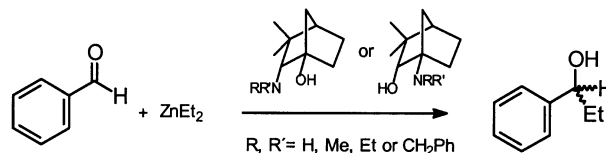


The role of the substitution pattern on the catalytic activity of chiral bridgehead norbornane-derived β -amino alcohols

Tetrahedron: Asymmetry 13 (2002) 1457

 Antonio García Martínez,^{a,*} Enrique Teso Vilar,^{b,*} Amelia García Fraile,^b Santiago de la Moya Cerero^a and Paloma Martínez-Ruiz^a
^aDepartamento de Química Orgánica, Facultad de Ciencias Químicas, Universidad Complutense de Madrid (UCM), Ciudad Universitaria s/n, 28040 Madrid, Spain

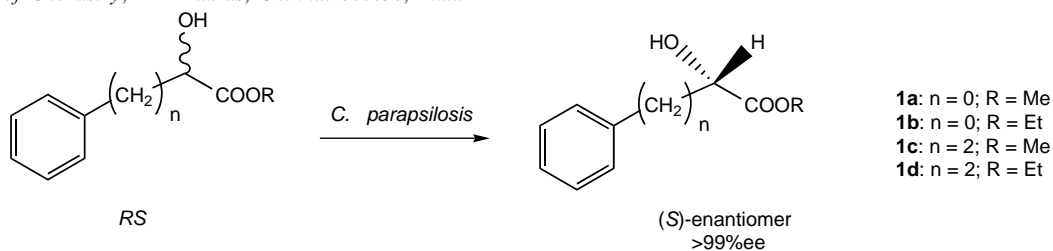
^bDepartamento de Química Orgánica y Biología, Facultad de Ciencias (UNED), c/ Senda del Rey 9, 28040 Madrid, Spain


Biocatalytic deracemisation of α -hydroxy esters: high yield preparation of (*S*)-ethyl 2-hydroxy-4-phenylbutanoate from the racemate

Tetrahedron: Asymmetry 13 (2002) 1461

Anju Chadha* and Baburaj Baskar

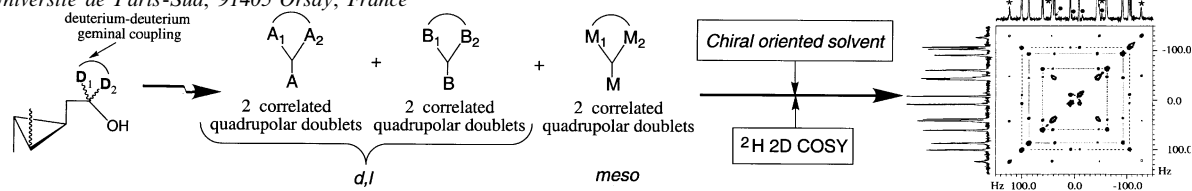
Department of Chemistry, IIT-Madras, Chennai 600036, India



Investigation of SmI_2 -mediated cyclisation of δ -iodo- α,β -unsaturated esters by deuterium 2D NMR in oriented solvents

Tetrahedron: Asymmetry 13 (2002) 1465

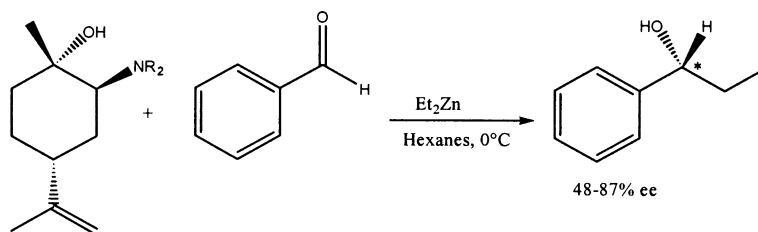
 H el ene Villar,^a Fran ois Guib e,^{a,*} Christie Aroulanda^b and Philippe Lesot^{b,*}
^aLaboratoire de Catalyse Mol culaire, CNRS ESA 8075, ICMO, B at. 420, Universit  de Paris-Sud, 91405 Orsay, France

^bLaboratoire de Chimie Structurale Organique, CNRS ESA 8074, ICMO, B at. 410, Universit  de Paris-Sud, 91405 Orsay, France


Asymmetric addition of diethylzinc to aldehydes catalyzed by β -amino alcohols derived from limonene oxide

Tetrahedron: Asymmetry 13 (2002) 1477

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^aDepartment of Chemistry and Biochemistry, University of California Santa Cruz, Santa Cruz, CA 95064, USA

^bCustom and Fine Chemicals, Pharmaceutical Services, The Dow Chemical Company, 1710 Building, Midland, MI 48674, USA


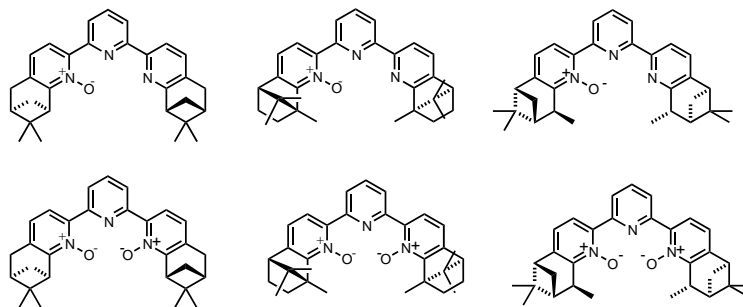
Synthesis of new chiral terpyridine mono-*N*-oxide and di-*N*-oxide ligands and their applications in copper-catalyzed asymmetric cyclopropanation

Tetrahedron: Asymmetry 13 (2002) 1485

Wing-Leung Wong, Wing-Sze Lee and Hoi-Lun Kwong*

Department of Biology and Chemistry and Open Laboratory of Chirotechnology of the Institute of Molecular Technology for drugs Discovery and Synthesis, City University of Hong Kong, 83 Tat Chee Avenue, Kowloon, Hong Kong SAR, China

Copper(II) triflate complexes of the mono- and di-*N*-oxide ligands induced ee of up to 83% with excellent yields in the Cu(II)-catalyzed cyclopropanation of a number of styrene derivatives.

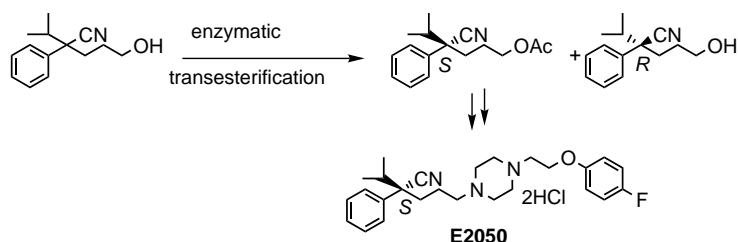


Enantioselective synthesis of (2*S*)-5-{4-[2-(4-fluorophenoxy)ethyl]piperazin-1-yl}-2-isopropyl-2-phenyl-pentanenitrile dihydrochloride (E2050) using enzyme-catalyzed kinetic resolution

Tetrahedron: Asymmetry 13 (2002) 1493

Yoshihiko Norimine,* Noboru Yamamoto, Yuichi Suzuki, Teiji Kimura, Koki Kawano, Koichi Ito, Satoshi Nagato, Yoichi Iimura and Masahiro Yonaga

Tsukuba Research Laboratories, Eisai Co., Ltd., 5-1-3 Tokodai, Tsukuba-shi, Ibaraki 300-2635, Japan

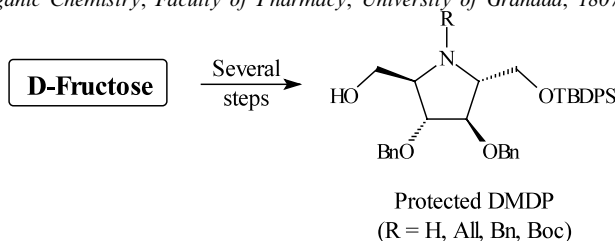


Polyhydroxylated pyrrolidines. Part 2: Highly stereoselective synthesis of partially protected DMDP derivatives from D-fructose

Tetrahedron: Asymmetry 13 (2002) 1503

Isidoro Izquierdo,* María T. Plaza and Francisco Franco

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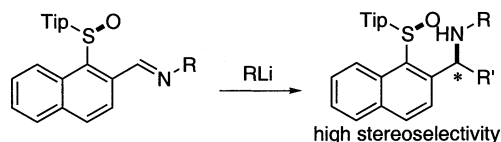


Diastereoselective reaction of [1-(2,4,6-triisopropylphenylsulfanyl)-2-naphthyl]methanimines via diastereomeric rotamers

Tetrahedron: Asymmetry 13 (2002) 1509

Shuichi Nakamura, Hiroki Yasuda and Takeshi Toru*

Department of Applied Chemistry, Nagoya Institute of Technology, Gokiso, Showa-ku, Nagoya 466-8555, Japan

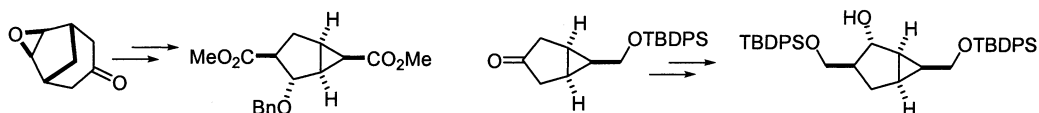


Enantioselective construction of bicyclo[3.1.0]hexane derivatives through asymmetric deprotonation of *meso*-cyclic ketones

Tetrahedron: Asymmetry 13 (2002) 1519

Hitoshi Abe,* Takenori Tsujino, Kenta Araki, Yasuo Takeuchi and Takashi Harayama*

Faculty of Pharmaceutical Sciences, Okayama University, Tsushima-Naka, Okayama 700-8530, Japan

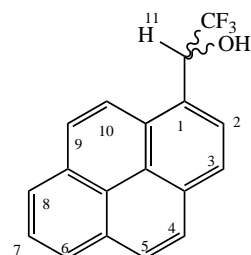


Preparation and behavior of (*R*)- and (*S*)-2,2,2-trifluoro-1-(1-pyrenyl)ethanol as chiral solvating agents: study of the diastereomeric association by Job's plots, intermolecular NOE and binding constants

Tetrahedron: Asymmetry 13 (2002) 1529

Anna Muñoz and Albert Virgili*

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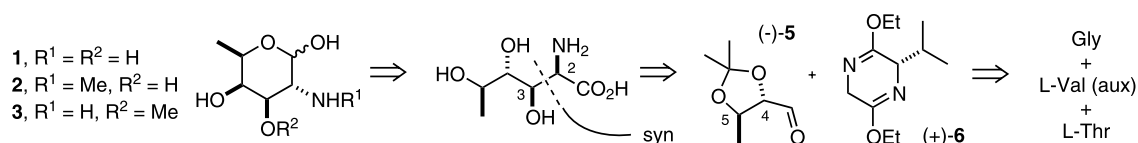


Amino acid based diastereoselective synthesis of fucosamines

Tetrahedron: Asymmetry 13 (2002) 1535

María Ruiz,* Vicente Ojea and José M. Quintela

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

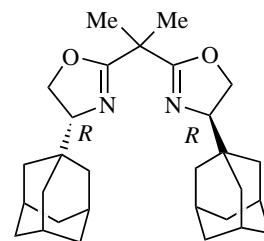


2,2'-Isopropylidenebis[(4*R*)-(1-adamantyl)-2-oxazoline] (Adam-Box). A new enantiopure C_2 -symmetrical ligand: enantioselective cyclopropanations, Diels–Alder reactions, and allylic oxidations

Tetrahedron: Asymmetry 13 (2002) 1551

Jaume Clariana, Josep Comelles, Marcial Moreno-Mañas* and Adelina Vallribera

Department of Chemistry, Universitat Autònoma de Barcelona, Cerdanyola, 08193 Barcelona, Spain



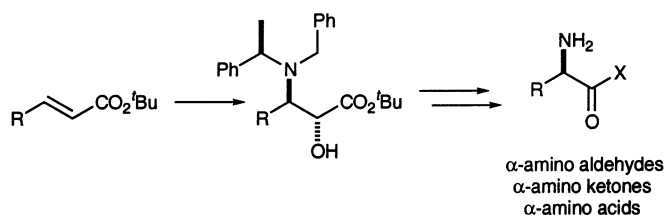
Asymmetric synthesis of α -amino carbonyl derivatives using lithium (*R*)-*N*-benzyl-*N*- α -methylbenzylamide

Tetrahedron: Asymmetry 13 (2002) 1555

Stephen G. Davies,^{a,*} Simon W. Epstein,^a A. Christopher Garner,^a Osamu Ichihara^b and Andrew D. Smith^a

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

^bEvotec OAI, 151 Milton Park, Abingdon, Oxon OX14 4SD, UK

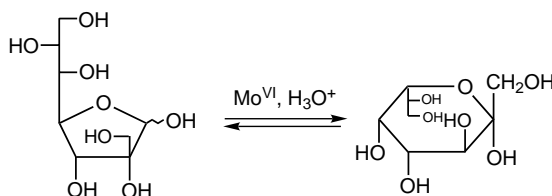


Highly stereospecific Mo(VI)-mediated synthesis of D-glycero-L-galacto-octulose

Tetrahedron: Asymmetry 13 (2002) 1567

Zuzana Hricoviniová

Institute of Chemistry, Slovak Academy of Sciences, SK-842 38 Bratislava, Slovakia

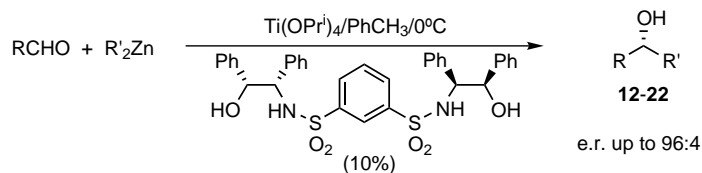


Synthesis of C_2 -symmetrical bis(1,2-hydroxy sulfonamide) ligands and application in the enantioselective addition of dialkylzinc to aldehydes

Tetrahedron: Asymmetry 13 (2002) 1573

Miguel Yus,^{*} Diego J. Ramón and Oscar Prieto

Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apdo. 99, E-03080 Alicante, Spain



Polyhydroxylated pyrrolizidines. Part 2: The first total synthesis of (+)-hyacinthacine A₃

Tetrahedron: Asymmetry 13 (2002) 1581

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