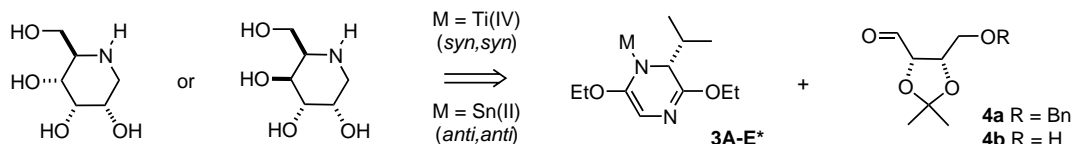


Access to iminosugars by aldol additions of metalated bis-lactim ethers to L-erythrose derivatives

Tetrahedron: Asymmetry 13 (2002) 795

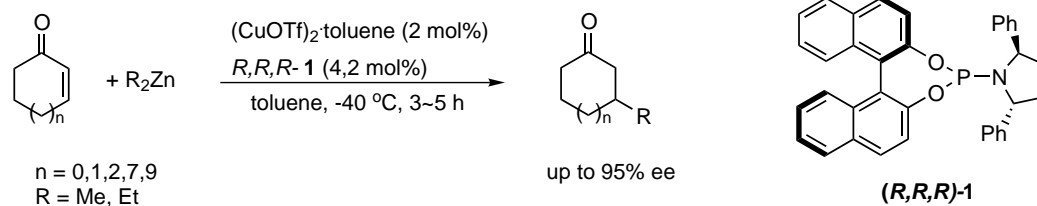
María Ruiz,* Vicente Ojea, Tania M. Ruanova and José M. Quintela

Departamento de Química Fundamental, Facultad de Ciencias, Universidade da Coruña, Campus da Zapateira, s/n, 15071 A Coruña, Spain


Copper-catalyzed conjugate addition on macrocyclic, cyclic, and acyclic enones with a chiral phosphoramidite ligand having a C_2 -symmetric amine moiety

Tetrahedron: Asymmetry 13 (2002) 801

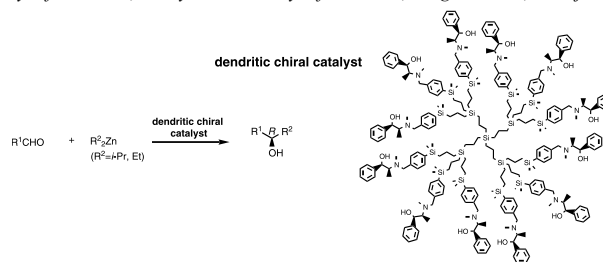
Yong Hyun Choi, Jun Young Choi, Hye Yon Yang and Yong Hae Kim*

Department of Chemistry, Center for Molecular Design and Synthesis, Korea Advanced Institute of Science and Technology, Taejeon 305-701, South Korea


Highly enantioselective addition of dialkylzincs to aldehydes using dendritic chiral catalysts with flexible carbosilane backbones

Tetrahedron: Asymmetry 13 (2002) 805

Itaru Sato, Ryo Kodaka, Kenji Hosoi and Kenso Soai*

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


Easily accessible chiral amino-phosphinite ligands for highly enantioselective palladium-mediated allylic alkylation

Tetrahedron: Asymmetry 13 (2002) 809

 Guoshu Chen,^a Xin Li,^a Haile Zhang,^a Liuzhu Gong,^{a,*} Aiqiao Mi,^{a,*} Xin Cui,^a Yaozhong Jiang, Michael C. K. Choi^b and Albert S. C. Chan^b
^aUnion Laboratory of Asymmetric Synthesis, Chengdu Institute of Organic Chemistry, Chinese Academy of Sciences, Chengdu 610041, China

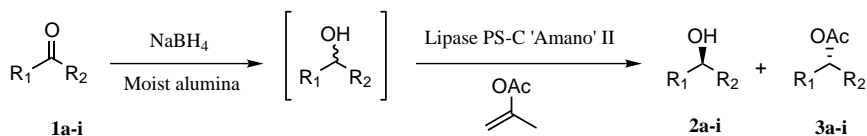
^bOpen Laboratory of Chirotechnology and Department of Applied Biology and Chemical Technology, The Hong Kong Polytechnic University, Hong Kong, China


One-pot lipase-catalyzed synthesis of enantiopure secondary alcohols from carbonyl compounds: a new protocol for lipase-mediated resolution

Tetrahedron: Asymmetry 13 (2002) 815

Ahmed Kamal,* Mahendra Sandbhor and K. Venkata Ramana

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

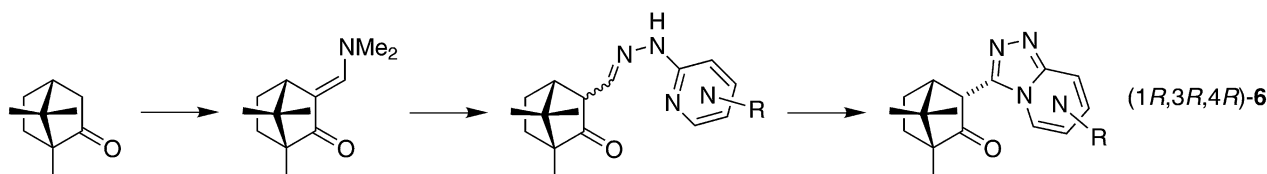


Stereoselective synthesis of (1*R*,3*R*,4*R*)-3-(1,2,4-triazolo-[4,3-*x*]azin-3-yl)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-ones

Tetrahedron: Asymmetry 13 (2002) 821

Uroš Grošelj, Simon Rečnik, Jurij Svete,* Anton Meden and Branko Stanovnik

Faculty of Chemistry and Chemical Technology, University of Ljubljana, Aškerčeva 5, PO Box 537, 1000 Ljubljana, Slovenia



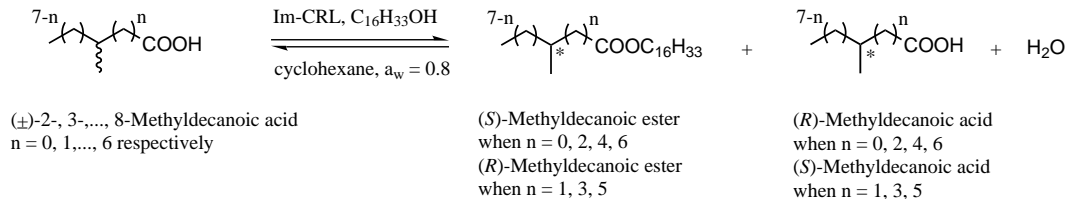
Do enzymes recognise remotely located stereocentres? Highly enantioselective *Candida rugosa* lipase-catalysed esterification of the 2- to 8-methyldecanoic acids

Tetrahedron: Asymmetry 13 (2002) 835

Erik Hedenström,^{a,*} Ba-Vu Nguyen^a and Louis A. Silks, III^b

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

^bThe Szilard Resource, Biosciences Division Mail Stop E529, Alamos National Laboratory, Bikini Atoll Road, SM 30, Los Alamos, NM 87545, USA



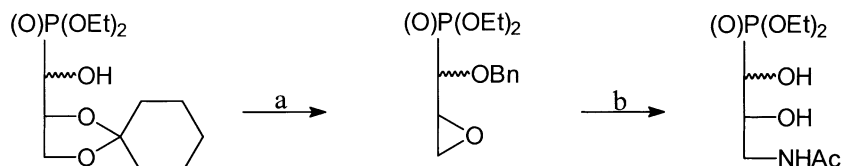
Synthesis of diethyl (1*R*,2*R*)- and (1*S*,2*R*)-3-acetamido-1,2-dihydroxypropylphosphonates

Tetrahedron: Asymmetry 13 (2002) 845

Andrzej E. Wróblewski* and Katarzyna B. Balcerzak

Bioorganic Chemistry Laboratory, Faculty of Pharmacy, Medical University of Łódź, 90-151 Łódź, Muszynskiego 1, Poland

Reagents and conditions: (a) BnBr, Ag₂O, HCl, dioxane, MeC(OMe)₃, PPTS, AcBr, K₂CO₃, MeOH; (b) HNBn₂, 50°C, Ac₂O, NEt₃, H₂-Pd(OH)₂/C.



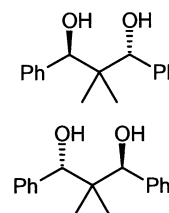
Synthesis and resolution of 2,2-dimethyl-1,3-diphenyl-1,3-propanediol, a new C_2 -symmetric and conformationally rigid acyclic diol

Tetrahedron: Asymmetry 13 (2002) 851

K. C. Bhowmick, K. R. K. Prasad and N. N. Joshi*

Division of Organic Synthesis, National Chemical Laboratory, Pune 411008, India

Synthesis, resolution and absolute configuration of both enantiomers of 2,2-dimethyl-1,3-diphenyl-1,3-propanediol is described.



Asymmetric synthesis of novel C_2 -symmetric bimorpholines

Tetrahedron: Asymmetry 13 (2002) 857

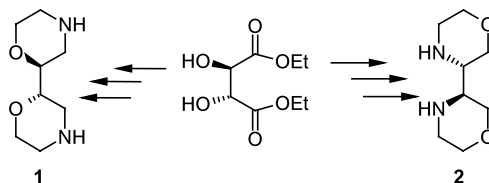
Tõnis Kanger,^{a,*} Kadri Kriis,^b Tõnis Pehk,^c

Aleksander-Mati Müürisepp^a and Margus Lopp^b

^a*Institute of Chemistry at Tallinn Technical University, Akadeemia tee 15, Tallinn 12618, Estonia*

^b*Faculty of Chemistry, Tallinn Technical University, Ehitajate tee 5, Tallinn 19086, Estonia*

^c*National Institute of Chemical Physics and Biophysics, Akadeemia tee 23, Tallinn 12618, Estonia*



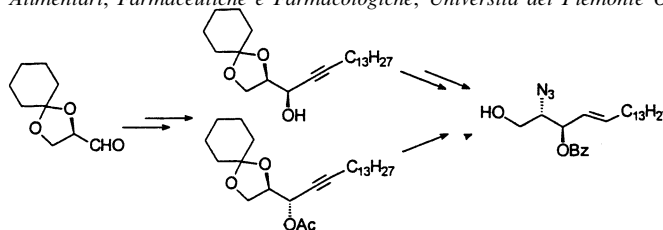
Chemoenzymatic stereoconvergent synthesis of 3-O-benzoyl azidosphingosine

Tetrahedron: Asymmetry 13 (2002) 867

Federica Compostella,^a Laura Franchini,^a Giovanni Battista Giovenzana,^b Luigi Panza,^{b,*} Davide Prosperì^b and Fiamma Ronchetti^a

^a*Dipartimento di Chimica e Biochimica Medica, Università di Milano, Via Saldini 50, 20133 Milano, Italy*

^b*Dipartimento di Scienze Chimiche, Alimentari, Farmaceutiche e Farmacologiche, Università del Piemonte Orientale, Viale Ferrucci 33, 28100 Novara, Italy*



Stereochemistry of terpene derivatives. Part 3. Hydrolytic kinetic resolution as a convenient approach to chiral aminohydroxyiminocaranes with local anaesthetic activity

Tetrahedron: Asymmetry 13 (2002) 873

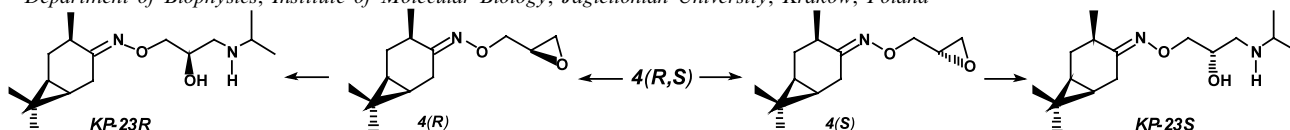
Stanisław Lochyński,^{a,*} Bożena Frąckowiak,^a Tadeusz Librowski,^b Ryszard Czarnecki,^b Jacek Grochowski,^c Paweł Serda^c and Marta Pasenkiewicz-Gierula^d

^a*Institute of Organic Chemistry, Biochemistry and Biotechnology, Wrocław University of Technology, W. Wyspińskiego 27, 50-370 Wrocław, Poland*

^b*Department of Pharmacodynamics, Collegium Medicum Jagiellonian University, Kraków, Poland*

^c*Regional Laboratory of Physicochemical Analysis, Jagiellonian University, Kraków, Poland*

^d*Department of Biophysics, Institute of Molecular Biology, Jagiellonian University, Kraków, Poland*

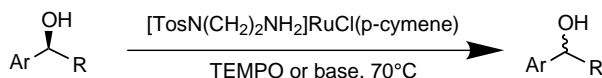


Efficient ruthenium-catalyzed racemization of secondary alcohols: application to dynamic kinetic resolution

Tetrahedron: Asymmetry 13 (2002) 879

Arné Dijkman, Jeoffrey M. Elzinga, Yu-Xin Li, Isabel W. C. E. Arends and Roger A. Sheldon*

Biocatalysis and Organic Chemistry, Department of Biotechnology, Delft University of Technology, Julianalaan 136, 2628 BL Delft, The Netherlands

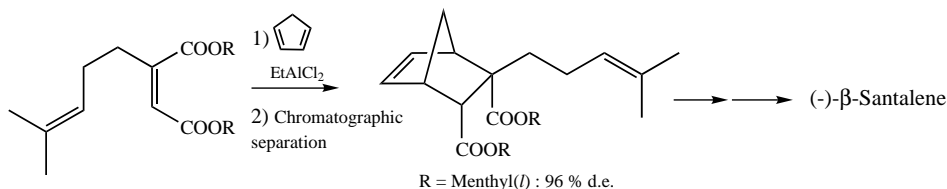


Application of the asymmetric Diels–Alder reaction of a 2-substituted chiral maleate to the formal synthesis of (–)-β-santalene

Tetrahedron: Asymmetry 13 (2002) 885

Nicolas Baldovini and Guy Solladié*

Laboratoire de Stéréochimie associé au CNRS, Université Louis Pasteur, ECPM, 25 Rue Becquerel, 67008 Strasbourg Cedex 2, France



Stereoselective oxazaborolidine–borane reduction of biphenyl alkyl ketones

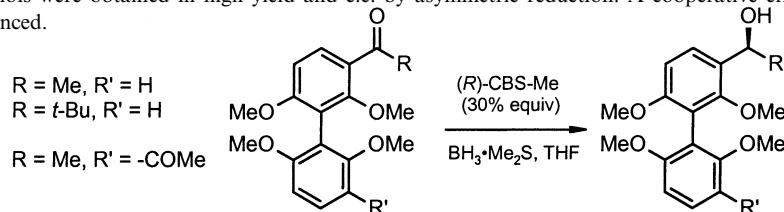
Tetrahedron: Asymmetry 13 (2002) 891

Giovanna Delogu,^{a,*} Davide Fabbri,^a Cristina de Candia,^a Angela Patti^{b,*} and Sonia Pedotti^b

^a*Istituto di Chimica Biomolecolare del CNR, Sez. di Sassari, Traversa la Crucca 3, regione Balduca, Li Punti, 07040 Sassari, Italy*

^b*Istituto di Chimica Biomolecolare del CNR, Sez. di Catania, Via del Santuario 110, I-95028 Valverde CT, Italy*

Chiral alkyl biphenyl carbinols were obtained in high yield and e.e. by asymmetric reduction. A cooperative effect between stereoaxis and stereocentres was evidenced.



Biocatalysed synthesis of the enantiomers of the floral odorant Florhydral®

Tetrahedron: Asymmetry 13 (2002) 899

Agnese Abate, Elisabetta Brenna,* Claudia Dei Negri, Claudio Fuganti and Stefano Serra

Dipartimento di Chimica, Materiali ed Ingegneria Chimica del Politecnico, Istituto CNR per la Chimica del Riconoscimento Molecolare, Via Mancinelli 7, I-20131 Milan, Italy

