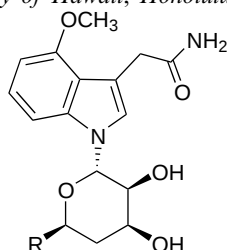
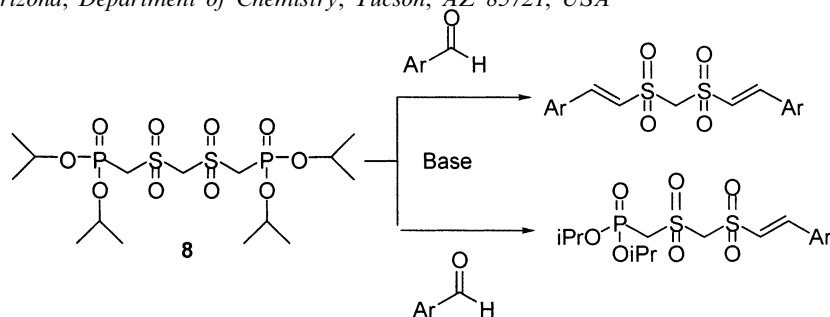


Kahakamides A and B, new neosidomycin metabolites from a marine-derived actinomycete*Tetrahedron Letters 42 (2001) 5133*Robert W. Schumacher,^b Beth L. Harrigan^b and Bradley S. Davidson^{a,*}^aDepartment of Chemistry and Biochemistry, Utah State University, Logan, UT 84322-0300, USA^bDepartment of Chemistry, University of Hawaii, Honolulu, HI 96822, USAkahakamide A; R = CO₂CH₃kahakamide B; R = CONH₂**A novel reagent for the synthesis of geminal di-sulfones***Tetrahedron Letters 42 (2001) 5137*

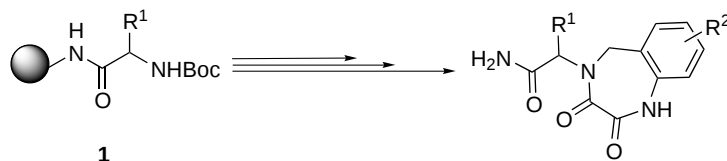
Michael J. Hadd, Mark A. Smith and Jacquelyn Gervay-Hague*

The University of Arizona, Department of Chemistry, Tucson, AZ 85721, USA

**Parallel synthesis of 4,5-dihydro-1H-1,4-benzodiazepine-2,3-diones***Tetrahedron Letters 42 (2001) 5141*

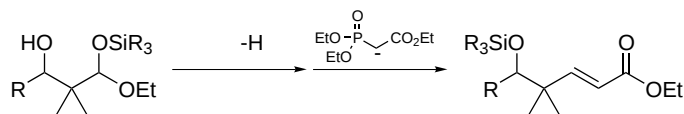
Adel Nefzi, Nhi A. Ong and Richard A. Houghten*

Torrey Pines Institute for Molecular Studies, 3550 General Atomics Court, San Diego, CA 92121, USA

**Investigation of a novel sequential 1,5 O→O silyl migration/Horner–Wadsworth–Emmons reaction***Tetrahedron Letters 42 (2001) 5145*

M. C. Hillier and A. I. Meyers*

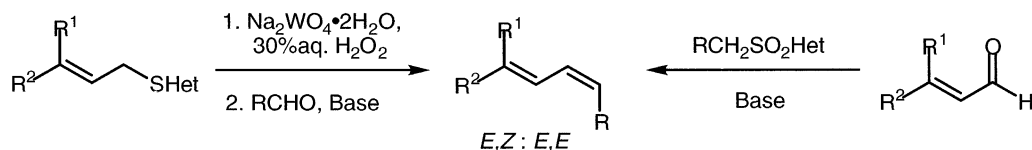
Department of Chemistry, Colorado State University, Fort Collins, CO 80523, USA



An expedient approach to *E,Z*-dienes using the Julia olefination*Tetrahedron Letters* 42 (2001) 5149

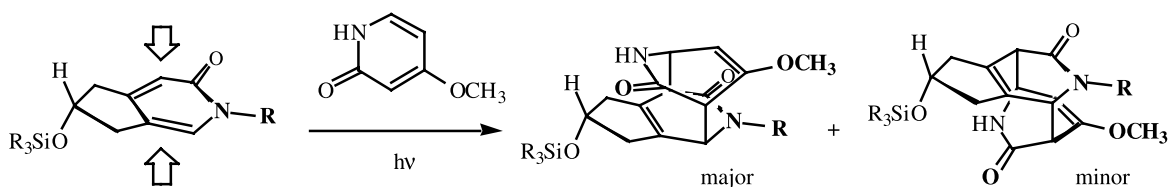
André B. Charette,* Carl Berthelette and David St-Martin

Département de Chimie, Université de Montréal, PO Box 6128, Station Downtown, Montréal, Québec, Canada H3C 3J7

**Diastereoselectivity during 2-pyridone photo-[4+4] cycloaddition. The tribenzylsilyl protecting group***Tetrahedron Letters* 42 (2001) 5155

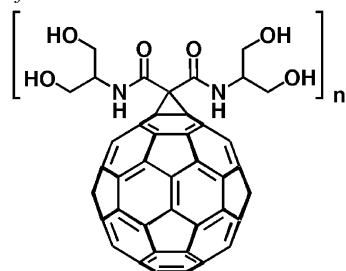
Scott McN. Sieburth,* Christina B. Madsen-Duggan and Fangning Zhang

Department of Chemistry, State University of New York at Stony Brook, Stony Brook, NY 11794-3400, USA

**New non-ionic, highly water-soluble derivatives of C_{60} designed for biological compatibility***Tetrahedron Letters* 42 (2001) 5159

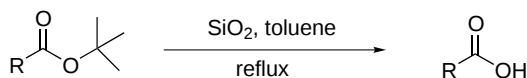
Tim Wharton, Vinay U. Kini, Rachel A. Mortis and Lon J. Wilson*

Department of Chemistry and the Center for Nanoscale Science and Technology, MS-60 Rice University, Houston, TX 77251-1892, USA

**A mild and selective method for the cleavage of *tert*-butyl esters***Tetrahedron Letters* 42 (2001) 5163

Randy W. Jackson*

Department of Chemical Genomics, Celltech R&D, Inc., 1631 220th St. SE, Bothell, WA 98021, USA



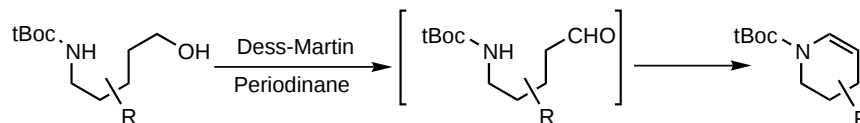
A facile synthesis of cyclic enecarbamates using Dess–Martin periodinane

Tetrahedron Letters 42 (2001) 5167

Chengzhi Yu and Longqin Hu*

Department of Pharmaceutical Chemistry, College of Pharmacy, Rutgers, The State University of New Jersey, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

A simple and efficient synthesis of cyclic enecarbamates from ω -hydroxycarbamates via tandem oxidative cyclization–dehydration was achieved in 84% to quantitative yield using Dess–Martin periodinane in methylene chloride.



Microwave-enhanced solution coupling of the α,α -dialkyl amino acid, Aib

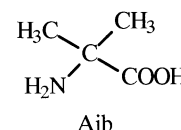
Tetrahedron Letters 42 (2001) 5171

Vincenzo Santagada,^{a,*} Ferdinando Fiorino,^a Elisa Perissutti,^a Beatrice Severino,^a Vincenzo De Filippis,^b Beniamino Vivenzio^a and Giuseppe Caliendo^a

^aDipartimento di Chimica Farmaceutica e Tossicologica, Università di Napoli, Federico II, Via D. Montesano, 49, 80131 Naples, Italy

^bDipartimento di Scienze Farmaceutiche, Università di Padova, Via F. Marzolo 5, 35131 Padua, Italy

The difficult coupling of α -aminoisobutyric acid (Aib) was carried out using PyBOP/HOBt and HBTU/HOBt reagents by application of microwave irradiation. Room temperature (rt), conventional heating (oil bath) and microwave irradiation are compared. Synthesis by microwave irradiation gave the desired compounds in higher yields than those obtained by conventional heating and at rt. Moreover, the overall reaction times for the syntheses were dramatically reduced.



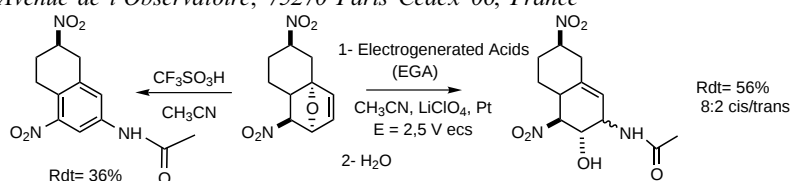
A new and efficient electrochemical ring opening of 7-oxanorbornene systems via a modified Ritter reaction: direct approach to bicyclic valienamine analogues

Tetrahedron Letters 42 (2001) 5175

David Le Goanvic,^a Marie-Christine Lallemand,^a François Tillequin^{a,*} and Thierry Martens^b

^aLaboratoire de Pharmacognosie, UMR 8638, Faculté des Sciences Pharmaceutiques et Biologiques, Université René-Descartes, 4, Avenue de l'Observatoire, 75270 Paris Cedex 06, France

^bLaboratoire de Chimie Thérapeutique, UMR 8638, Faculté des Sciences Pharmaceutiques et Biologiques, Université René-Descartes, 4, Avenue de l'Observatoire, 75270 Paris Cedex 06, France



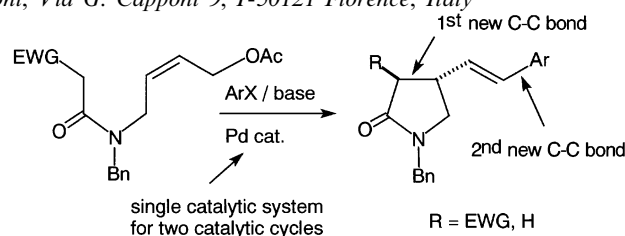
Pd(0)-catalyzed allylic alkylation/Heck coupling in domino sequence

Tetrahedron Letters 42 (2001) 5179

Giovanni Poli,^{a,*} Giuliano Giambastiani^b and Barbara Pacini^b

^aLaboratoire de Chimie des Organoéléments, UMR 7611 CNRS, Université Pierre et Marie Curie, Tour 44-45, 4, Place Jussieu, Boîte 183, F-75252 Paris Cedex 05, France

^bDipartimento di Chimica Organica 'Ugo Schiff' and Centro CNR di Studio per la Chimica e la Struttura dei Composti Eterociclici e loro Applicazioni, Via G. Capponi 9, I-50121 Florence, Italy

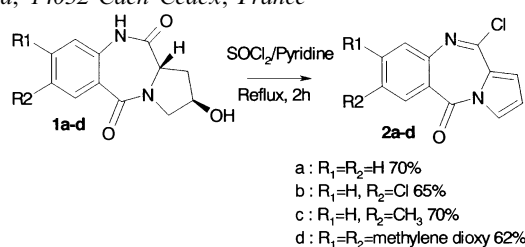


An expedient route to aromatic pyrrolo[2,1-c][1,4]benzodiazepines and a study of their reactivity

Tetrahedron Letters 42 (2001) 5183

Frédéric Fabis, Jana Sopkova-de Oliveira Santos, Sandrine Fouchet-Jolivet and Sylvain Rault*

Centre d'Etudes et de Recherche sur le Médicament de Normandie, UFR des Sciences Pharmaceutiques, Université de Caen, 5 rue Vaubénard, 14032 Caen Cedex, France

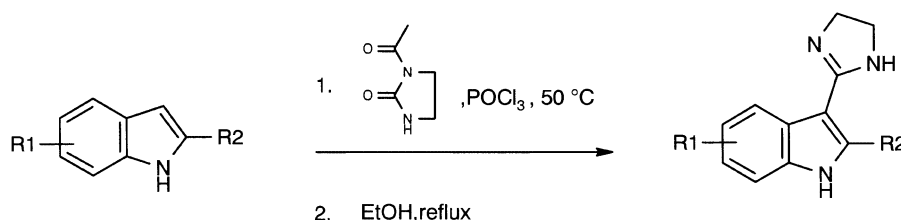


Efficient synthesis of 3-(4,5-dihydro-1H-imidazole-2-yl)-1H-indoles

Tetrahedron Letters 42 (2001) 5187

Ulrike Hary, Ulrike Roettig and Michael Paal*

Lilly Forschung GmbH, a Division of Eli Lilly Research Laboratories, Essener Straße 93, 22419 Hamburg, Germany



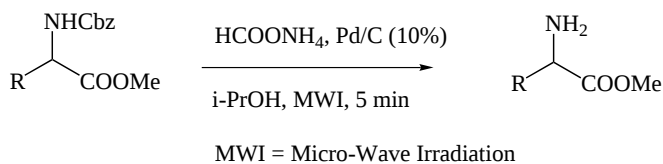
Rapid microwave-assisted deprotection of N-Cbz and N-Bn derivatives

Tetrahedron Letters 42 (2001) 5191

Maria Caterina Daga,^a Maurizio Taddei^{a,*} and Greta Varchi^b

^aDipartimento di Chimica, Università degli Studi di Sassari, Via Vienna 2, 07100 Sassari, Italy

^bDipartimento di Chimica Organica 'A. Mangini' Università di Bologna, Via Risorgimento 4 40136 Bologna, Italy

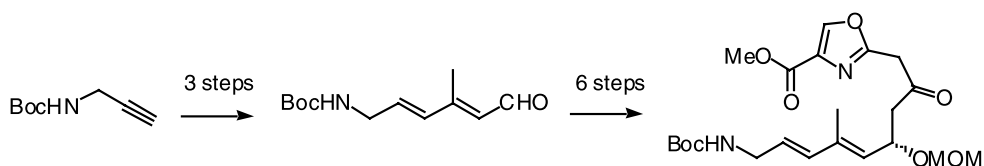


Synthetic studies towards the group A streptogramin antibiotics. Synthesis of the C9–C23 fragment

Tetrahedron Letters 42 (2001) 5195

Chris J. Brennan and Jean-Marc Campagne*

Institut de Chimie des Substances Naturelles, CNRS, F-91198 Gif-sur-Yvette, France



Sol-gel entrapped chromium(VI): a new selective, efficient and recyclable oxidizing system

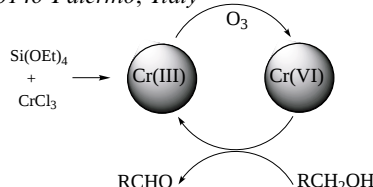
Tetrahedron Letters 42 (2001) 5199

Michelangelo Gruttadauria,^{a,*} Leonarda F. Liotta,^c Renato Noto^a and Giulio Deganello^{b,c}

^aDipartimento di Chimica Organica 'E. Paternò', Viale delle Scienze, Parco d'Orleans II, 90128 Palermo, Italy

^bDipartimento di Chimica Inorganica, Viale delle Scienze, Parco d'Orleans II, 90128 Palermo, Italy

^cICTPN-CNR via Ugo La Malfa, 153, 90146 Palermo, Italy

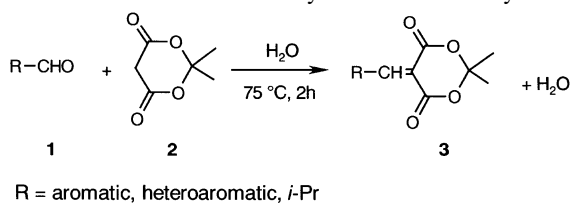


Clean synthesis in water. Part 2: Uncatalysed condensation reaction of Meldrum's acid and aldehydes

Tetrahedron Letters 42 (2001) 5203

Franca Bigi,^{*} Silvia Carloni, Leonetto Ferrari, Raimondo Maggi, Alessandro Mazzacani and Giovanni Sartori
Dipartimento di Chimica Organica e Industriale dell'Università, Parco Area delle Scienze 17/A, I-43100 Parma, Italy

The Knoevenagel condensation of Meldrum's acid and aldehydes is conveniently carried out in water without adding any catalyst.

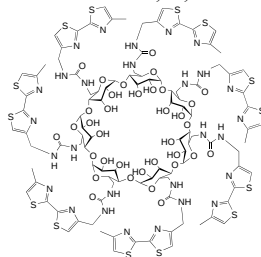


Heptakis-6-(5-methylene-ureido-5'-methyl-2,2'-bithiazolyl)-cyclomaltoheptaose as a new fluorescent polydentate ligand

Tetrahedron Letters 42 (2001) 5207

Michel Wagner, Philippe Engrand, Jean-Bernard Regnouf-de-Vains and Alain Marsura^{*}

GEVSM, UMR 7565 CNRS- UHP, Faculté de Pharmacie, 5, rue Albert Lebrun, F-54001 Nancy Cedex, France



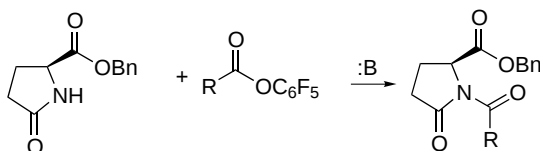
Pyroglutamic acid as a pseudoproline moiety: a facile method for its introduction into polypeptide chains

Tetrahedron Letters 42 (2001) 5211

Claudia Tomasini^{*} and Marzia Villa

Dipartimento di Chimica 'G.Ciamician', Università degli Studi di Bologna, Via F. Selmi 2, 40126 Bologna, Italy

The acylation of benzyl (*S*)-pyroglutamate is reported by reaction with the pentafluorophenyl ester of protected alanine and threonine.

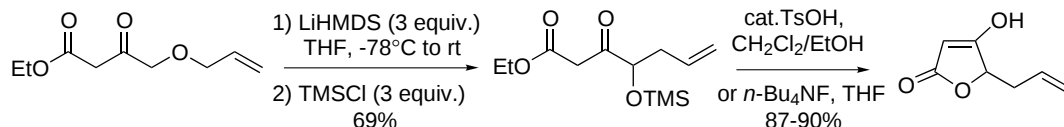


[2,3]-Wittig rearrangement of γ -allyloxy- β -ketoesters. A new access to tetronic acids

Tetrahedron Letters 42 (2001) 5215

Isabelle Pévet, Christophe Meyer* and Janine Cossy

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

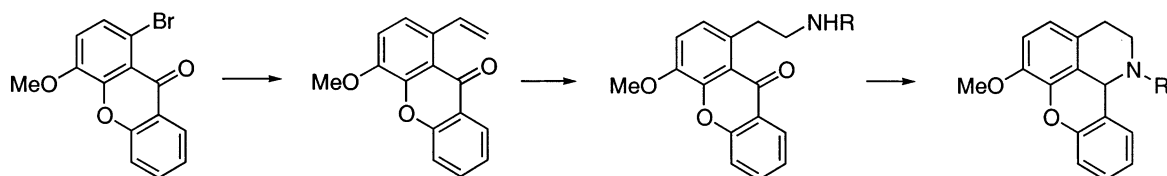


[1]Benzopyrano[2,3,4-*i,j*]isoquinolines: a new, versatile route from 1-bromoxanthones

Tetrahedron Letters 42 (2001) 5219

Alberto García and Domingo Domínguez*

Departamento de Química Orgánica y Unidad Asociada al CSIC, Facultad de Química, Universidad de Santiago de Compostela, 15782 Santiago de Compostela, Spain



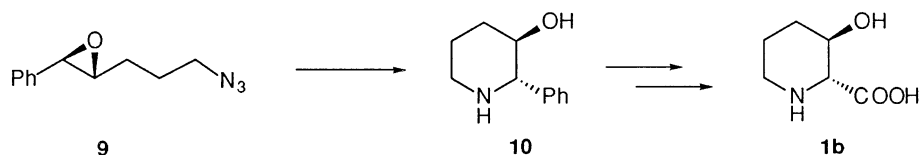
An alternative stereoselective synthesis of *trans*-(2*R*,3*R*)-3-hydroxypipercolic acid

Tetrahedron Letters 42 (2001) 5223

Mansour Haddad* and Marc Larchevêque

Laboratoire de Synthèse Organique associé au CNRS, ENSCP, 11 rue Pierre et Marie Curie, 75005 Paris, France

The azido epoxide **9**, easily obtained from commercial methyl (*R*)-(-)-mandelate, underwent a regioselective intramolecular nucleophilic substitution at the benzylic position to furnish the piperidine derivative **10**. The latter was then transformed into the title compound **1b**.



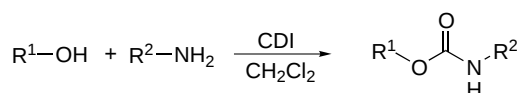
Preparation of carbamates from amines and alcohols under mild conditions

Tetrahedron Letters 42 (2001) 5227

David D'Addona and Christian G. Bochet*

Department of Organic Chemistry, University of Geneva, 30 quai Ernest Ansermet, CH-1211 Geneva 4, Switzerland

The efficient and mild coupling of alcohols and amines with 1,1'-carbonyldiimidazole to form carbamates is described. Yields are consistently higher than 83%, and the simple procedure does not require additional purification.



2-Alkylidene-benzo[1,3]dioxin-4-ones: a new class of compounds

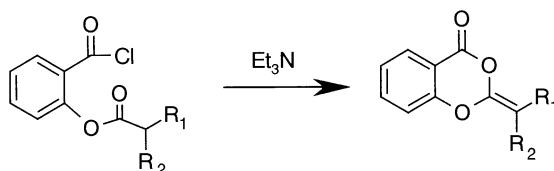
Tetrahedron Letters 42 (2001) 5231

Pierre Babin^a and Bernard Bennetau^{b,*}

^aLaboratoire de Pharmacie Chimique, Université Bordeaux II, Place de la Victoire, 33000 Bordeaux, France

^bLCOO UMR 5802 CNRS, Université Bordeaux I, 351 cours de la Libération, 33405 Talence, France

A new class of compounds, 2-alkylidene-benzo[1,3]dioxin-4-ones, have been synthesised by cyclisation of the corresponding *o*-acyloxy benzoyl chlorides with triethylamine.

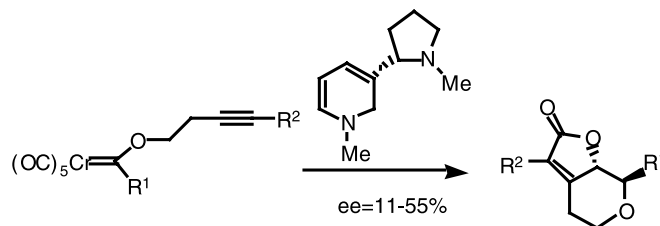


Enantioselective approach to butenolides upon reduction of alkoxycarbene complexes of chromium with chiral dihydropyridines

Tetrahedron Letters 42 (2001) 5235

Henri Rudler,^{*} Andrée Parlier, Victor Certal and Jean-Cedric Frison

Laboratoire de Synthèse Organique et Organométallique, UMR 7611, Université Pierre et Marie Curie, Tour 44-45, 4 place Jussieu Case 181, 75252 Paris Cedex 5, France



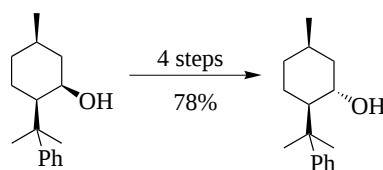
A new, convenient synthesis of the chiral auxiliary (+)-8-phenylsomenthol

Tetrahedron Letters 42 (2001) 5239

Franco Fernández,^a Xerardo García-Mera,^{a,*} José Enrique Rodríguez-Borges^b and José Manuel Blanco^a

^aDepartamento de Química Orgánica, Facultade de Farmacia, Universidade de Santiago de Compostela, E-15782 Santiago de Compostela, Spain

^bDepartamento de Química, Faculdade de Ciências do Porto, Rua do Campo Alegre, 687-4169007 Porto, Portugal



Synthesis, characterization and chemisorption on gold of a β -cyclodextrin-lipoic acid conjugate

Tetrahedron Letters 42 (2001) 5241

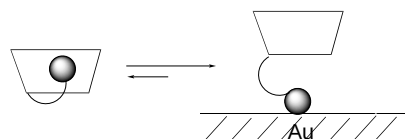
Tommaso Carofiglio,^{a,*} Roberto Fornasier,^{b,*} Laszlo Jicsinszky,^c Umberto Tonellato^b and Chiara Turco^b

^aDipartimento di Chimica Inorganica, Metallorganica ed Analitica, Università di Padova, Via Marzolo 1, 35100 Padova, Italy

^bDipartimento di Chimica Organica, Centro Meccanismi Reazioni Organiche del CNR, Università di Padova, Via Marzolo 1, 35100 Padova, Italy

^cCyclolab R&D Laboratory, Dombóvári út 5-7, H-1117, Hungary

Mono-6-lipoyl-amido-2,3,6-*O*-permethyl- β -cyclodextrin, TM β CDLA, was synthesized in 79% isolated yield by coupling the mono-6-amino-permethyl- β -cyclodextrin with lipoic acid in the presence of 1-(3-dimethylamino)ethyl carbodiimide. The identity of cyclodextrin-lipoic acid conjugate was confirmed by NMR spectroscopy and electrospray mass spectrometry. Chemisorption of TM β CDLA on colloidal gold was shown to occur by colloid flocculation test analysis.



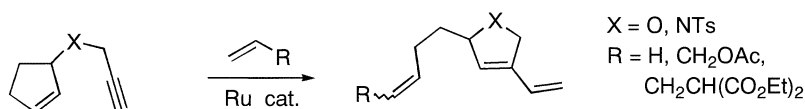
Domino metathesis of alkynyl substituted cycloolefins

Tetrahedron Letters 42 (2001) 5245

Anke Rückert, Dirk Eisele and Siegfried Blechert*

Institut für Chemie, Technische Universität Berlin, Strasse des 17. Juni 135, D-10623 Berlin, Germany

Cycloolefins with *N*- and *O*-propargyl side chains were converted in good yields to dihydrofurans or dihydropyrroles using Grubbs' catalyst in a sequence of ene-yne metathesis, RCM-ROM and CM.

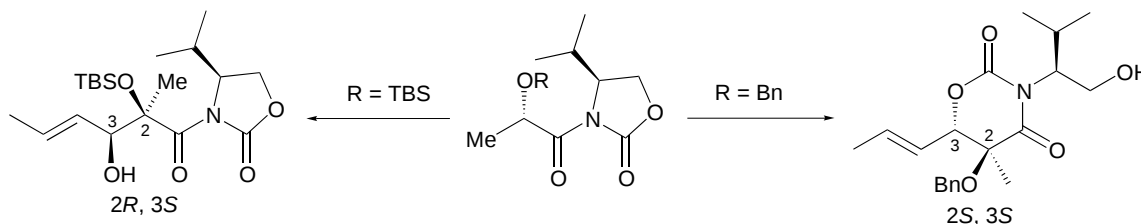


Stereochemical control of tertiary alcohol: aldol condensation of lactate derivatives

Tetrahedron Letters 42 (2001) 5249

Tomoyuki Kamino, Yoshihisa Murata, Nobuyuki Kawai, Seijiro Hosokawa and Susumu Kobayashi*

Faculty of Pharmaceutical Sciences, Science University of Tokyo, Ichigaya-Funagawara-machi, Shinjuku-ku, Tokyo 162-0826, Japan



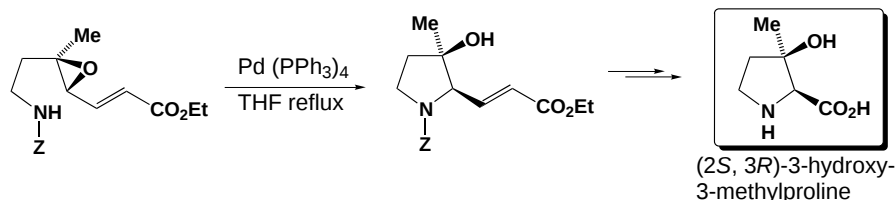
Synthetic study of polyoxypeptin: stereoselective synthesis of (2*S*,3*R*)-3-hydroxy-3-methylproline

Tetrahedron Letters 42 (2001) 5253

Yasuo Noguchi, Hiromi Uchiro, Tatsuhiro Yamada and Susumu Kobayashi*

Faculty of Pharmaceutical Sciences, Science University of Tokyo, Ichigaya-Funagawara-machi, Shinjuku-ku, Tokyo 162-0826, Japan

Stereoselective synthesis of the (2*S*,3*R*)-3-hydroxy-3-methylproline was achieved using Pd-catalyzed cyclization as the key-step.



Stereoselection of sterically unbiased Diels–Alder dienes with spiro conjugation

Tetrahedron Letters 42 (2001) 5257

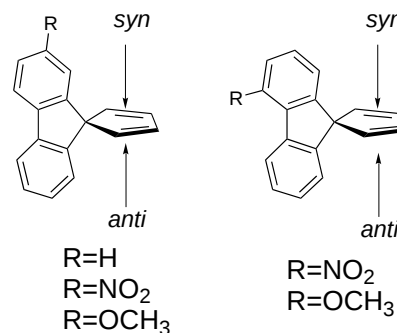
Hiroyuki Igarashi,^b Shigeru Sakamoto,^c Kentaro Yamaguchi^c and Tomohiko Ohwada^{a,*}

^aGraduate School of Pharmaceutical Sciences, The University of Tokyo, Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

^bFaculty of Pharmaceutical Sciences, Nagoya City University, Tanabe-dori, Mizuho-ku, Nagoya, 467-8603, Japan

^cChemical Analysis Center, Chiba University, Yayoi-cho, Inage-ku, Chiba 263-8522, Japan

Anti preference of spiro dienes bearing 2- and 4-nitro and 2-methoxy substituents as Diels–Alder dienes is in striking contrast to facial preference of the related open-chain 5,5-diphenyl-cyclo-1,3-pentadienes.



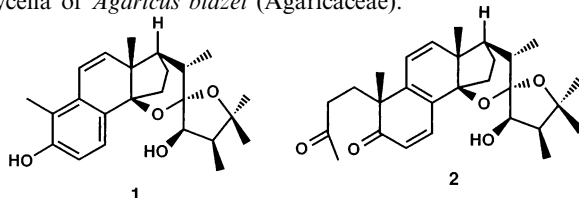
Blazeispirol D and Z, as the actual intermediates of blazeispirol A biosynthesis from the cultured mycelia of the fungus *Agaricus blazei*

Tetrahedron Letters 42 (2001) 5261

Masao Hirotani,* Seiko Hirotani and Takafumi Yoshikawa

School of Pharmaceutical Sciences, Kitasato University, Minato-ku, Tokyo 108-8641, Japan

Two novel blazeispirol derivatives, blazeispirol D(1) and Z(2) as the actual intermediates of blazeispirol A have been isolated from the cultured mycelia of *Agaricus blazei* (Agaricaceae).



Zamamistatin, a significant antibacterial bromotyrosine derivative, from the Okinawan sponge *Pseudoceratina purpurea*

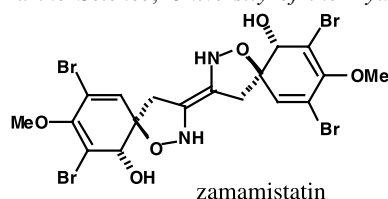
Tetrahedron Letters 42 (2001) 5265

Noboru Takada,^a Reiko Watanabe,^a Kiyotake Suenaga,^b Kaoru Yamada,^a Katsuhiro Ueda,^c Masaki Kita^a and Daisuke Uemura^{a,*}

^a*Department of Chemistry, Graduate School of Science, Nagoya University, Chikusa, Nagoya 464-8602, Japan*

^b*Research Center for Materials Science, Nagoya University, Chikusa, Nagoya 464-8602, Japan*

^c*Department of Chemistry, Biology and Marine Science, University of the Ryukyus, Nishihara-cho, Okinawa 903-0213, Japan*



Artocarpol F, a phenolic compound with a novel skeleton, isolated from *Artocarpus rigida*

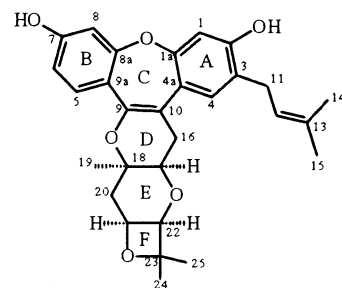
Tetrahedron Letters 42 (2001) 5269

Horng-Huey Ko,^a Sheng-Zehn Yang^b and Chun-Nan Lin^{a,*}

^a*School of Pharmacy, Kaohsiung Medical University, Kaohsiung, Taiwan 807, ROC*

^b*Department of Forest Resource, Management and Technology, National Pingtung University of Science and Technology, Ping Tung Hsien, Taiwan 912, ROC*

A novel phenolic compound containing an oxepine ring was isolated from the root bark of *Artocarpus rigida*, and its relative configuration is described in this paper.



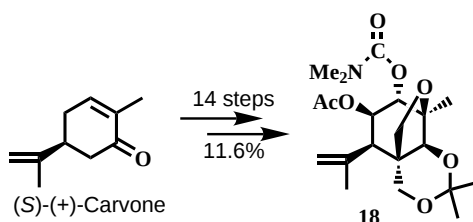
Synthetic studies on quassimarín and simalikalactone D: functionalization of ring C

Tetrahedron Letters 42 (2001) 5271

Qin Jiang and Tony K. M. Shing*

Department of Chemistry, The Chinese University of Hong Kong, Hong Kong, China

The tricycle **18** containing the oxygenated ring C is constructed from (*S*)-carvone in 14 steps involving a Shapiro reaction and a selective acylation as the key steps.

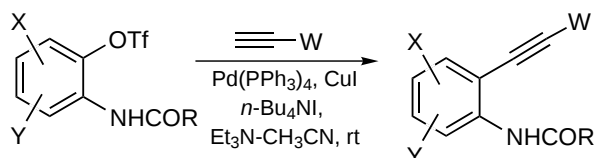


Chemistry of aminophenols. Part 1: Remarkable additive effect on Sonogashira cross-coupling of 2-carboxamidoaryl triflates and application to novel synthesis of indoles

Tetrahedron Letters 42 (2001) 5275

Wei-Min Dai,* Dian-Shun Guo and Li-Ping Sun

Combinatorial Chemistry Laboratory, The Biotechnology Research Institute and Department of Chemistry, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong SAR, China

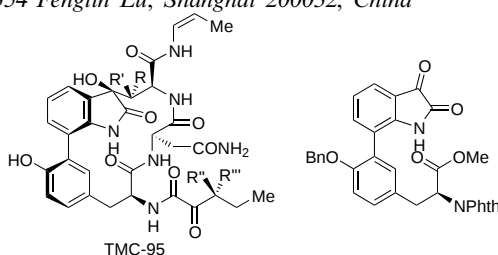


Synthesis of the biaryl moiety of the proteasome inhibitors TMC-95 via a ligandless Pd(OAc)₂-catalyzed Suzuki-coupling reaction

Tetrahedron Letters 42 (2001) 5279

Dawei Ma* and Qingquan Wu

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



Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of *Mycobacterium avium* serovar 17

Tetrahedron Letters 42 (2001) 5283

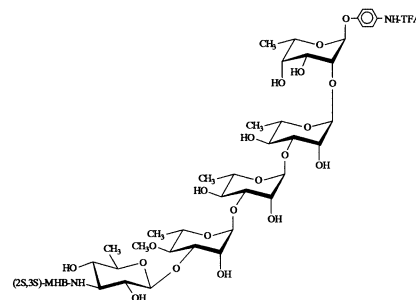
Zsolt Varga,^a István Bajza,^b Gyula Batta^c and András Lipták^{a,b,*}

^a*Department of Biochemistry, University of Debrecen, PO Box 55, Debrecen H-4010, Hungary*

^b*Research Group for Carbohydrates of the Hungarian Academy of Sciences, PO Box 55, Debrecen H-4010, Hungary*

^c*Research Group for Antibiotics of the Hungarian Academy of Sciences, PO Box 70, Debrecen H-4010, Hungary*

The title antigen was synthesized in a *p*-aminophenyl linker-containing form using a 3+2 block synthesis.

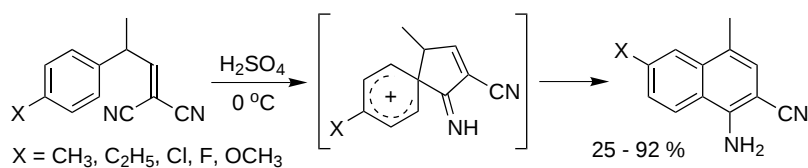


New aromatic rearrangement accompanying ring closure of 2-arylpropylenemalonodinitriles to 1-aminonaphthalene-2-carbonitriles

Tetrahedron Letters 42 (2001) 5287

Janusz J. Sepiol* and Jaroslaw Wilamowski

Department of Organic Chemistry, Jagiellonian University, Ingardena 3, 30-060 Kraków, Poland

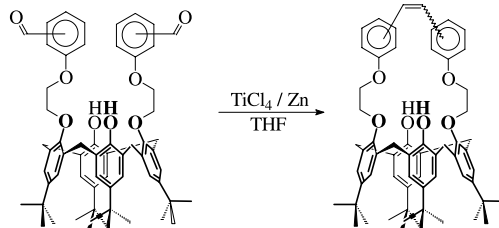


Synthesis of stilbene crown ether *p*-*tert*-butylcalix[4]arenes

Tetrahedron Letters 42 (2001) 5291

Mongkol Sukwattanasinitt,* Rojrit Rojanathanes, Thawatchai Tuntulani, Yongsak Sritana-Anant and Vithaya Ruangpornvisuti

Organic Synthesis Research Unit, Department of Chemistry, Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand



A synthesis of alkyl 4-alkyl-2-hydroxy-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-2-carboxylates

Tetrahedron Letters 42 (2001) 5295

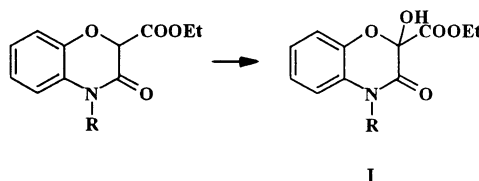
Petra Štefanič,^a Matej Breznik,^a Nina Lah,^b Ivan Leban,^b Janez Plavec^c and Danijel Kikelj^{a,*}

^a*University of Ljubljana, Faculty of Pharmacy, Aškerčeva 7, 1000 Ljubljana, Slovenia*

^b*University of Ljubljana, Faculty of Chemistry and Chemical Technology, Aškerčeva 5, 1000 Ljubljana, Slovenia*

^c*National Institute of Chemistry, Hajdrihova 19, 1000 Ljubljana, Slovenia*

Novel compounds of type **I** were prepared and their structure determined by X-ray and 2D NMR analysis.

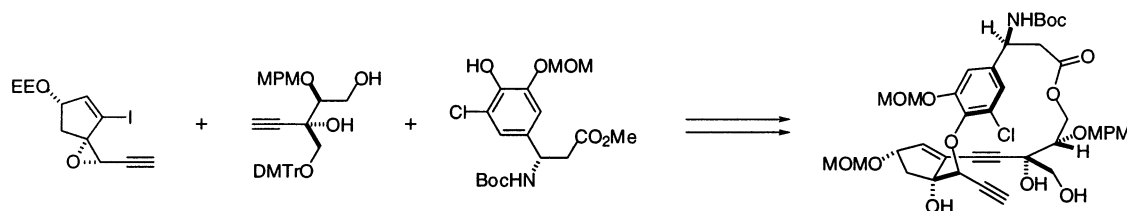


Synthetic studies toward C-1027 chromophore: construction of a highly unsaturated macrocycle

Tetrahedron Letters 42 (2001) 5299

Takeo Sasaki, Masayuki Inoue and Masahiro Hirama*

Department of Chemistry, Graduate School of Science, Tohoku University, and CREST, Japan Science and Technology Corporation (JST), Sendai 980-8578, Japan



Synthesis of β -D-Galp-(1 $\rightarrow$ 4)- α -D-Manp methanephosphonate, a substrate analogue for the elongating α -D-mannosyl phosphate transferase in the *Leishmania*

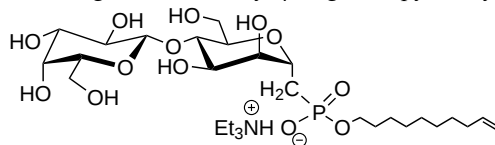
Tetrahedron Letters 42 (2001) 5305

Vladimir S. Borodkin,^a Michael A. J. Ferguson^b and Andrei V. Nikolaev^{a,*}

^a*School of Life Sciences, Division of Biological Chemistry and Molecular Microbiology, Carnelley Building, University of Dundee, Dundee DD1 4HN, UK*

^b*School of Life Sciences, Division of Biological Chemistry and Molecular Microbiology, Wellcome Trust Building, University of Dundee, Dundee DD1 4HN, UK*

An isosteric C-glycoside phosphono analogue of dec-9-enyl β -D-galactopyranosyl-(1 $\rightarrow$ 4)- α -D-mannopyranosyl phosphate was synthesised.

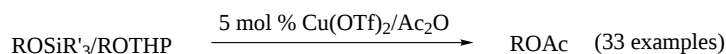


One-step conversion of silyl/THP ethers into the corresponding acetates

Tetrahedron Letters 42 (2001) 5309

Kusum L. Chandra, P. Saravanan and Vinod K. Singh*

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

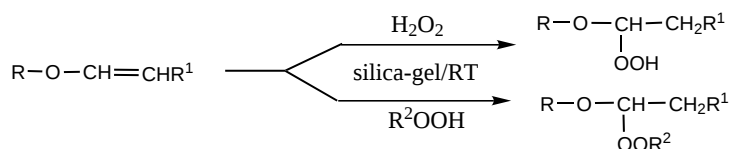


The formation of peroxides from vinyl ethers in the presence of silica-gel

Tetrahedron Letters 42 (2001) 5313

F. Kovač*

University of Ljubljana, Faculty for Chemistry and Chemical Technology, 1000 Ljubljana, Slovenia



Synthesis of new bis-calix[4]arenes with imine linkages.

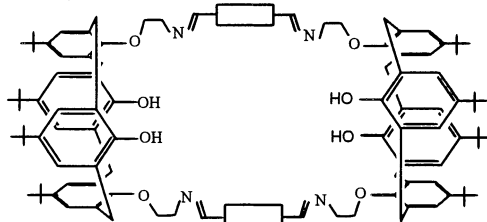
Tetrahedron Letters 42 (2001) 5315

A search for new silver-selective sensors

Manoj Kumar,^{a,*} R. K. Mahajan,^{a,*} Vandana Sharma (née Bhalla),^{b,*} Harminder Singh,^a Neerja Sharma^a and Inderpreet Kaur^a

^aDepartment of Chemistry, Guru Nanak Dev University, Amritsar 143005, India

^bDepartment of Chemistry, BBKDAV College for Women, Amritsar 143005, India

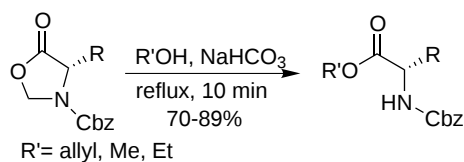


Cleavage of benzyloxycarbonyl-5-oxazolidinones to α -benzyloxycarbonylamino- α -alkyl esters by alcohols and sodium hydrogen carbonate

Tetrahedron Letters 42 (2001) 5319

Pietro Allevi,* Giuliana Cighetti and Mario Anastasia

Dipartimento di Chimica e Biochimica Medica, Università di Milano, via Saldini 50, I-20133 Milan, Italy



Cyclomegistine, the first alkaloid with the new cyclobuta[b]quinoline ring system from *Sarcomelicope megistophylla*

Tetrahedron Letters 42 (2001) 5323

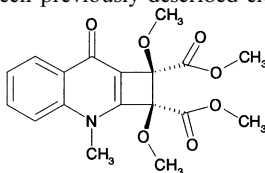
Nikolas Fokialakis,^a Prokopios Magiatis,^a Aris Terzis,^b François Tillequin^c and Alexios-Leandros Skaltsounis^{a,*}

^aLaboratory of Pharmacognosy, Department of Pharmacy, University of Athens, Panepistimiopolis Zografou, 15771 Athens, Greece

^bX-Ray Laboratory, NCSR DEMOKRITOS, 15310 Athens, Greece

^cLaboratoire de Pharmacognosie de l'Université René Descartes, UMR au CNRS No 8638, Faculté de Pharmacie, 4 Avenue de l'Observatoire, F-75006 Paris, France

A new quinolone, cyclomegistine, was isolated from the bark of *Sarcomelicope megistophylla*. This alkaloid possesses the cyclobuta[b]quinoline ring system that has not been previously described either from natural or from synthetic origin.



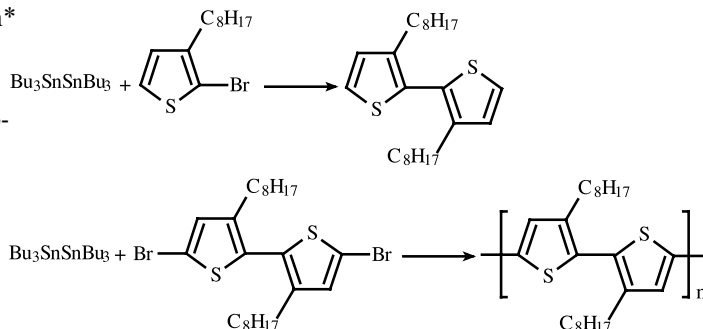
A new approach to the synthesis of substituted bithiophene and polymers containing thiophene

Tetrahedron Letters 42 (2001) 5327

Jingmei Xu, Siu Choon Ng and Hardy S. O. Chan*

Department of Chemistry, National University of Singapore, Singapore 119260, Singapore

Palladium-catalyzed reaction of $\text{Bu}_3\text{SnSnBu}_3$ with bromo-substituted thiophene or bromo-substituted thiophene-containing monomers is found to generate bithiophene or symmetric polymers containing thiophene in very good yields, respectively.



Solid-supported synthetic equivalents of 3-formylchromone and chromone

Tetrahedron Letters 42 (2001) 5331

José I. Borrell,^{a,*} Jordi Teixidó,^a Elisabeth Schuler^a and Enrique Michelotti^b

^aGrup d'Enginyeria Molecular, Institut Químic de Sarrià, Universitat Ramon Llull, Via Augusta, 390, E-08017 Barcelona, Spain

^bRohm and Haas Company, 727 Norristown Road, Spring House, PA 19477-0904, USA

