First total synthesis of (+)-hyacinthacine A_2

Tetrahedron: Asymmetry *12 (2001) 1807*

Lauriane Rambaud, Philippe Compain and Olivier R. Martin*

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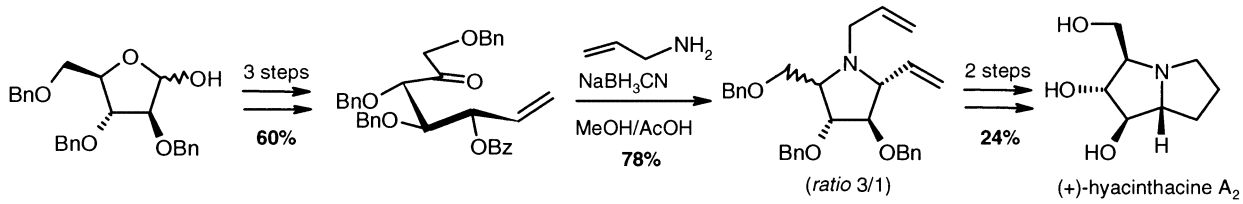

Asymmetric Diels–Alder reactions of optically active oxazolidinone-derived vinylsulfonamides

Tetrahedron: Asymmetry *12 (2001) 1811*

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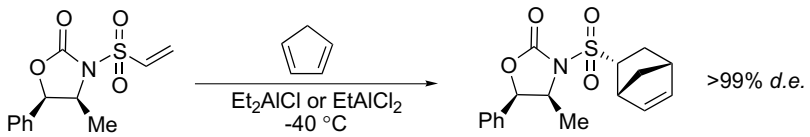
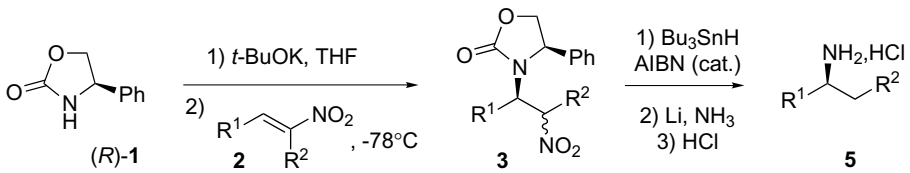


Enantioselective synthesis of α,α-disubstituted amines from nitroalkenes

Tetrahedron: Asymmetry *12 (2001) 1817*

Mary-Lorène Leroux, Thierry Le Gall* and Charles Mioskowski*

CEA-Saclay, Service des Molécules Marquées, Bât. 547, 91191 Gif-sur-Yvette Cedex, France



Ionic liquid-phase asymmetric catalytic hydrogenation: hydrogen concentration effects on enantioselectivity

Tetrahedron: Asymmetry *12 (2001) 1825*

Alexsandro Berger, Roberto F. de Souza, Marcelo R. Delgado and Jairton Dupont*

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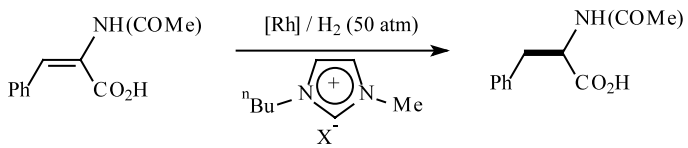

X	H_2 (mol.L^{-1})	e.e. (%)
BF_4	0.150	93
PF_6	0.044	81

Baker's yeast-mediated approach to (−)-*cis*- and (+)-*trans*-Aerangis lactones

Tetrahedron: Asymmetry *12 (2001) 1871*

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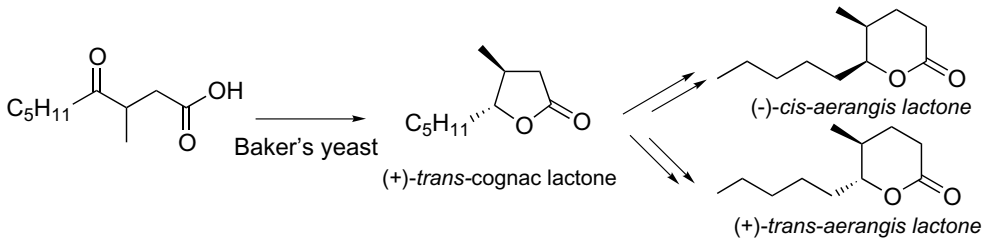
Dipartimento di Chimica del Politecnico, Centro CNR per lo Studio delle Sostanze Organiche Naturali, Via Mancinelli 7, I-20131 Milan, Italy



Enzyme-catalysed kinetic resolution of *N,O*-diacetyl derivatives of cyclic 1,3-amino alcohols

Tetrahedron: Asymmetry *12 (2001) 1881*

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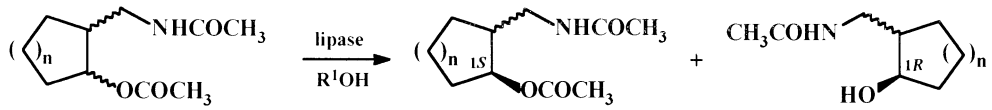
N,O-Diacetyl derivatives of racemic cyclic 1,3-amino alcohols were resolved through lipase-catalysed asymmetric *O*-deacylation at the (1*R*) stereogenic centre.



cis* and *trans

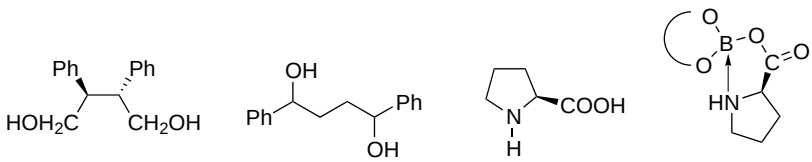
Resolution of C_2-symmetric 2,3-diphenylbutane-1,4-diol and purification of diastereomeric 1,4-diphenylbutane-1,4-diol using (*S*)-proline and boric acid

Tetrahedron: Asymmetry *12 (2001) 1887*

Mariappan Periasamy,* Vutukuri Dharma Rao and Muthu Seenivasaperumal

School of Chemistry, University of Hyderabad, Hyderabad 500 046, India

Racemic 2,3-diphenylbutane-1,4-diol **1** is resolved through reaction with (*S*)-proline and boric acid to obtain the corresponding (*R,R*)-isomer in 98% e.e. Using the same method, partially resolved (*R,R*)-(−)-**1** and (*S,S*)-(+)-**1** were enriched to obtain samples of 95 and 97% e.e. and diastereomeric 1,4-diphenylbutane-1,4-diol **2** was purified to obtain the (*R,R*)-isomer in 98% e.e.



1 **2** **3** 4

Enantioselective cyclopropanation reactions in ionic liquids

Tetrahedron: Asymmetry *12 (2001) 1891*

José M. Fraile,[a] José I. García,[a] Clara I. Herrerías,[a]
José A. Mayoral,[a,*] Daniel Carrié[b] and Michel Vaultier[b,*]

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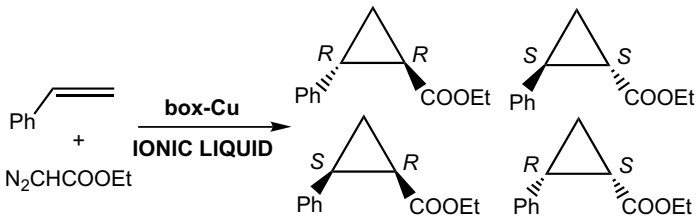

Reaction of sugar allyltins with aldehydes. A remarkable difference in reactivity between furanose and pyranose organometallic derivatives

Tetrahedron: Asymmetry *12 (2001) 1895*

Sławomir Jarosz,[a,*] Stanisław Skóra,[a] Katarzyna Szewczyk[a] and Zbigniew Ciunik[b]

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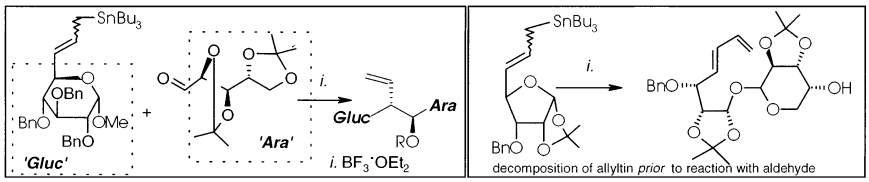
[b]*Faculty of Chemistry, University of Wrocław, F. Joliot-Curie 14, 50-383 Wrocław, Poland*



Chiral squaric prolinols: a new type of ligand for the asymmetric reduction of prochiral ketones by borane

Tetrahedron: Asymmetry *12 (2001) 1907*

Ji Zhang,[a] Hai-Bing Zhou,[a] Shou-Mao Lü,[a] Mei-Ming Luo,[a] Ru-Gang Xie,[a,*] Michael C. K. Choi,[b] Zhong-Yuan Zhou,[b] Albert S. C. Chan[b] and Teng-Kuei Yang[c]

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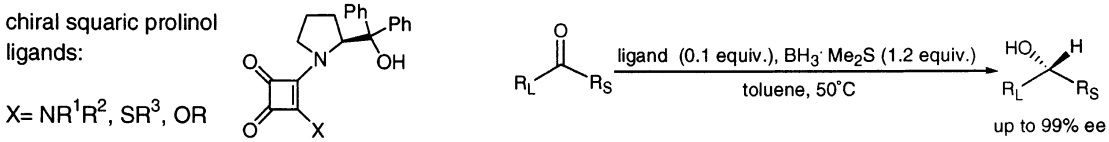
[b]*Open Laboratory of Chirotechnology and Department of Applied Biology and Chemical Technology, The Hong Kong Polytechnic University, Hong Kong, PR China*
[c]*Department of Chemistry, National Chung-Hsing University, Taichung, Taiwan*



Synthesis of both enantiomers of methylenolactocin, nephrosterinic acid and protolichesterinic acid via tandem aldol–lactonization reactions

Tetrahedron: Asymmetry *12 (2001) 1913*

Palangpon Kongsaeree,[a] Puttinan Meepowpan[a] and Yodhathai Thebtaranonth[a,b,*]

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[b]*National Center for Genetic Engineering and Biotechnology (BIOTEC)/National Science and Technology Development Agency (NSTDA), Rama 6 Road, Bangkok 10400, Thailand*

Simple preparation of enantiomeric Michael adducts of thiophenol to chalcones: easily available new chiral building blocks

Tetrahedron: Asymmetry *12 (2001) 1923*

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