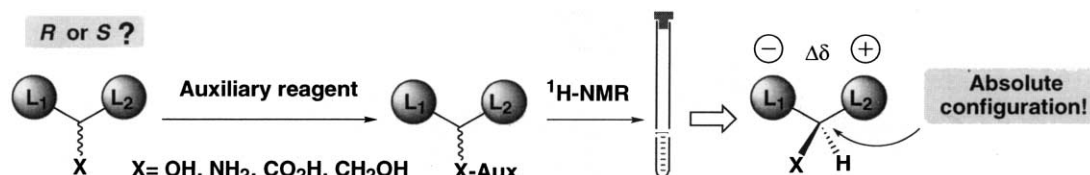


A practical guide for the assignment of the absolute configuration of alcohols, amines and carboxylic acids by NMR

Tetrahedron: Asymmetry 12 (2001) 2915

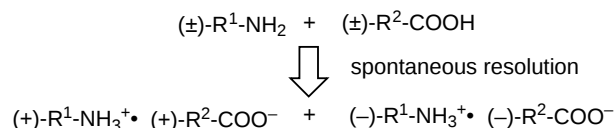
José Manuel Seco, Emilio Quiñoá and Ricardo Riguera*

Departamento de Química Orgánica, Facultad de Química, Universidad de Santiago de Compostela, 15706, Santiago de Compostela, Spain


Probability of spontaneously resolvable conglomerates for racemic acid/racemic amine salts predicted on the basis of the results of diastereomeric resolutions

Tetrahedron: Asymmetry 12 (2001) 2927

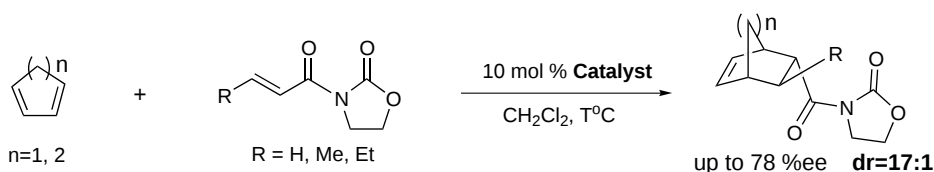
Kazushi Kinbara, Yoshiyuki Tagawa and Kazuhiko Saigo*

Department of Integrated Biosciences, Graduate School of Frontier Sciences, The University of Tokyo, Hongo, Bunkyo-ku, Tokyo 113-8656, Japan


Heterogeneous asymmetric Diels–Alder reactions using a copper–chiral bis(oxazoline) complex immobilized on mesoporous silica

Tetrahedron: Asymmetry 12 (2001) 2931

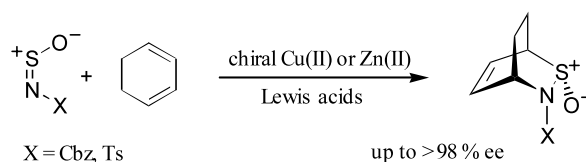
 Jin Kyoon Park,^a Sang-Wook Kim,^b Taeghwan Hyeon^{b,*} and B. Moon Kim^{a,*}
^aCenter for Molecular Catalysis, School of Chemistry & Molecular Engineering, Seoul National University, Seoul 151-747, South Korea

^bSchool of Chemical Engineering, Seoul National University, Seoul 151-742, South Korea


Highly enantioselective hetero Diels–Alder reactions of *N*-sulfinyl dienophiles promoted by copper(II)- and zinc(II)-chiral bis(oxazoline) complexes

Tetrahedron: Asymmetry 12 (2001) 2937

 Annette Bayer^a and Odd R. Gautun^{b,*}
^aDepartment of Chemistry, University of Tromsø, NO-9037 Tromsø, Norway

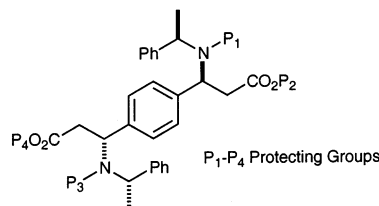
^bDepartment of Chemistry, Norwegian University of Science and Technology, NO-7491 Trondheim, Norway


Asymmetric synthesis of a homochiral differentially protected pseudo-*meso* bis- β -amino acid scaffold

Tetrahedron: Asymmetry 12 (2001) 2941

Steven D. Bull, Stephen G. Davies* and Andrew D. Smith

The Dyson Perrins Laboratory, University of Oxford, South Parks Road, Oxford OX1 3QY, UK



Synthesis, stereochemistry and absolute configuration of deodarols and deodarones

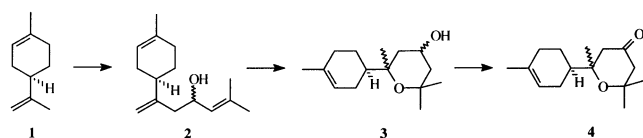
Tetrahedron: Asymmetry 12 (2001) 2947

Margarita B. Villecco,^a Luis R. Hernández,^a Marcelo I. Guzmán,^a César A. N. Catalán,^{a,*} María A. Bucio^b and Pedro Joseph-Nathan^b

^a*Instituto de Química Orgánica, Facultad de Bioquímica, Química y Farmacia, Universidad Nacional de Tucumán, Ayacucho 471, San Miguel de Tucumán, 4000 Argentina*

^b*Departamento de Química, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Apartado 14-740, Mexico D.F. 07000, Mexico*

The stereochemistry and absolute configuration of the four deodarols **3** and two deodarones **4** derived from (*R*)-(+)-limonene **1** is described.

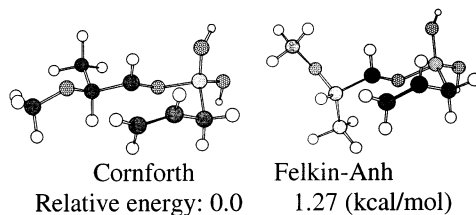


Asymmetric transition states of allylation reaction: an ab initio molecular orbital study

Tetrahedron: Asymmetry 12 (2001) 2955

Benjamin W. Gung* and Xiaowen Xue

Department of Chemistry and Biochemistry, Miami University, Oxford, OH 45056, USA



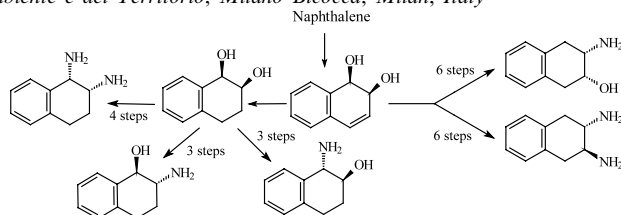
Enantiopure *vic*-amino alcohols and *vic*-diamines from (1*R*,2*S*)-1,2-dihydroxy-1,2-dihydronaphthalene

Tetrahedron: Asymmetry 12 (2001) 2961

Fulvia Orsini,^{a,*} Guido Sello^a and G. Bestetti^b

^a*Dipartimento di Chimica Organica e Industriale, Università degli Studi di Milano, Milan Italy*

^b*Dipartimento di Scienze dell' Ambiente e del Territorio, Milano-Bicocca, Milan, Italy*



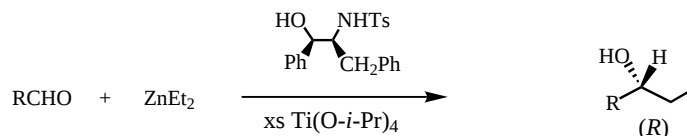
Enantioselective addition of diethylzinc to aldehydes catalyzed by titanium(IV) complexes of *N*-sulfonylated amino alcohols with two stereogenic centers

Tetrahedron: Asymmetry 12 (2001) 2971

Jing-Song You, Ming-Yuan Shao and Han-Mou Gau*

Department of Chemistry, National Chung-Hsing University, Taichung 402, Taiwan

Enantioselective addition of ZnEt_2 to aldehydes catalyzed by titanium(IV) complexes of *N*-sulfonylated amino alcohols was carried out with e.e. values of up to 98%.

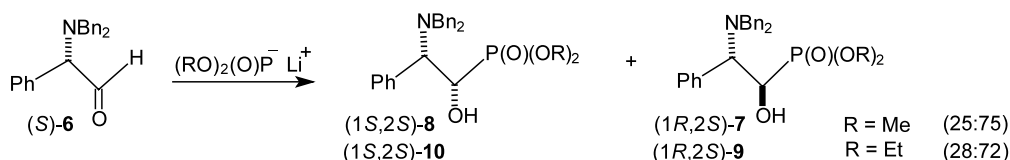


Stereochemistry of the addition of dialkyl phosphites to (*S*)-*N,N*-dibenzylphenylglycinal

Tetrahedron: Asymmetry 12 (2001) 2977

Andrzej E. Wróblewski* and Dorota G. Piotrowska

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

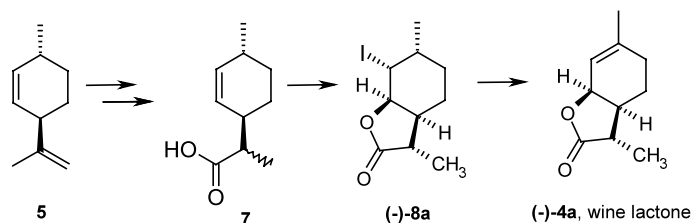


An efficient and simple synthesis of (-)-wine lactone

Tetrahedron: Asymmetry 12 (2001) 2985

Subhash P. Chavan,* Rajendra K. Kharul, Anil K. Sharma and Sambhaji P. Chavan

Division Of Organic Chemistry: Technology, National Chemical Laboratory, Pune 411 008, India



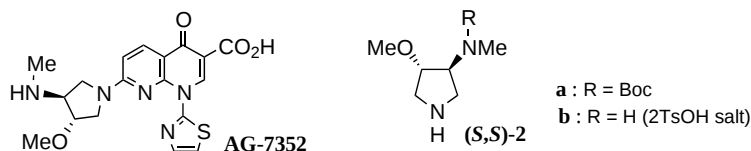
Practical synthesis of (3*S*,4*S*)-3-methoxy-4-methylamino-pyrrolidine

Tetrahedron: Asymmetry 12 (2001) 2989

Yasunori Tsuzuki,* Katsumi Chiba, Kazuhiro Mizuno, Kyoji Tomita and Kenji Suzuki

Chemistry Research Laboratories, Daiippon Pharmaceutical Co., Ltd., Enoki 33-94, Suita, Osaka 564-0053, Japan

A large scale synthetic method for (3*S*,4*S*)-3-methoxy-4-methylaminopyrrolidine, an important intermediate for the novel quinolone antitumor agent, AG-7352, has been developed.

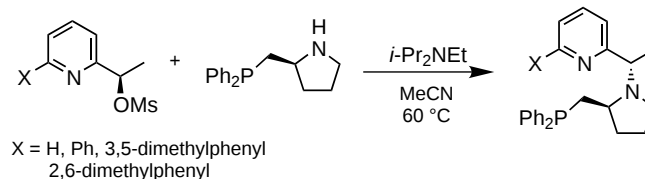


Preparation of new chiral pyridine–phosphine ligands and their Pd-catalyzed asymmetric allylic alkylations

Tetrahedron: Asymmetry 12 (2001) 2999

Jun'ichi Uenishi* and Masahiro Hamada

Kyoto Pharmaceutical University, Misasagi, Yamashina, Kyoto 607-8412, Japan

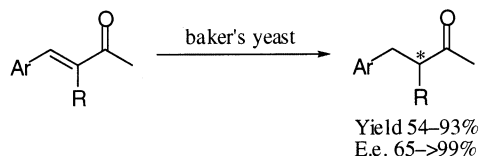


Asymmetric synthesis of α -chiral ketones by the reduction of enones with baker's yeast

Tetrahedron: Asymmetry 12 (2001) 3007

Yasushi Kawai,* Motoko Hayashi and Norihiro Tokitoh

Institute for Chemical Research, Kyoto University, Uji, Kyoto 611-0011, Japan



Efficient resolution of naproxen by inclusion crystallization with *N*-octyl-glucamine and structure characterization of the inclusion complex

Tetrahedron: Asymmetry 12 (2001) 3015

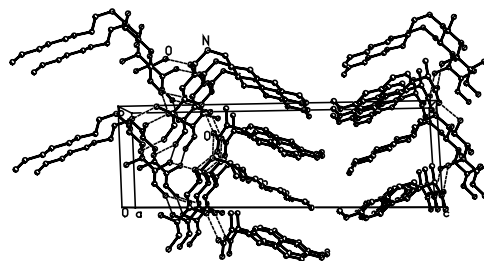
Xuejun Yuan,^{a,*} Jiguo Li,^a Yunqi Tian,^a Gene-Hsiang Lee,^b Xie-Ming Peng,^b Rongguang Zhu^c and Xiaozeng You^{a,*}

^aState Key Laboratory of Coordination Chemistry and Coordination Chemistry Institute, Nanjing University, Nanjing 210093, China

^bDepartment of Chemistry, National Taiwan University, Taipei, Taiwan 106

^cJinling Chemical Factory, Nanjing 210028, China

(*S*)-(+)-Naproxen was directly resolved from the racemate by inclusion crystallization with high enantiopurity (>95% e.e.) using *N*-octyl-(-)-glucamine as the chiral host. The crystal structure of the inclusion complex was also determined.

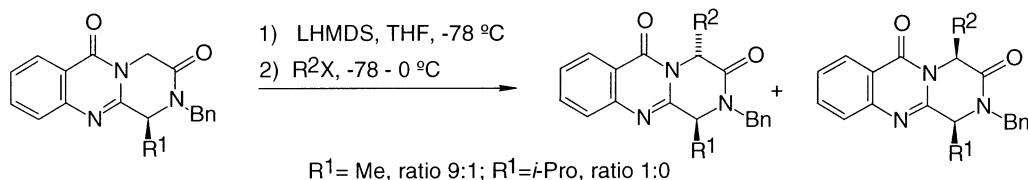


Reactivity as glycine templates of 1,2-dialkyl-2,4-dihydro-1*H*-pyrazino[2,1-*b*]quinazoline-3,6-diones

Tetrahedron: Asymmetry 12 (2001) 3019

Félix L. Buenadicha, Carmen Avendaño* and Mónica Söllhuber

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

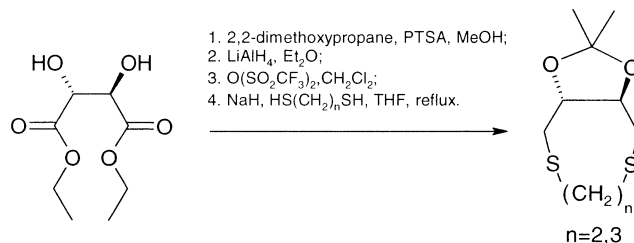


Novel chiral dithioethers derived from L-tartaric acid

Leticia Flores-Santos,^a Erika Martin,^{a,*} Montserrat Diéguez,^{b,*} Anna M. Masdeu-Bultó^b and Carmen Claver^b

^aDepartamento de Química Inorgánica, Facultad de Química, Universidad Nacional Autónoma de México, Cd. Universitaria, 04510 Mexico DF, Mexico

^bDepartament de Química Física i Inorgànica, Universitat Rovira i Virgili Plaça Imperial Tàrraco, 1, E-43005 Tarragona, Spain



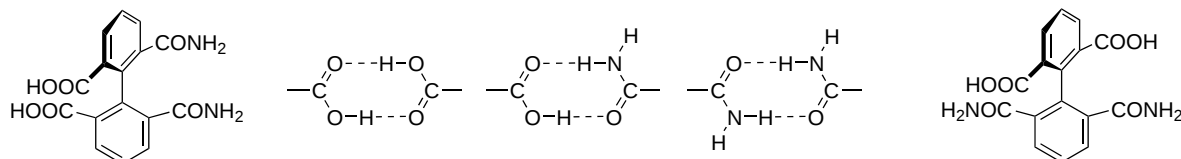
Tetrahedron: Asymmetry 12 (2001) 3029

Self-assembly of enantiopure and racemic 2,2',6,6'-tetrasubstituted biaryl tectons into hydrogen bonded chiral squares and infinite chiral square layers

Petr Holý,^a Jiří Závada,^{a,*} Ivana Císařová^b and Jaroslav Podlaha^b

^aInstitute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, Flemingovo nám. 2, 166 10 Prague 6, Czech Republic

^bDepartment of Inorganic Chemistry, Faculty of Natural Sciences, Charles University, Hlavova 2030, 128 40 Prague 2, Czech Republic

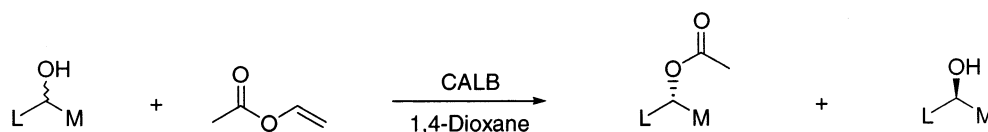


Tetrahedron: Asymmetry 12 (2001) 3035

Study of the enantioselectivity of the CAL-B-catalysed transesterification of α -substituted α -propylmethanols and α -substituted benzyl alcohols

Eduardo García-Urdiales, Francisca Rebolledo and Vicente Gotor^{*}

Departamento de Química Orgánica e Inorgánica, Universidad de Oviedo, 33006 Oviedo, Spain



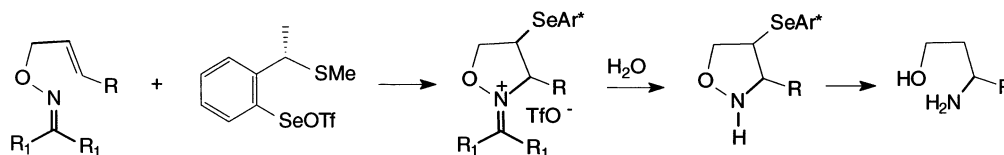
Tetrahedron: Asymmetry 12 (2001) 3047

Optically active isoxazolidines and 1,3-amino alcohols by asymmetric selenocyclization reactions of O-allyl oximes

Marcello Tiecco,^{*} Lorenzo Testaferri, Francesca Marini, Silvia Sternativo, Claudio Santi, Luana Bagnoli and Andrea Temperini

Dipartimento di Chimica e Tecnologia del Farmaco, Sezione di Chimica Organica, Università di Perugia, I-06123 Perugia, Italy

Isoxazolidines are obtained in good yields and high diastereoselectivities by the selenocyclization of O-allyl oximes.



Tetrahedron: Asymmetry 12 (2001) 3053