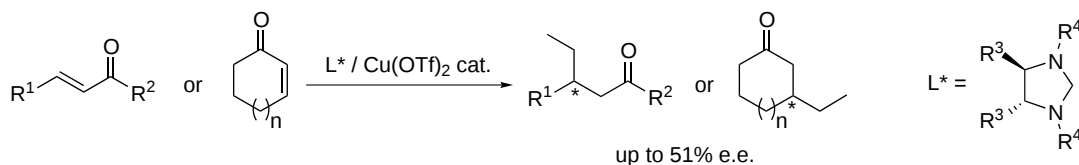
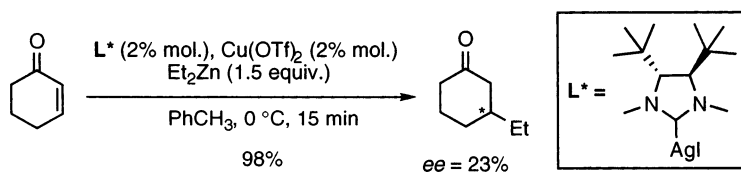


Enantioselective copper-catalyzed conjugate addition using chiral diaminocarbene ligands*Tetrahedron: Asymmetry 12 (2001) 2083*

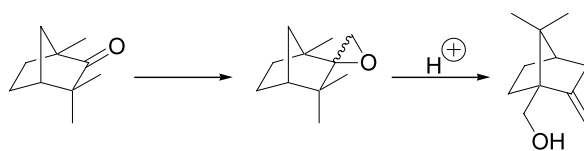
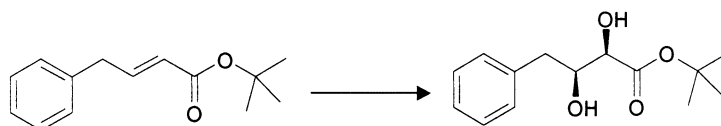
Frédéric Guillen, Caroline L. Winn and Alexandre Alexakis*

Department of Organic Chemistry, University of Geneva, 30, quai Ernest Ansermet, CH-1211 Geneva 4, Switzerland**Enantioselective conjugate addition of diethylzinc using catalytic silver(I) diaminocarbenes and Cu(OTf)₂***Tetrahedron: Asymmetry 12 (2001) 2087*

Julien Pytkowicz, Sylvain Roland* and Pierre Mangeney

Laboratoire de Chimie des Organoéléments, UMR 7611, Université P. et M. Curie, 4, Place Jussieu, tr 44-45, 2ème ét, 75252 Paris cedex 05, France**First synthesis of (–)-(1*R*,4*R*)- and (+)-(1*S*,4*S*)-(7,7-dimethyl-2-methylene-bicyclo[2.2.1]hept-1-yl)-methanol: new fenchone-derived chiral auxiliaries***Tetrahedron: Asymmetry 12 (2001) 2091*

Pascal Gosselin,* Martine Lelièvre and Bénédicte Poissonnier

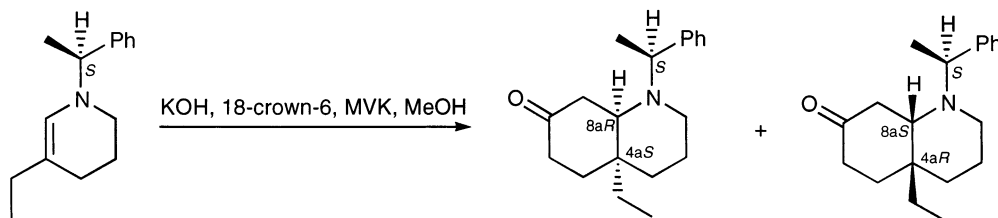
Laboratoire de Synthèse Organique, UMR 6011 CNRS, Université du Maine, Avenue O. Messiaen, F-72085 Le Mans cedex 9, France**Application of the continuous Sharpless dihydroxylation***Tetrahedron: Asymmetry 12 (2001) 2095*Jens Wöltinger,^{a,*} Hans Henniges,^b Hans-Peter Krimmer,^a
Andreas S. Bommarius^a and Karlheinz Drauz^a^a*Degussa AG, Business Unit Fine Chemicals, PO Box 1345, D-63403 Hanau, Germany*^b*Degussa AG, Business Unit Fine Chemicals, Feldmühlestrasse, D-53859 Niederkassel, Germany*

Synthesis of (–)-(1'S,4aS,8aR)- and (+)-(1'S,4aR,8aS)-4a-ethyl-1-(1'-phenylethyl)-octahydroquinolin-7-ones

Tetrahedron: Asymmetry 12 (2001) 2099

E. Vázquez, A. Galindo,* D. Gnecco* and S. Bernès

Centro de Química del Instituto de Ciencias, BUAP, 14 Sur 6303, C.P. 72570, Ciudad Universitaria Puebla, Puebla, Mexico



A novel highly stereoselective synthesis of chiral 5- and 4,5-substituted 2-oxazolidinones

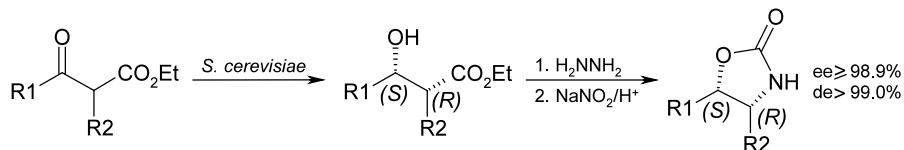
Tetrahedron: Asymmetry 12 (2001) 2103

M. Bertau,^{a,*} M. Bürli,^b E. Hungerbühler^c and P. Wagner^b

^aInstitut für Biochemie, Technische Universität Dresden, 01062 Dresden, Germany

^bRohner AG, Gempenstraße 6, 4133 Pratteln, Switzerland

^cBasel Institute for Applied Sciences, Gründenstrasse 41, 4132 Muttenz, Switzerland



Resolution of racemic 3-aryloxy-1-nitrooxypropan-2-ols by lipase-catalyzed enantioselective acetylation

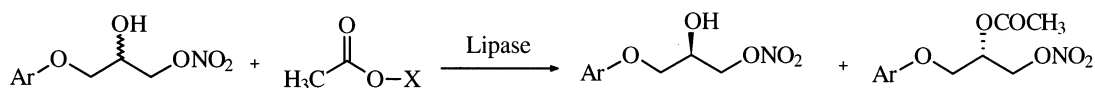
Tetrahedron: Asymmetry 12 (2001) 2109

Beata Krystyna Pchelka,^{a,b,*} André Loupy,^a Jan Plenkiewicz,^b Alain Petit^a and Luis Blanco^c

^aLaboratoire des Réactions Sélectives sur Supports (CNRS UMR 8615), Institut de Chimie Moléculaire d'Orsay, Bât. 410, Université de Paris-Sud, 91405 Orsay Cedex, France

^bFaculty of Chemistry, Warsaw University of Technology, Noakowskiego 3, 00-664 Warsaw, Poland

^cLaboratoire des Carbocycles (CNRS UMR 8615), Institut de Chimie Moléculaire d'Orsay, Bât. 420, Université de Paris-Sud, 91405 Orsay Cedex, France

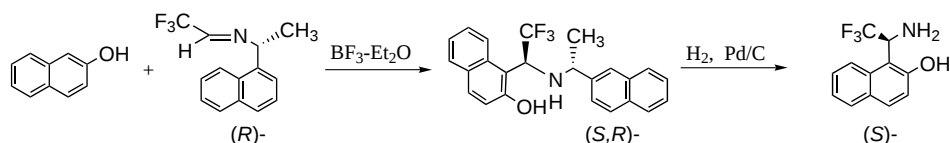


Diastereoselective Friedel–Crafts reaction of α-trifluoromethyl imines derived from chiral amines

Tetrahedron: Asymmetry 12 (2001) 2121

Yuefa Gong* and Katsuya Kato

National Institute of Advanced Industrial Science and Technology, Hirate-cho, Kita-ku, 462-8510 Nagoya, Japan

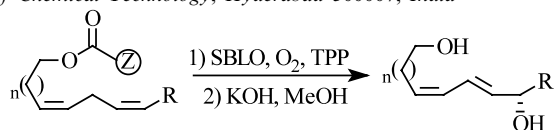


Enzymatic asymmetric hydroxylation of unnatural substrates with soybean lipoxygenase

Tetrahedron: Asymmetry 12 (2001) 2129

J. S. Yadav,* S. Nanda and A. Bhaskar Rao

Organic Division, Indian Institute of Chemical Technology, Hyderabad 500007, India



1a, n = 1; Z = -(CH₂)₄OH

1b, n = 2; Z = -(CH₂)₃OH

1c, n = 3; Z = -(CH₂)₂OH

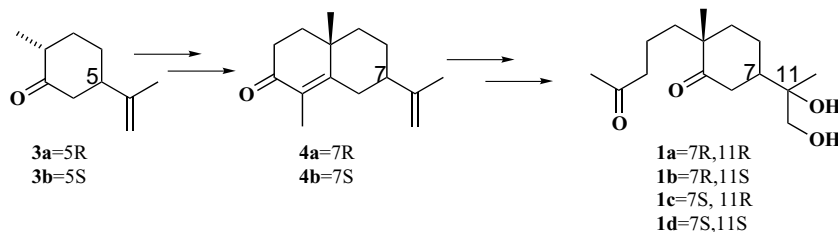
R = C₅H₁₁

First enantioselective total synthesis of glutinone and its C(7) and C(11) epimers

Tetrahedron: Asymmetry 12 (2001) 2137

Zhe Zhang, Zhaoming Xiong, Guojun Zheng and Yulin Li*

National Laboratory of Applied Organic Chemistry and Institute of Organic Chemistry, Lanzhou University, Lanzhou 730000, China

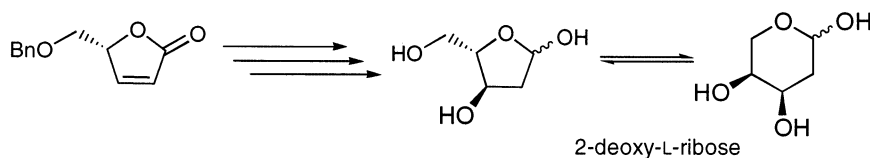


A facile access to 2-deoxy-L-ribose

Tetrahedron: Asymmetry 12 (2001) 2143

Fabio Fazio and Manfred P. Schneider*

FB 9-Bergische Universität-GH-Wuppertal, D-42097 Wuppertal, Germany

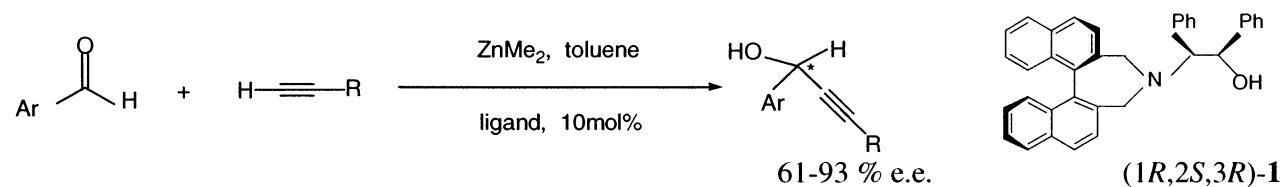


Enantioselective alkynylation of aromatic aldehydes catalyzed by new chiral amino alcohol-based ligands

Tetrahedron: Asymmetry 12 (2001) 2147

Gui Lu, Xingshu Li, Zhongyuan Zhou, Wing Lai Chan* and Albert S. C. Chan*

Open Laboratory of Chirrotechnology and Department of Applied Biology and Chemical Technology, The Hong Kong Polytechnic University, Hong Kong



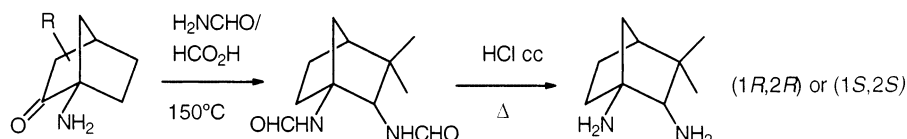
Enantioselective synthesis of both enantiomers of vicinal norbornanediamines through the Leuckart reaction of 2-norbornanones

Tetrahedron: Asymmetry 12 (2001) 2153

Antonio García Martínez,^{a,*} Enrique Teso Vilar,^{b,*} Amelia García Fraile^b and Paloma Martínez-Ruiz^a

^aDepartamento de Química Orgánica I, Facultad de Ciencias Químicas, Universidad Complutense de Madrid, Ciudad Universitaria s/n, E-28040 Madrid, Spain

^bDepartamento de Química Orgánica y Biología, Facultad de Ciencias, UNED, c/Senda del Rey 9, E-28040 Madrid, Spain



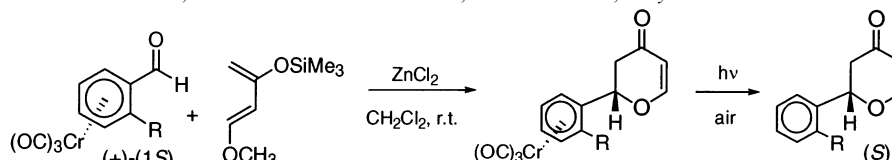
Stereoselective hetero Diels–Alder reactions of chiral tricarbonyl (η^6 -benzaldehyde)chromium complexes

Tetrahedron: Asymmetry 12 (2001) 2159

Clara Baldoli,^{a,*} Stefano Maiorana,^a Emanuela Licandro,^a Giovanna Zinzalla,^a Maurizio Lanfranchi^b and Antonio Tiripicchio^b

^aDipartimento di Chimica Organica e Industriale, Università di Milano e CNR Centro Studio Sintesi e Stereochimica Speciali Sistemi Organici, Via C. Golgi, 19, I-20133 Milan, Italy

^bDipartimento di Chimica Generale ed Inorganica, Chimica Analitica, Chimica Fisica, Università di Parma e Centro di Studio per la Strutturistica Diffraattometrica del CNR, Parco Area delle Scienze 17A, I-43100 Parma, Italy



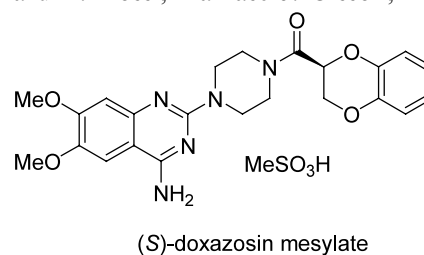
Practical chemical and enzymatic technologies for (S)-1,4-benzodioxan-2-carboxypiperazine intermediate in the synthesis of (S)-doxazosin mesylate

Tetrahedron: Asymmetry 12 (2001) 2169

Q. Kevin Fang,^{*} Paul Grover, Zhengxu Han, Fran X. McConville, Richard F. Rossi, Damase J. Olsson, Donald W. Kessler, Stephen A. Wald and Chris H. Senanayake^{*}

Chemical Process Research and Development, Sepracor Inc., 111 Locke Drive, Marlborough, MA 01752, USA

Two approaches to (S)-1,4-benzodioxan-2-carboxypiperazine (S)-2 and its transformation to (S)-doxazosin mesylate are described.

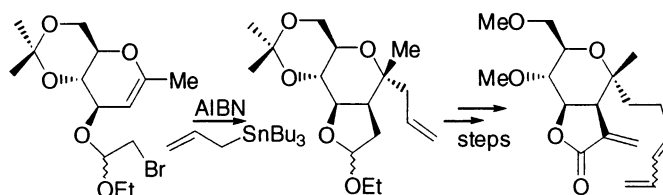


Stereocontrolled entry to β -C-glycosides and bis-C,C-glycosides from C-glycals: preparation of a highly functionalized triene from D-mannose

Tetrahedron: Asymmetry 12 (2001) 2175

Ana M. Gómez,^{*} Marta Casillas, Serafín Valverde and J. Cristóbal López^{*}

Instituto de Química Orgánica General (CSIC), Juan de la Cierva 3, 28006 Madrid, Spain

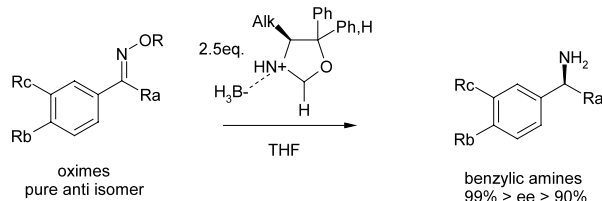


Synthesis of optically-active benzylic amines; asymmetric reduction of ketoxime ethers with chiral oxazaborolidines

Tetrahedron: Asymmetry 12 (2001) 2185

Evelyne Fontaine,* Claudie Namane, Jérôme Meneyrol, Michel Geslin, Laurence Serva, Eliane Roussey, Stéphanie Tissandié, Mohamed Maftouh and Pierre Roger

Recherche Exploratoire, Sanofi-Synthélabo Recherche, 195 rte d'Espagne, 31036 Toulouse, France

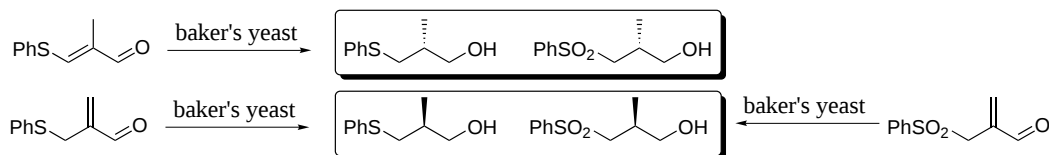


Baker's yeast mediated biohydrogenation of sulphur-functionalised methacrolein derivatives. Stereochemical aspects of the reaction and preparation of the two enantiomers of useful C₄ bifunctional chiral synthons

Tetrahedron: Asymmetry 12 (2001) 2191

Stefano Serra* and Claudio Fuganti

Dipartimento di Chimica del Politecnico, Centro CNR per lo Studio delle Sostanze Organiche Naturali, Via Mancinelli, 7 I-20131 Milan, Italy



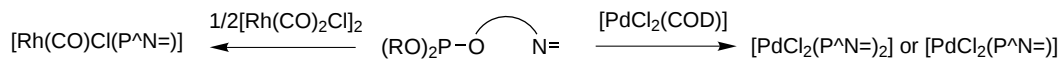
New chiral phosphite ligands bearing *sp*²-nitrogen: complexation properties and palladium(II)-catalysed enantioselective allylic alkylation

Tetrahedron: Asymmetry 12 (2001) 2197

Alexei I. Polosukhin,^{a,*} Oleg G. Bondarev,^a Sergey E. Lyubimov,^b Andrei V. Korostylev,^a Konstantin A. Lyssenko,^a Vadim A. Davankov^a and Konstantin N. Gavrilov^b

^aInstitute of Organoelement Compounds, Russian Academy of Sciences, 28, Vavilov str., 117813 Moscow, Russia

^bDepartment of Chemistry, Ryazan State Pedagogic University, 46, Svoboda str., Ryazan 390000, Russia



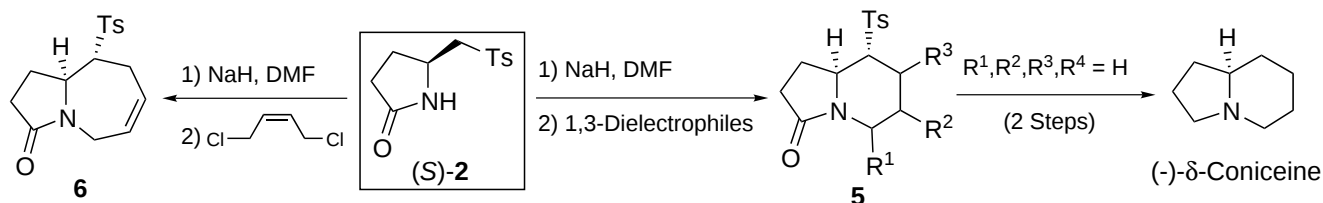
Pd(II)-catalysed enantioselective allylic alkylation - up to 85% e.e.

Convergent asymmetric synthesis of indolizidines from (*S*)-5-(tosylmethyl)-2-pyrrolidinone: synthesis of (–)-δ-coniceine

Tetrahedron: Asymmetry 12 (2001) 2205

Ana Costa, Carmen Nájera* and José M. Sansano

Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apartado 99, 03080 Alicante, Spain



Synthesis of optically active functionalised cyclic ketimines and their application in enantioselective catalysis

Tetrahedron: Asymmetry 12 (2001) 2213

Nikolai Graf v. Keyserlingk and Jürgen Martens*

Universität Oldenburg, Fachbereich Chemie, Carl-von-Ossietzky-Straße 9-11, D-26129 Oldenburg, Germany

Used as ligands in enantioselective hydrosilylation of acetophenone with selectivities up to 54% e.e.

