Enantioselective perception of chiral odorants

Tetrahedron: Asymmetry *14 (2003) 1*

Elisabetta Brenna,* 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 Milano, Italy

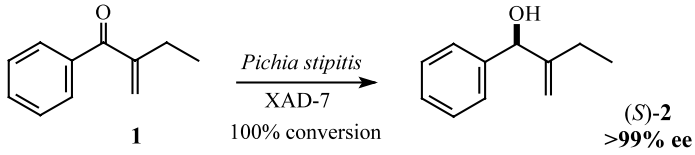
Enantiomers of chiral fragrances and flavours may show different odour quality and/or odour intensity. Great effort has been devoted by chemists to investigate the '*best enantiomer*' of chiral odorants. This research has not only economic, but also social implications, related to the welfare of human beings and of their environment.

Highly efficient extractive biocatalysis in the asymmetric reduction of an acyclic enone by the yeast *Pichia stipitis*

Tetrahedron: Asymmetry *14 (2003) 43*

Gelson J. Andrade Conceição, Paulo J. S. Moran and J. Augusto R. Rodrigues*

Universidade Estadual de Campinas, Instituto de Química, CP 6154, 13083-970, Campinas-SP, Brazil

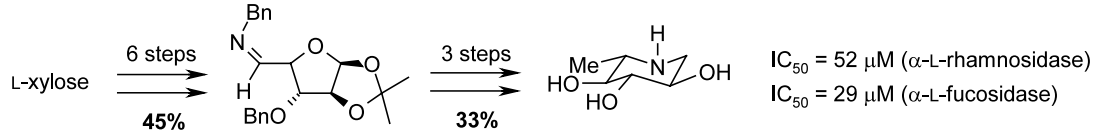


First stereocontrolled synthesis and biological evaluation of 1,6-dideoxy-L-nojirimycin

Tetrahedron: Asymmetry *14 (2003) 47*

Aymeric Bordier,[a] Philippe Compain,[a] Olivier R. Martin,[a,*] Kyoko Ikeda[b] and Naoki Asano[b]

[a]*Institut de Chimie Organique et Analytique, CNRS, Université d'Orléans, BP 6759, 45067 Orléans, France*
[b]*Faculty of Pharmaceutical Sciences, Hokuriku University, Kanazawa 920-1181, Japan*

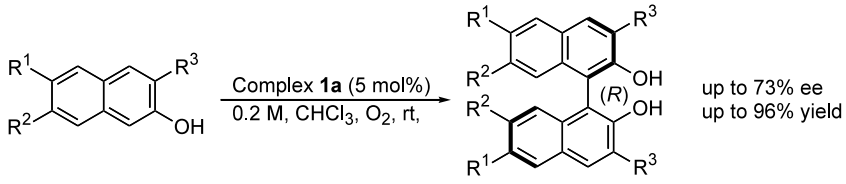


Catalytic enantioselective coupling of 2-naphthols by new chiral oxovanadium complexes bearing a self accelerating functional group

Tetrahedron: Asymmetry *14 (2003) 53*

Chang-Ying Chu and Biing-Jiun Uang*

Department of Chemistry, National Tsing Hua University, Hsinchu, Taiwan 300, ROC



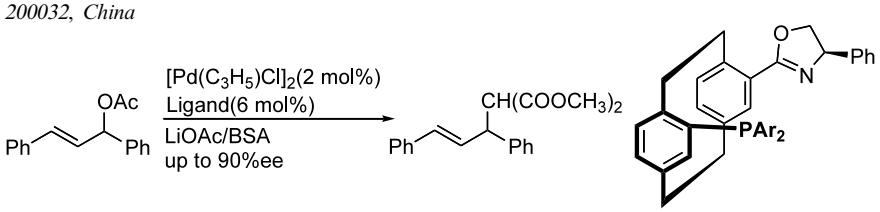
Novel planar chiral *P,N*-[2.2]paracyclophane ligands: synthesis and application in palladium-catalyzed allylic alkylation

Tetrahedron: Asymmetry *14 (2003) 107*

Xun-Wei Wu,[a] Ke Yuan,[a] Wei Sun,[a] Ming-Jie Zhang[a] and Xue-Long Hou[a,b,*]

[a]*Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Lu, Shanghai 200032, China*

[b]*Shanghai-Hong Kong Joint Laboratory in Chemical Synthesis, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Lu, Shanghai 200032, China*



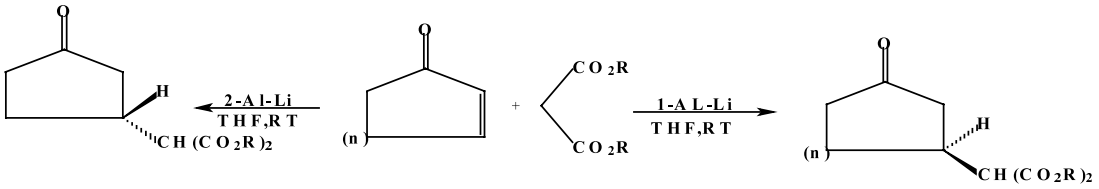
Novel heterobimetallic catalysts for asymmetric Michael reactions

Tetrahedron: Asymmetry *14 (2003) 113*

S. Velmathi,[a] S. Swarnalakshmi[b] and S. Narasimhan[a,*]

[a]*T.R. Govindachari Centre for Natural Products, SPIC Science Foundation, 88, Mount Road, Guindy, Chennai 600 032, India*

[b]*Department of Chemistry, Guru Nanak College, Velachery, Chennai 600 042, India*



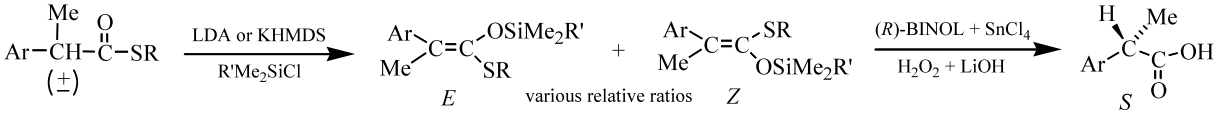
(*R*)-isomer (*S*)-isomer

Deracemization of thiol esters of α-arylpropionic acids

Tetrahedron: Asymmetry *14 (2003) 119*

Marco Clericuzio,* Iacopo Degani,* Stefano Dughera and Rita Fochi

Dipartimento di Chimica Generale ed Organica Applicata, Università di Torino, Via Pietro Giuria 7, I-10125 Torino, Italy



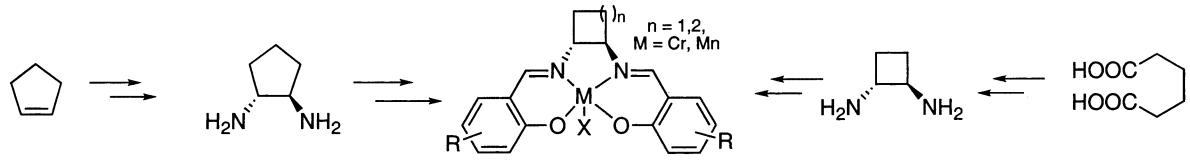
up to 82% e.e.

The synthesis and use in asymmetric epoxidation of metal salen complexes derived from enantiopure *trans*-cyclopentane- and cyclobutane-1,2-diamine

Tetrahedron: Asymmetry *14 (2003) 127*

Adrian M. Daly and Declan G. Gilheany*

Chemistry Department and Conway Institute of Biomolecular and Biomedical Sciences, University College Dublin, Belfield, Dublin 4, Ireland



Synthesis and applications of the first polyfluorous proline derivative

Tetrahedron: Asymmetry *14 (2003) 139*

Fabienne Fache* and Olivier Piva

Laboratoire de Chimie Organique, Photochimie et Synthèse, Université Claude Bernard Lyon I, CNRS UMR 5622, Bât. J. Raulin, 43 bd du 11 novembre 1918, 69622 Villeurbanne cedex, France