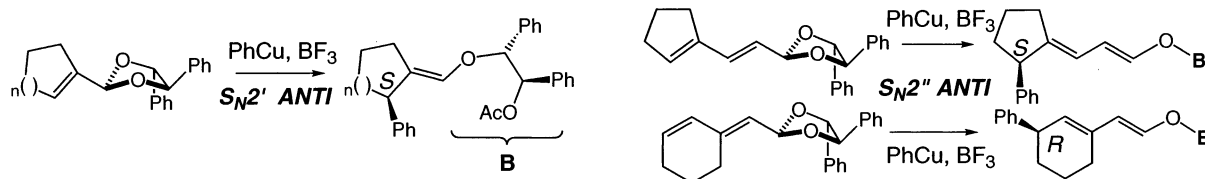
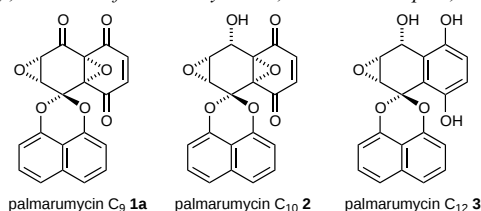
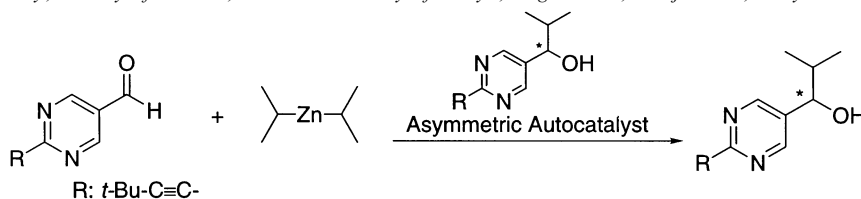
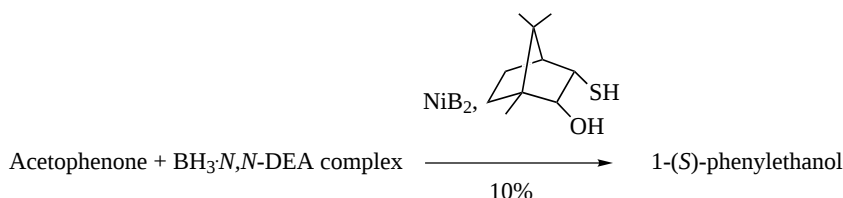


Regio- and diastereoselective S_N2' or S_N2'' reactions on chiral acetals of cyclic aldehydes promoted by PhCu , BF_3 *Tetrahedron: Asymmetry 12 (2001) 1957*

Frédérique Mazé, Martin Purpura, Frédéric Bernaud, Pierre Mangeney* and Alexandre Alexakis

Laboratoire de Chimie des Organo-Éléments associé au CNRS, Université P. et M. Curie, 4, Place Jussieu, F-75252 Paris Cedex 05, France**The absolute configuration of the palmarumycins C_9 , C_{10} , and C_{12} by quantum-mechanical calculations of CD spectra***Tetrahedron: Asymmetry 12 (2001) 1961*Karsten Krohn,^{a,*} Klaus Steingröver^a and Ferenc Zsila^b^aFachbereich Chemie und Chemietechnik, Universität Paderborn, Warburger Straße 100, D-33098 Paderborn, Germany^bDepartment of Molecular Pharmacology, Institute of Chemistry CRC, H-1525 Budapest, PO Box 17, Hungary**Evidence of asymmetric autocatalysis in the enantioselective addition of diisopropylzinc to pyrimidine-5-carbaldehyde using chiral pyrimidyl alkanol***Tetrahedron: Asymmetry 12 (2001) 1965*Itaru Sato,^a Daisuke Omiya,^a Koichi Tsukiyama,^{b,*} Yoshihiro Ogi^b and Kenso Soai^{a,*}^aDepartment of Applied Chemistry, Faculty of Science, Science University of Tokyo, Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan^bDepartment of Chemistry, Faculty of Science, Science University of Tokyo, Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan**Reaction of a chiral oxygen–sulfur paired bidentate ligand with nickel and iron boride: asymmetric borane reduction of ketones***Tetrahedron: Asymmetry 12 (2001) 1971*

K. Molvinger and J. Court*

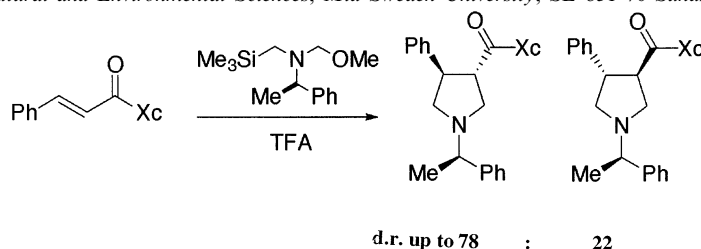
LEDSS, CNRS (UMR 5616) et Université J. Fourier, BP53, 38041 Grenoble, France

Diastereoselective addition of chiral azomethine ylides to cinnamoyl moieties, attached to chiral auxiliaries

Tetrahedron: Asymmetry 12 (2001) 1975

Staffan Karlsson* and Hans-Erik Högborg*

Chemistry, Department of Natural and Environmental Sciences, Mid Sweden University, SE-851 70 Sundsvall, Sweden

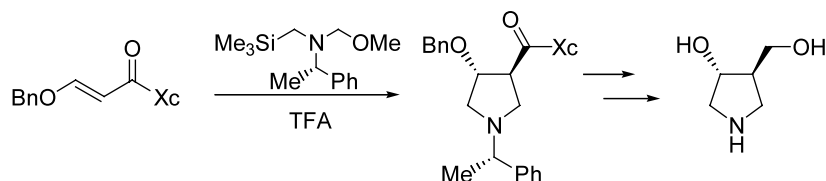


Synthesis of enantiomerically pure 4-substituted pyrrolidin-3-ols via asymmetric 1,3-dipolar cycloaddition

Tetrahedron: Asymmetry 12 (2001) 1977

Staffan Karlsson* and Hans-Erik Högborg*

Chemistry, Department of Natural and Environmental Sciences, Mid Sweden University, SE-851 70 Sundsvall, Sweden



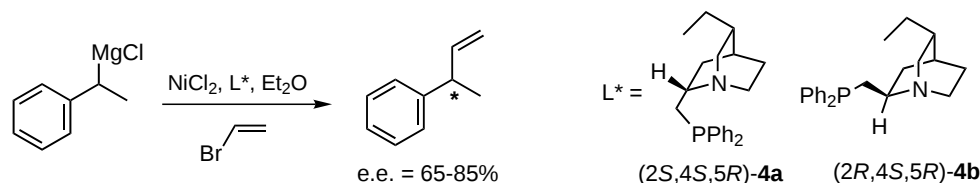
Grignard cross-coupling catalyzed by chiral phosphino-quincorine and phosphino-quincondine derivatives

Tetrahedron: Asymmetry 12 (2001) 1983

Stéphane Pellet-Rostaing,^a Christine Saluzzo,^a Rob Ter Halle,^a Jérémy Breuzard,^a Laurent Vial,^a Frédéric Le Guyader^b and Marc Lemaire^{a,*}

^aLaboratoire de Catalyse et Synthèse Organique, UMR 5622, UCBL, CPE, 43 bd du 11 novembre 1918, 69622 Villeurbanne Cedex, France

^bRhodia, CR de Lyon, 85 av des Frères Perret, 69192 Saint Fons Cedex, France



Enantiomeric resolution and determination of the absolute configuration of dibenzophosphole 5-oxides

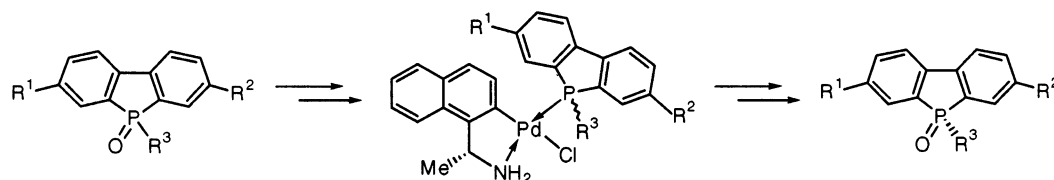
Tetrahedron: Asymmetry 12 (2001) 1987

Ernesto Durán,^a Esther Gordo,^a Jaume Granell,^b Mercè Font-Bardía,^c Xavier Solans,^c Dolores Velasco^a and Francisco López-Calahorra^{a,*}

^aDepartament de Química Orgànica, Universitat de Barcelona, Martí i Franquès, 1-11, E-08028 Barcelona, Spain

^bDepartament de Química Inorgànica, Universitat de Barcelona, Diagonal 647, E-08028 Barcelona, Spain

^cDepartament de Cristal·lografia i Dipòsits Minerals, Universitat de Barcelona, Martí i Franquès s/n, E-08028 Barcelona, Spain



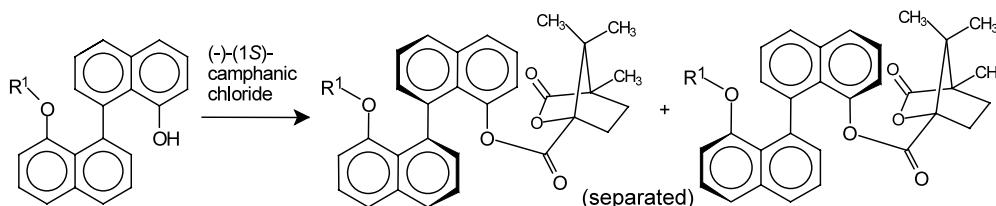
Resolution of 8'-alkoxy- and hydroxy-1,1'-binaphthalen-8-ols

Tetrahedron: Asymmetry 12 (2001) 1999

Duy H. Hua,^{a,*} Trieu X. C. Nguyen,^a James W. McGill,^a Yi Chen^a and Paul D. Robinson^b

^aDepartment of Chemistry, Kansas State University, Manhattan, KS 66506, USA

^bDepartment of Geology, Southern Illinois University at Carbondale, Carbondale, IL 62901, USA

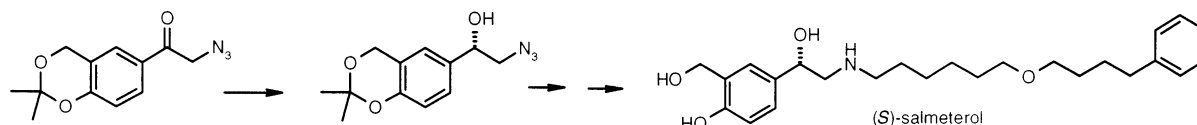


Enantioselective synthesis of (S)-salmeterol via asymmetric reduction of azidoketone by *Pichia angusta*

Tetrahedron: Asymmetry 12 (2001) 2005

Panayiotis A. Procopiu,* Gillian E. Morton, Martin Todd and Graham Webb

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

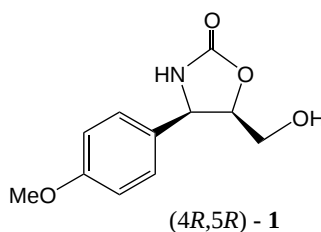


Stereoselective synthesis of (–)-cytoxazone

Tetrahedron: Asymmetry 12 (2001) 2009

A. Madhan, A. Ravi Kumar and B. Venkateswara Rao*

Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad 500 007, India



Microbiologically-assisted hemisynthesis of 1 α -hydroxydrimenol

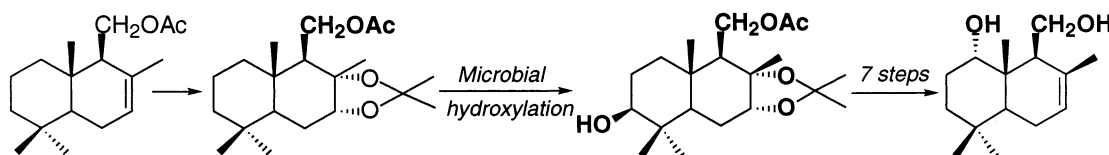
Tetrahedron: Asymmetry 12 (2001) 2013

Gérard Aranda,^a Manuel Cortés,^b Michèle Maurs^c and Robert Azerad^{c,*}

^aLaboratoire de Synthèse Organique, UMR 7652, Ecole Polytechnique, 91128 Palaiseau Cedex, France

^bPontificia Universidad Católica de Chile, Facultad de Química, Casilla 306, Correo 22-Santiago, Chile

^cLaboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, UMR 8601, Université René Descartes-Paris V, 75006 Paris, France

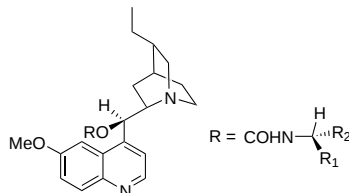


Versatile chiral auxiliaries for NMR spectroscopy based on carbamoyl derivatives of dihydroquinine

Tetrahedron: Asymmetry 12 (2001) 2019

Gloria Uccello-Barretta, Silvia Bardonì, Federica Balzano and Piero Salvadori*

Centro di Studio del CNR per le Macromolecole Stereordinate ed Otticamente Attive, Dipartimento di Chimica e Chimica Industriale, via Risorgimento 35, 56126 Pisa, Italy



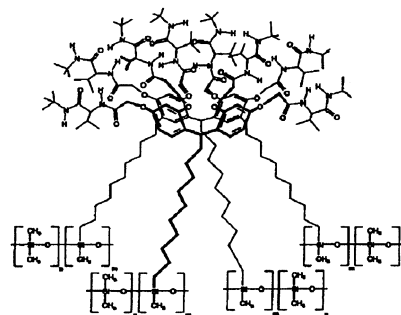
Synthesis of an enantiomerically pure resorcinarene with pendant L-valine residues and its attachment to a polysiloxane (Chirasil-Calix)

Tetrahedron: Asymmetry 12 (2001) 2025

Alexander Ruderisch,^a Jens Pfeiffer^b and Volker Schurig^{a,*}

^a*Institute of Organic Chemistry, Auf der Morgenstelle 18, D-72076 Tübingen, Germany*

^b*Macherey-Nagel GmbH&Co. KG, Neumann-Neander-Straße 6-8, D-52355 Düren, Germany*



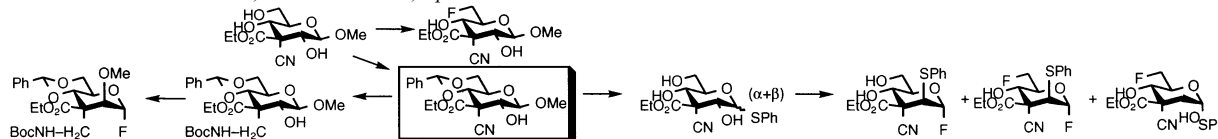
Towards cyclic, conformationally constrained, fluorine-containing β-amino acid derivatives from D-glucose

Tetrahedron: Asymmetry 12 (2001) 2031

Yolanda Vera-Ayoso,^a Pastora Borrachero,^a Francisca Cabrera-Escribano,^{a,*} M^a Jesús Diáñez,^b M^a Dolores Estrada,^b Manuel Gómez-Guillén,^a Amparo López-Castro^b and Simeón Pérez-Garrido^b

^a*Departamento de Química Orgánica 'Profesor García González', Facultad de Química, Universidad de Sevilla, Apartado de Correos No. 553, E-41071 Sevilla, Spain*

^b*Instituto de Ciencias de Materiales de Sevilla and Departamento de Física de la Materia Condensada, CSIC, Universidad de Sevilla, Apartado de Correos No. 1065, E-41080 Sevilla, Spain*

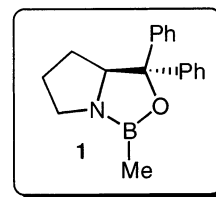
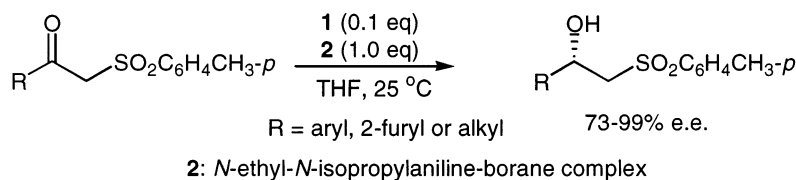


Efficient synthesis of optically active β-hydroxy p-tolylsulfones with very high enantiomeric excess via CBS-oxazaborolidine-catalyzed borane reduction

Tetrahedron: Asymmetry 12 (2001) 2043

Byung Tae Cho* and Dong Jun Kim

Department of Chemistry, Hallym University, Chunchon 200-702, Republic of Korea

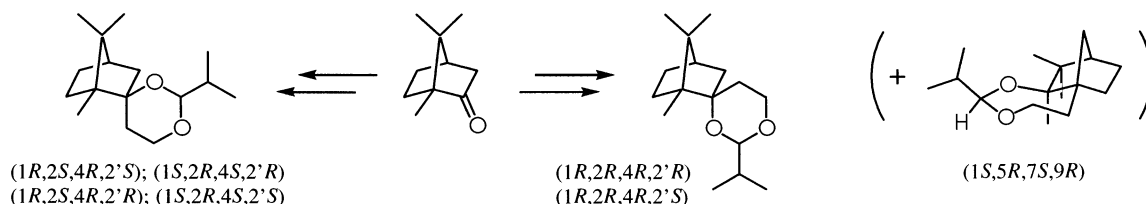


Camphor-derived amber/woody odorants: 1,7,7-trimethyl-2'-*iso*-propylspiro[bicyclo[2.2.1]heptane-2,4'-(1,3-dioxanes)]

Tetrahedron: Asymmetry 12 (2001) 2049

Jerzy A. Bajgrowicz* and Iris Frank

Givaudan Dübendorf AG, Fragrance Research, Überlandstrasse 138, CH-8600 Dübendorf, Switzerland



Use of enantio-, chemo- and regioselectivity of acylase I. Resolution of polycarboxylic acid esters

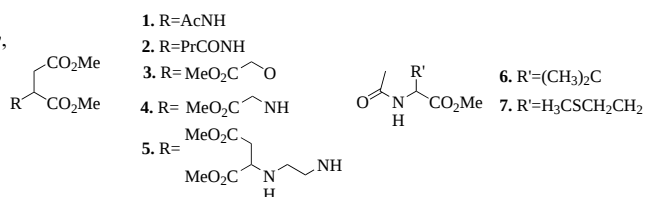
Tetrahedron: Asymmetry 12 (2001) 2059

Arto Liljelblad,^a Reijo Aksela^b and Liisa T. Kanerva^{a,*}

^aLaboratory of Synthetic Drug Chemistry and Department of Chemistry, University of Turku, Lemminkäisenkatu 2, FIN-20520 Turku, Finland

^bKemira Oyj, Espoo Research Centre, PO Box 44, FIN-02271 Espoo, Finland

The enantioselective butanolysis of succinate and aspartate derivatives **1–5** connected to enzymatic regioselectivity as well as the enantioselective hydrolysis and butanolysis of *N*-acetylvaline **6** and *N*-acetylmethionine **7** connected to enzymatic chemoselectivity were studied.

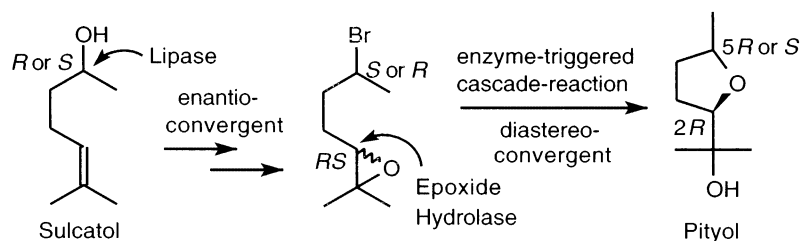


Enantio- and diastereo-convergent synthesis of (2*R*,5*R*)- and (2*R*,5*S*)-Pityol through enzyme-triggered ring closure

Tetrahedron: Asymmetry 12 (2001) 2067

Andreas Steinreiber, Klaus Edegger, Sandra F. Mayer and Kurt Faber*

Department of Chemistry, Organic and Bio-organic Chemistry, University of Graz, Heinrichstraße 28, A-8010 Graz, Austria

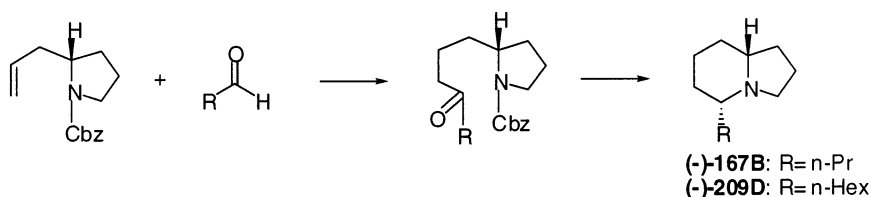


Expedient syntheses of indolizidines (–)-167B and (–)-209D

Tetrahedron: Asymmetry 12 (2001) 2073

Guncheol Kim* and Eun-ju Lee

Department of Chemistry, College of Natural Science, Chungnam National University, Taejeon 305-764, South Korea



Synthesis of enantiomerically enriched amines by chiral ligand mediated addition of organolithium reagents to imines

Tetrahedron: Asymmetry 12 (2001) 2077

Sonia Arrasate, Esther Lete* and Nuria Sotomayor

Departamento de Química Orgánica II, Facultad de Ciencias, Universidad del País Vasco, Apdo. 644, 48080 Bilbao, Spain

