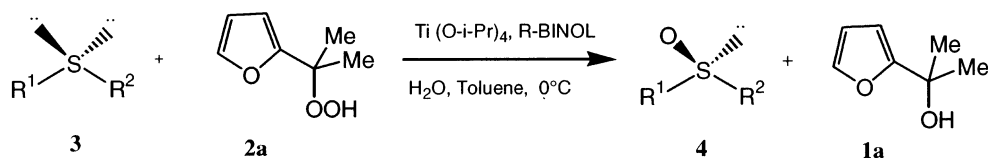
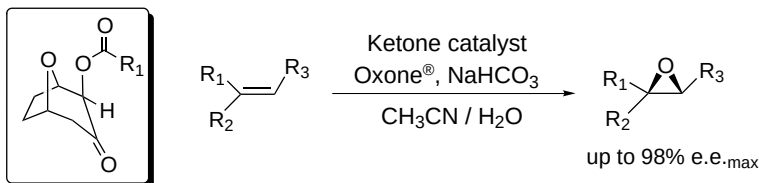
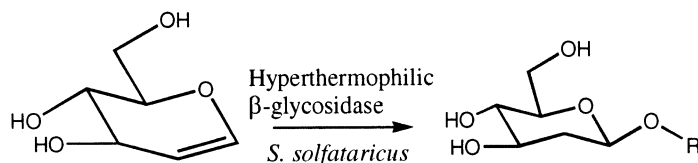
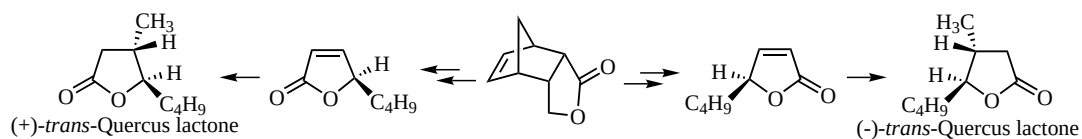


Catalytic enantioselective oxidation of sulfides to sulfoxides with a renewable hydroperoxide*Tetrahedron: Asymmetry 12 (2001) 2775*

Antonio Massa, Alessandra Lattanzi, Francesca R. Siniscalchi and Arrigo Scettri*

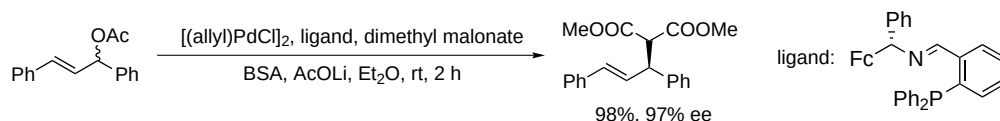
Dipartimento di Chimica, Università di Salerno, 84081 Baronissi, Salerno, Italy**Asymmetric epoxidation catalyzed by esters of α -hydroxy-8-oxabicyclo[3.2.1]octan-3-one***Tetrahedron: Asymmetry 12 (2001) 2779*Alan Armstrong,^{a,*} William O. Moss^b and Jonathan R. Reeves^a^a*Department of Chemistry, Imperial College, London SW7 2AY, UK*^b*AstraZeneca R&D Charnwood, Loughborough, Leicestershire, UK*Several esters of α -hydroxy-8-oxabicyclo[3.2.1]octan-3-one were prepared and tested as catalysts for alkene epoxidation by Oxone[®].**Enzymatic synthesis of 2-deoxy- β -glucosides and stereochemistry of β -glycosidase from *Sulfolobus solfataricus* on glucal***Tetrahedron: Asymmetry 12 (2001) 2783*Antonio Trincone,^{a,*} Edoardo Pagnotta,^a Mosè Rossi,^{b,c} Marialuisa Mazzone^c and Marco Moracci^c^a*Istituto per la Chimica di Molecole di Interesse Biologico CNR, Via Campi Flegrei, ex-Comprensorio Olivetti Arco Felice, Naples, Italy*^b*Dipartimento di Chimica Organica e Biologica, Università di Napoli Federico II, Via Mezzocannone 16, I-80134 Naples, Italy*^c*Institute of Protein Biochemistry and Enzymology CNR, Via Marconi 10, I-80125 Naples, Italy***Concise enantiodivergent synthesis of (+)- and (-)-*trans*-quercus lactones***Tetrahedron: Asymmetry 12 (2001) 2789*

Katsufumi Suzuki, Muneo Shoji, Eriko Kobayashi and Kohei Inomata*

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

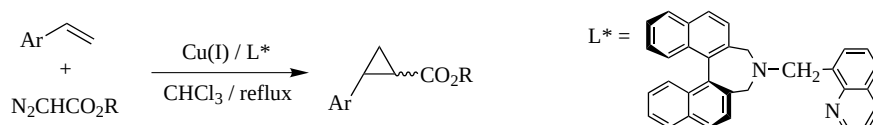
Tetrahedron: Asymmetry 12 (2001) 2793

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



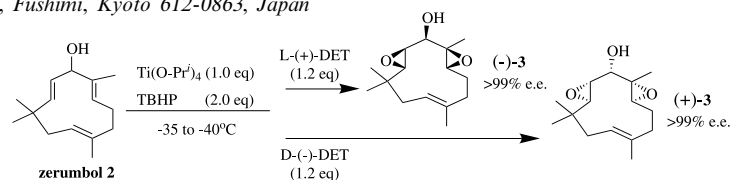
Tetrahedron: Asymmetry 12 (2001) 2801

State Key Laboratory and Institute of Elemento-organic Chemistry, Nankai University, Tianjin 300071, PR China



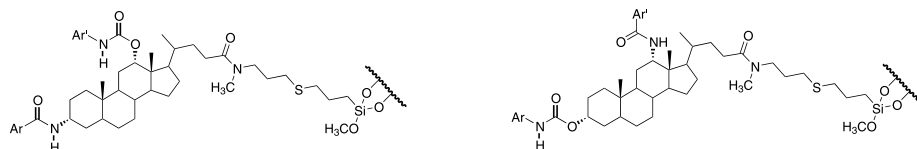
Tetrahedron: Asymmetry 12 (2001) 2805

^dKyoto University of Education, Fushimi, Kyoto 612-0863, Japan



Tetrahedron: Asymmetry 12 (2001) 2811

^bLaboratoire d'Analyse Chimique par Reconnaissance Moléculaire, ENSCPB 16, Avenue Pey-Berland, 33607 Pessac, France

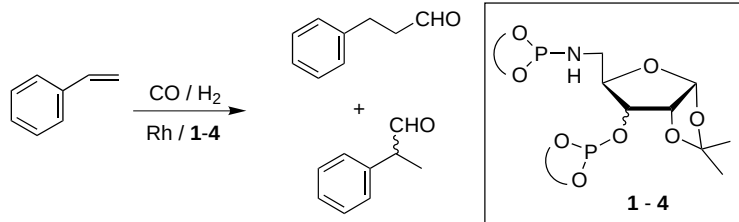


Chiral furanoside phosphite–phosphoroamidites: new ligands for asymmetric catalytic hydroformylation

Tetrahedron: Asymmetry 12 (2001) 2827

Montserrat Diéguez,* Aurora Ruiz and Carmen Claver

Departament de Química Física i Inorgànica, Universitat Rovira i Virgili, Pl. Imperial Tàrraco 1, 43005 Tarragona, Spain



Stereoselective synthesis of kurzilactone and determination of its absolute configuration

Tetrahedron: Asymmetry 12 (2001) 2835

Biao Jiang* and Zili Chen

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



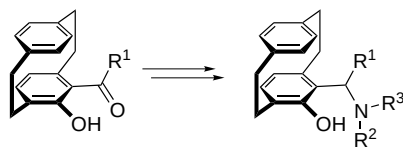
Preparation of planar chiral amino phenols based on the [2.2]paracyclophane backbone

Tetrahedron: Asymmetry 12 (2001) 2845

Stefan Dahmen^a and Stefan Bräse^{b,*}

^a*Institut für Organische Chemie der Rheinisch-Westfälischen Technischen Hochschule Aachen, Professor-Pirlet-Straße 1, D-52074 Aachen, Germany*

^b*Kekulé-Institut für Organische Chemie und Biochemie der Rheinischen Friedrich-Wilhelms-Universität Bonn, Gerhard-Domagk-Straße 1, D-53121 Bonn, Germany*



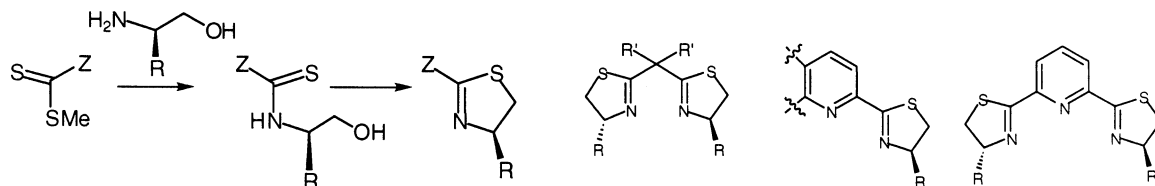
Synthesis of new chiral thiazoline-containing ligands

Tetrahedron: Asymmetry 12 (2001) 2851

Isabelle Abrunhosa, Mihaela Gulea, Jocelyne Levillain and Serge Masson*

Laboratoire de Chimie Moléculaire et Thioorganique (UMR CNRS 6507), ISMRA-Université de Caen, 6 Bd. Maréchal Juin, F-14050 Caen, France

New chiral ligands, including bi- and tridentate thiazoline derivatives, analogues of known corresponding oxazolines, were synthesized by a general and convenient procedure, starting from dithioesters and commercial enantiopure 2-aminoalcohols.

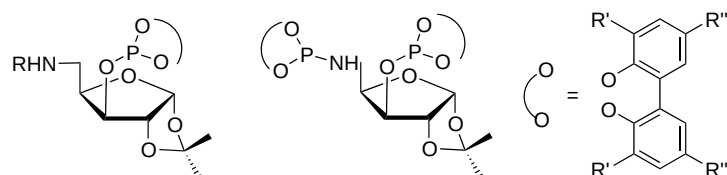


New chiral amino-phosphite and phosphite-phosphoroamidite ligands for the copper-catalyzed asymmetric 1,4-addition of diethylzinc to cyclohexenone

Tetrahedron: Asymmetry 12 (2001) 2861

Montserrat Diéguez,^{*} Aurora Ruiz and Carmen Claver

Departament de Química Física i Inorgànica, Universitat Rovira i Virgili, Pl. Imperial Tàrraco 1, 43005 Tarragona, Spain



One-pot synthesis of a novel C₁-symmetric diphosphine from 1,3-cyclic sulfate. Asymmetric hydroformylation of styrene

Tetrahedron: Asymmetry 12 (2001) 2867

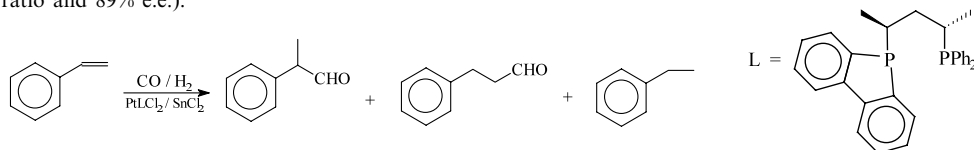
Csaba Hegedüs,^b József Madarász,^a Henrik Gulyás,^b Áron Szöllősy^c and József Bakos^{a,*}

^a*Department of Organic Chemistry, University of Veszprém, H-8201 Veszprém, PO Box 158, Hungary*

^b*Research Group for Petrochemistry, Hungarian Academy of Science, H-8201 Veszprém, PO Box 158, Hungary*

^c*Department of General and Analytical Chemistry, Technical University of Budapest, H-1521 Budapest, Hungary*

In the platinum-catalyzed asymmetric hydroformylation of styrene, outstanding levels of regio- and enantiocontrol were obtained (89/11 *iso/n* isomeric ratio and 89% e.e.).



Novel optically active pyrazole ligands derived from (+)-3-carene

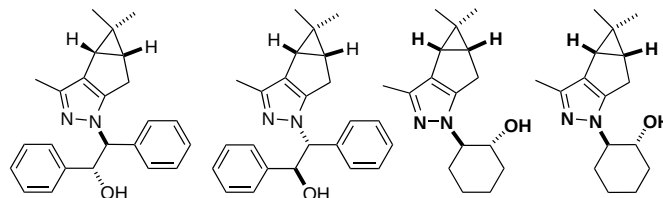
Tetrahedron: Asymmetry 12 (2001) 2875

Sergey A. Popov,^a Yuri V. Gatilov,^a Tatjana V. Rybalova,^a
Oxana A. Kholdeeva^b and Alexey V. Tkachev^{c,*}

^a*N.N. Vorozhtsov Novosibirsk Institute of Organic Chemistry, Acad. Lavrentjev Ave. 9, Novosibirsk 630090, Russia*

^b*G.K. Boreskov Institute of Catalysis, Acad. Lavrentjev Ave. 5, Novosibirsk 630090, Russia*

^c*Novosibirsk State University, Pirogov St. 2, Novosibirsk 630090, Russia*

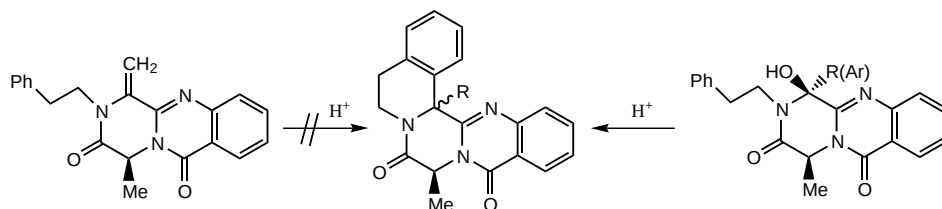


Cyclisation of (4*S*)-4-methyl-2-phenethyl-2,4-dihydro-(1*H*)-pyrazino[2,1-*b*]quinazoline-3,6-dione derivatives via *N*-acyliminium ions

Tetrahedron: Asymmetry 12 (2001) 2883

María Luisa Heredia, Elena de la Cuesta and Carmen Avendaño^{*}

Departamento de Química Orgánica y Farmacéutica, Facultad de Farmacia, Universidad Complutense, 28040 Madrid, Spain



Synthesis and configuration of the cyclin-dependent kinase inhibitor roscovitine and its enantiomer

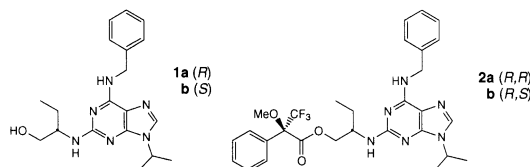
Tetrahedron: Asymmetry 12 (2001) 2891

Shudong Wang,^a Steven J. McClue,^a John R. Ferguson,^b Jonathan D. Hull,^b Steven Stokes,^b Simon Parsons,^c Robert Westwood^a and Peter M. Fischer^{a,*}

^aCyclacel Limited, James Lindsay Place, Dundee DD1 5JJ, Scotland, UK

^bUFC Limited, Synergy House, Guildhall Close, Manchester Science Park, Manchester M15 6SY, England, UK

^cThe University of Edinburgh, Department of Chemistry, Joseph Black Chemistry Building, The King's Buildings, West Mains Road, Edinburgh EH9 3JJ, Scotland, UK

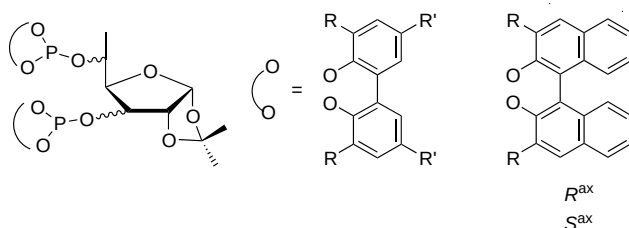


Chiral diphosphites derived from D-glucose in the copper-catalyzed conjugate addition of diethylzinc to cyclohexenone

Tetrahedron: Asymmetry 12 (2001) 2895

Montserrat Diéguez,^{*} Aurora Ruiz and Carmen Claver

Departament de Química Física i Inorgànica, Universitat Rovirai Virgili, Pl. Imperial Tàrraco 1, 43005 Tarragona, Spain



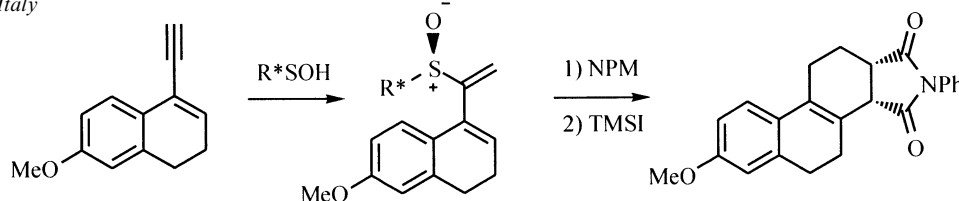
Enantiopure 2-sulfinylbuta-1,3-dienes in Diels–Alder cycloadditions: a stereoselective approach to an azasteroidal skeleton

Tetrahedron: Asymmetry 12 (2001) 2901

M. C. Aversa,^{a,*} A. Barattucci,^{a,*} P. Bonaccorsi,^a G. Bruno,^b F. Caruso^a and P. Giannetto^a

^aDipartimento di Chimica organica e biologica, Università degli Studi di Messina, Salita Sperone 31 (vill. S. Agata), 98166 Messina, Italy

^bDipartimento di Chimica inorganica, chimica analitica e chimica fisica, Università degli Studi di Messina, Salita Sperone 31 (vill. S. Agata), 98166 Messina, Italy



On the regioselectivity of the Friedländer reaction leading to huprines: stereospecific acid-promoted isomerization of *syn*-huprines to their *anti*-regioisomers

Tetrahedron: Asymmetry 12 (2001) 2909

Pelayo Camps,^{a,*} Elena Gómez,^a Diego Muñoz-Torrero^a and Manuel Arnó^b

^aLaboratori de Química Farmacèutica, Facultat de Farmàcia, Universitat de Barcelona, Av. Diagonal 643, E-08028 Barcelona, Spain

^bDepartament de Química Orgànica, Facultat de Química, Universitat de València, Doctor Moliner 50, E-46100-Burjassot, València, Spain

The stereospecific acid-catalysed isomerization of *syn*-huprine (–)-**7b** to their *anti*-regioisomer (–)-**3b**, under acidic conditions similar to those used in the regioselective synthesis of huprines (Friedländer reaction), suggests thermodynamic control for the last reaction.

