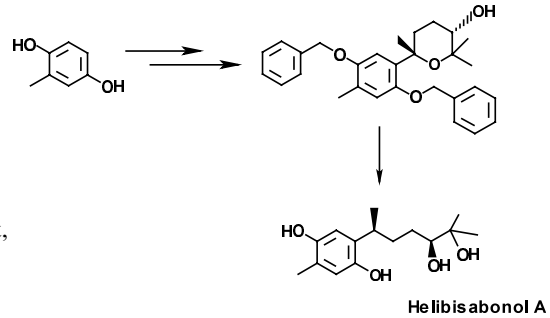
First total synthesis of (±)-helibisabonol A

Tetrahedron Letters 43 (2002) 6417

Francisco A. Macías,* David Marín, David Chinchilla and José M. G. Molinillo

Grupo de Alelopatía, Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Cádiz, C/República Saharaui s/n, Apdo. 40, 11510-Puerto Real (Cádiz), Spain

Helibisabonol A, a new sesquiterpene from *Helianthus annuus* var. Peredovick© has been synthesized with an overall yield of 67% in six reaction steps, the most important ones being a Fries rearrangement, a Grignard reaction and a catalytic hydrogenation.

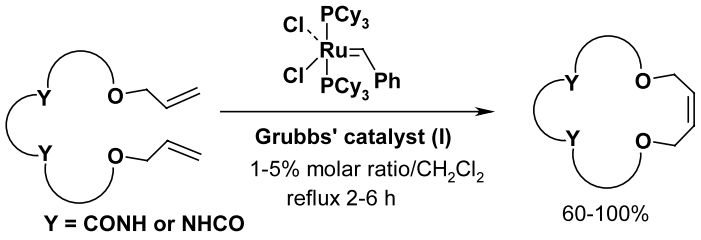


Tetrahedron Letters 43 (2002) 6421

Efficient atom economic approaches towards macrocyclic crown diamides via ring-closing metathesis

Haider Behbehani, Maher R. Ibrahim and Yehia A. Ibrahim*

Chemistry Department, Faculty of Science, Kuwait University, PO Box 5969, Safat 13060, Kuwait



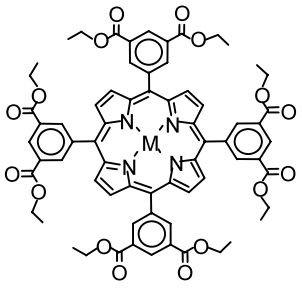
Tetrahedron Letters 43 (2002) 6427

Facile synthesis and supramolecular network of a Zn(II)–octaesterporphyrin

P. Bhyrappa,* G. Vaijayanthimala and B. Verghese

Department of Chemistry, Indian Institute of Technology-Madras, Chennai 600 036, India

The synthesis and characterization of an octaester porphyrin have been reported and its Zn(II) complex shows an interesting coordination network structure.



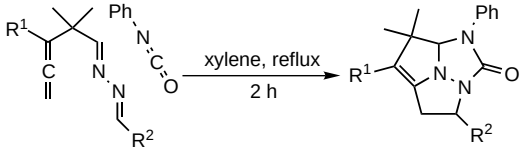
Tetrahedron Letters 43 (2002) 6431

New fused heterocycles by combined intra-intermolecular criss-cross cycloaddition of nonsymmetrical azines

Stanislav Man,[a] Petr Kulhánek,[a] Milan Potáček[a,*] and Marek Nečas[b]

[a]*Department of Organic Chemistry, Faculty of Science, Masaryk University, Kotlářská 2, CZ-611 37 Brno, Czech Republic*
[b]*Department of Inorganic Chemistry, Faculty of Science, Masaryk University, Kotlářská 2, CZ-611 37 Brno, Czech Republic*

New heterocyclic compounds with three fused five-membered rings containing nitrogen were prepared by combined intra-intermolecular criss-cross cycloaddition reactions in one pot.



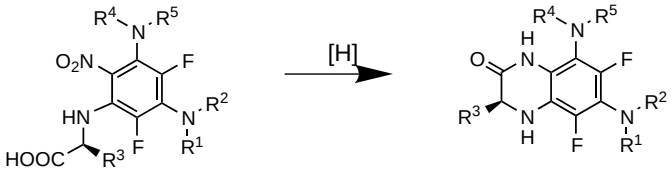
Tetrahedron Letters 43 (2002) 6435

Synthesis of 6,8-substituted-5,7-difluoro-3,4-dihydro-1*H*-quinoxalin-2-ones via reductive cyclisation of 2,4,6-substituted-3,5-difluoronitrobenzenes

Richard J. Holland, Ian R. Hardcastle* and Michael Jarman

CRUK Centre for Cancer Therapeutics at the Institute of Cancer Research, Cotswold Road, Sutton, Surrey SM2 5NG, UK

The synthesis of substituted 5,7-difluoro-3,4-dihydro-1*H*-quinoxalin-2-ones is described via reductive cyclisation of 2,4,6-substituted-3,5-difluoronitrobenzenes.

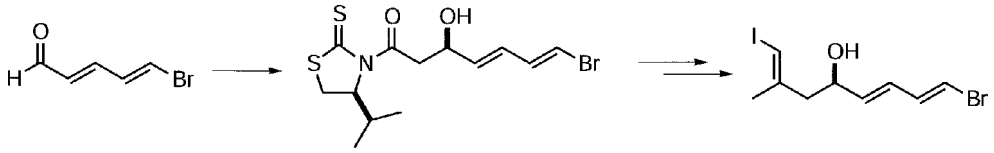


Tetrahedron Letters 43 (2002) 6439

Synthesis of the C10–C17 fragment of aurisides and callipeltosides

Moisés Romero-Ortega, David A. Colby and Horacio F. Olivo*

Division of Medicinal and Natural Products Chemistry, College of Pharmacy, The University of Iowa, Iowa City, IA 52242, USA

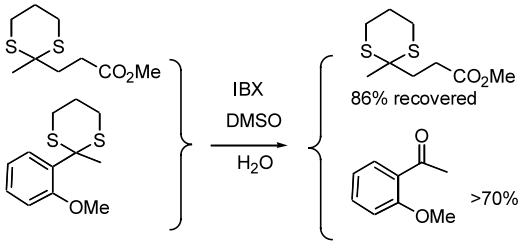


Tetrahedron Letters 43 (2002) 6443

Preferential hydrolysis of benzylic/allylic dithianes and dithiolanes using *o*-iodoxybenzoic acid (IBX) in DMSO containing traces of water

Yikang Wu,* Xin Shen, Jia-Hui Huang, Chao-Jun Tang, He-Hua Liu and Qi Hu

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

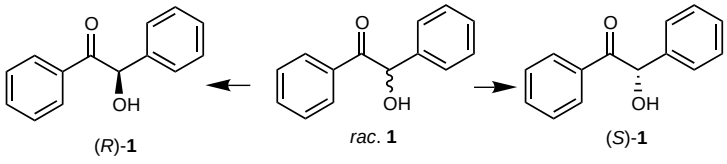


Tetrahedron Letters 43 (2002) 6447

Fungal deracemization of benzoin

Ayhan S. Demir,[a,b,*] Haluk Hamamci,[b,c] Ozge Sesenoglu,[a] Rahsan Neslihanoglu,[b] Beril Asikoglu[b] and Doga Capanoglu[b]

[a]*Middle East Technical University, Department of Chemistry, 06531 Ankara, Turkey*
[b]*Middle East Technical University, Department of Biotechnology, 06531 Ankara, Turkey*
[c]*Middle East Technical University, Department of Food Engineering, 06531 Ankara, Turkey*



Tetrahedron Letters 43 (2002) 6451

A stereoselective route towards highly functionalized 4,6-diaminocyclohexene derivatives

Steven H. L. Verhelst,[a] Wouter Wiedenhof,[a] Huib Ovaa,[a] Gijsbert A. van der Marel,[a] Herman S. Overkleeft,[a] Constant A.A. van Boeckel[b] and Jacques H. van Boom[a,*]

[a]*Leiden Institute of Chemistry, PO Box 9502, 2300 RA Leiden, Netherlands*
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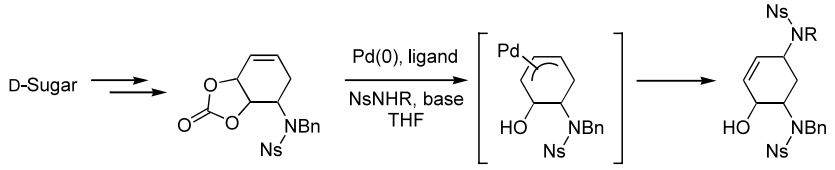
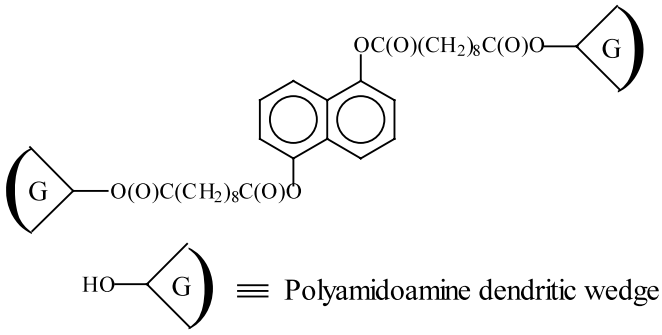


Tetrahedron Letters 43 (2002) 6457

Towards fluorescence sensing polyamidoamine (PAMAM) dendritic architectures

Samaresh Ghosh and Ajit K. Banthia*

Materials Science Centre, Indian Institute of Technology, Kharagpur 721302, India



Tetrahedron Letters 43 (2002) 6461

Synthesis and conformation of proline containing tripeptides constrained with phenylalanine-like aziridine and dehydrophenylalanine residues

E. N. Prabhakaran,[a] Jyoti Prokash Nandy,[a] Shalini Shukla,[a] Amit Tewari,[b] Saibal Kumar Das[b] and Javed Iqbal[a,b,*]

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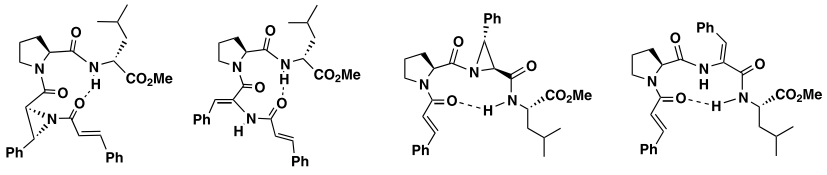

Tetrahedron Letters 43 (2002) 6467

Synthesis of β-methyl-β-alanine-L-proline-XAA tripeptides by $Yb(OTf)_3$ catalysed Michael addition of amines to *N*-crotonyl-L-proline-XAA: a versatile route to cyclic β-methyl-β-alanine-derived tripeptides via ring closing metathesis

Biswajit Saha,[a] Debasis Das,[b] Biswadip Banerji[a] and Javed Iqbal[a,b,*]

[a]*Department of Chemistry, Indian Institute of Technology, Kanpur 208016, India*

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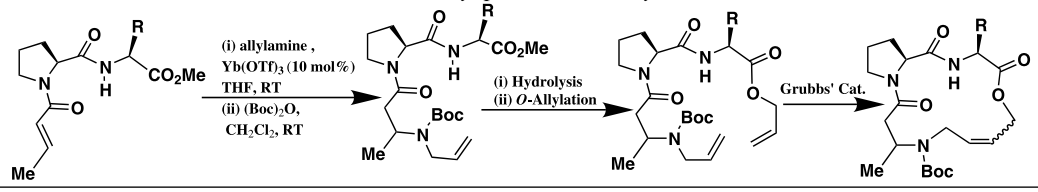

Tetrahedron Letters 43 (2002) 6473

Synthesis of cyclic β-turn mimics from L-Pro-Phe/Phe-L-Pro derived di- and tripeptides via ring closing metathesis: the role of chirality of the Phe residue during cyclization

Biswadip Banerji,[a] Madhushree Bhattacharya,[b] Rajesh B. Madhu,[b] Saibal Kumar Das[b] and Javed Iqbal[a,b,*]

[a]*Department of Chemistry, Indian Institute of Technology, Kanpur 208016, India*

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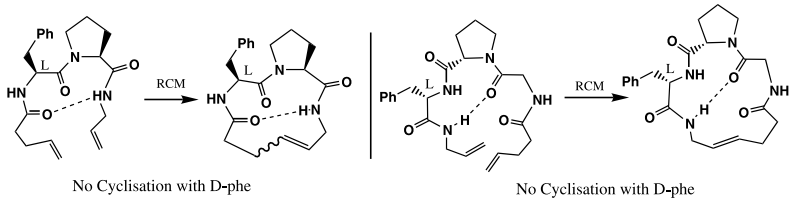

Tetrahedron Letters 43 (2002) 6479

Synthesis of a cyclic pseudo 3_{10} helical structure from a β-amino acid-L-proline derived tripeptide via a ring closing metathesis reaction

Biswadip Banerji,[a] B. Mallesham,[b] S. Kiran Kumar,[c] A. C. Kunwar[c] and Javed Iqbal[a,b,*]

[a]*Department of Chemistry, Indian Institute of Technology, Kanpur 208016, India*

[b]*Dr. Reddy's Research Foundation, Bollaram Road, Miyapur, Hyderabad 500 050, India*

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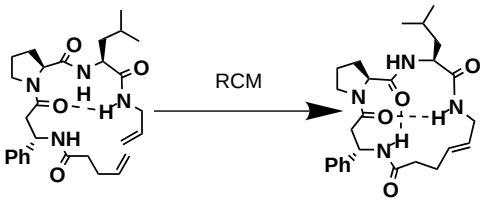

Tetrahedron Letters 43 (2002) 6485

Cu(I)-catalyzed three component coupling protocol for the synthesis of quinoline derivatives

H. Z. Syeda Huma,[a,b] Rajkumar Halder,[b] Swinderjeet Singh Kalra,[a] Jagattaran Das[b] and Javed Iqbal[a,b,*]

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