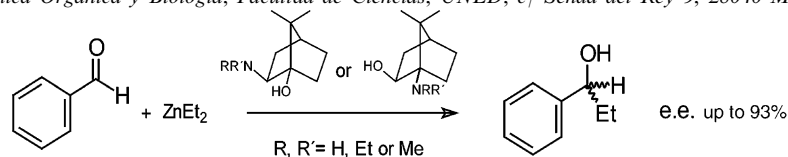
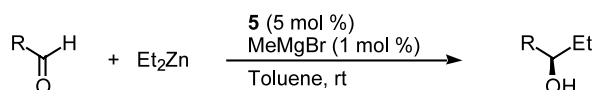


**Bridgehead-norbornane-derived  $\beta$ -amino alcohol catalysts:  
structural factors influencing the chirality transfer**
*Tetrahedron: Asymmetry 13 (2002) 1*

 Antonio García Martínez,<sup>a,\*</sup> Enrique Teso Vilar,<sup>b,\*</sup> Amelia García Fraile,<sup>b</sup> Santiago de la Moya Cerero,<sup>a</sup> Paloma Martínez-Ruiz<sup>a</sup> and Paloma Chicharro Villas<sup>a</sup>
<sup>a</sup>Departamento de Química Orgánica, Facultad de Ciencias Químicas, Universidad Complutense de Madrid, Ciudad Universitaria s/n, E-28040 Madrid, Spain

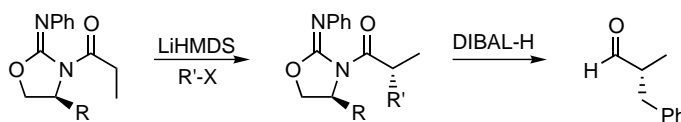
<sup>b</sup>Departamento de Química Orgánica y Biología, Facultad de Ciencias, UNED, c/ Senda del Rey 9, 28040 Madrid, Spain

**Synthesis of the novel chiral 1,3-amino alcohol 8-*N,N*-bis-(ferrocenylmethyl)amino-menthol and its use as catalyst in the enantioselective addition of diethylzinc to aldehydes**
*Tetrahedron: Asymmetry 13 (2002) 5*

 María J. Vilaplana,<sup>a</sup> Pedro Molina,<sup>a,\*</sup> Antonio Arques,<sup>a</sup> Celia Andrés<sup>b</sup> and Rafael Pedrosa<sup>b</sup>
<sup>a</sup>Departamento de Química Orgánica, Facultad de Química, Universidad de Murcia, Campus de Espinardo, E-30100 Murcia, Spain

<sup>b</sup>Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Valladolid, E-47011 Valladolid, Spain

**L-Valinol and L-phenylalaninol-derived 2-phenylamino-2-oxazolines as chiral auxiliaries in asymmetric alkylations**
*Tetrahedron: Asymmetry 13 (2002) 9*

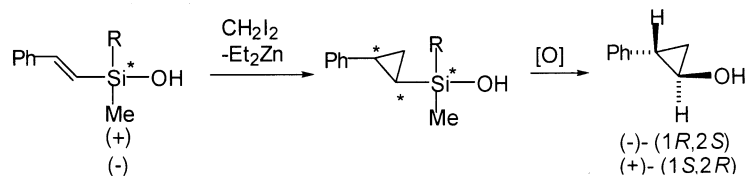
 Gue-Jae Lee,<sup>a</sup> Taek Hyeon Kim,<sup>a,\*</sup> Jae Nyoun Kim<sup>b</sup> and Uk Lee<sup>c</sup>
<sup>a</sup>Faculty of Applied Chemistry, Chonnam National University, Kwangju 500-757, South Korea

<sup>b</sup>Department of Chemistry, Chonnam National University, Kwangju 500-757, South Korea

<sup>c</sup>Department of Chemistry, Pukyong National University, Pusan 608-737, South Korea

**Chirality transfer from silicon to carbon via diastereoselective Simmons–Smith cyclopropanation of chiral alkenylsilanols**
*Tetrahedron: Asymmetry 13 (2002) 13*

Yuichi Yamamura, Fumihiko Toriyama, Tatsuhiro Kondo and Atsunori Mori\*

Chemical Resources Laboratory, Tokyo Institute of Technology, 4259 Nagatsuta, Yokohama 226-8503, Japan



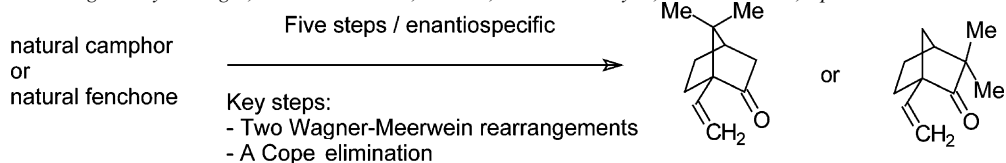
## A new enantiospecific synthetic procedure to the taxoid-intermediate 10-methylenecamphor, and 10-methylenefenchone

*Tetrahedron: Asymmetry 13 (2002) 17*

Antonio García Martínez,<sup>a,\*</sup> Enrique Teso Vilar,<sup>b</sup> Amelia García Fraile,<sup>b</sup> Santiago de la Moya Cerero<sup>a,\*</sup> and Beatriz Lora Maroto<sup>b</sup>

<sup>a</sup>Depto. de Química Orgánica, Fac. de Química, Universidad Complutense de Madrid, Ciudad Universitaria, 28040 Madrid, Spain

<sup>b</sup>Depto. de Química Orgánica y Biología, Fac. de Ciencias, UNED, Senda del Rey 9, 28040 Madrid, Spain



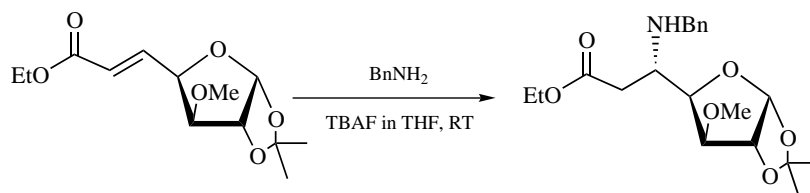
## Tetra-*n*-butylammonium fluoride: an efficient base for aza-Michael addition—synthesis of glycosyl $\beta$ -amino acid esters

*Tetrahedron: Asymmetry 13 (2002) 21*

G. V. M. Sharma,\* V. Goverdhan Reddy, A. Subhash Chander and K. Ravinder Reddy

D-211, Discovery Laboratory, Organic Chemistry Division-III, Indian Institute of Chemical Technology, Hyderabad 500 007, India

TBAF is developed as a mild and efficient base for the aza-Michael addition, affording glycosyl  $\beta$ -amino acid esters.



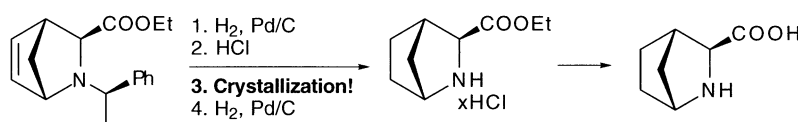
## An improved synthesis of enantiopure 2-azabicyclo[2.2.1]-heptane-3-carboxylic acid

*Tetrahedron: Asymmetry 13 (2002) 25*

Vitali I. Tararov,<sup>a,\*</sup> Renat Kadyrov,<sup>b</sup> Zenfira Kadyrova,<sup>a</sup> Natalia Dubrovina<sup>a</sup> and Armin Börner<sup>a,\*</sup>

<sup>a</sup>Institut für Organische Katalyseforschung an der Universität Rostock e.V., Buchbinderstr. 5/6, D-18055 Rostock, Germany

<sup>b</sup>Degussa AG, Projekthaus Katalyse, Geschäftsbereich Creavis, Industriepark Hoechst, Gebäude G 830, D-65926 Frankfurt/Main, Germany

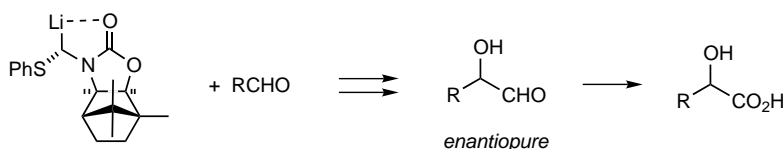


## Lithiated camphor-derived oxazolidinone *S,N*-acetals as chiral formyl anion synthons in additions to aldehydes. Asymmetric synthesis of $\alpha$ -hydroxy aldehydes and $\alpha$ -hydroxy acids

*Tetrahedron: Asymmetry 13 (2002) 29*

Robert E. Gawley,\* Silvio A. Campagna, Marcelina Santiago and Tong Ren

Department of Chemistry, University of Miami, Coral Gables, FL 33124, USA

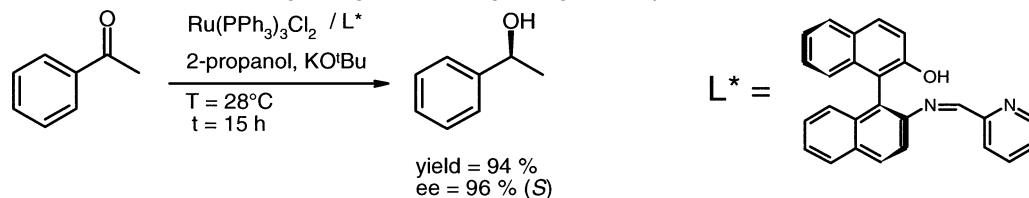


**Enantioselective catalysis. Part 143: Astonishingly high enantioselectivity in the transfer hydrogenation of acetophenone with 2-propanol using Ru complexes of the Schiff base derived from (*S*)-2-amino-2'-hydroxy-1,1'-binaphthyl (NOBIN) and 2-pyridinecarbaldehyde**

*Tetrahedron: Asymmetry 13 (2002) 37*

Henri Brunner,\* Frauke Henning and Matthias Weber

Institut für Anorganische Chemie, Universität Regensburg, D-93040 Regensburg, Germany



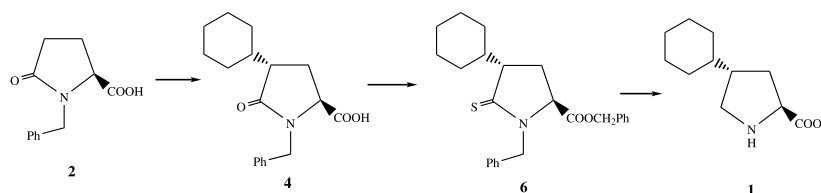
**A convenient method for synthesis of *trans*-4-cyclohexyl-L-proline**

*Tetrahedron: Asymmetry 13 (2002) 43*

Xiao Chen, Da-Ming Du and Wen-Ting Hua\*

The key Laboratory of Bioorganic Chemistry and Molecular Engineering of Ministry of Education, College of Chemistry & Molecular Engineering, Peking University, Beijing 100871, PR China

A convenient method for the synthesis of the fosinopril precursor, *trans*-4-cyclohexyl-L-proline **1**, has been developed.

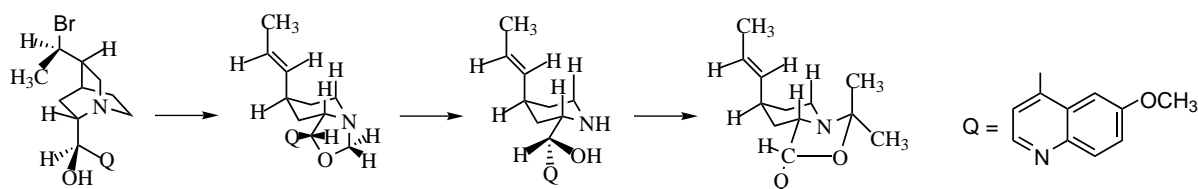


**Asymmetric conversions of 10-bromo-10,11-dihydroquinines into 8-oxa-1-azabicyclo[4.3.0]nonane derivatives and related compounds**

*Tetrahedron: Asymmetry 13 (2002) 47*

Jacek Thiel\* and Andrzej Katrusiak

Faculty of Chemistry, Adam Mickiewicz University, Grunwaldzka 6, 60-780 Poznań, Poland



**Resolution and enantioselective rearrangements of amino group-containing oxiranyl ethers**

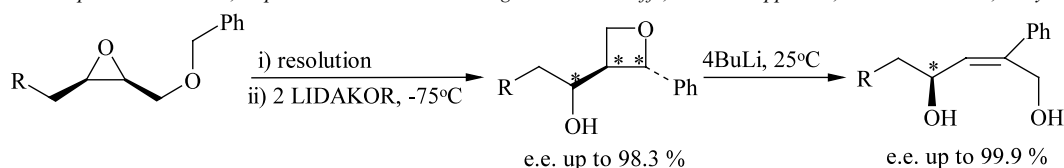
*Tetrahedron: Asymmetry 13 (2002) 59*

Ferenc Faigl,<sup>a,\*</sup> Angelika Thurner,<sup>a</sup> Gábor Tárkányi,<sup>b</sup> Julia Kovári<sup>a</sup> and Alessandro Mordini<sup>c</sup>

<sup>a</sup>Department of Organic Chemical Technology, Budapest University of Technology and Economics, Műgyetem rkp. 3, H-1521 Budapest, Hungary

<sup>b</sup>Richter Gedeon Co., H-1103 Budapest, Gyömrői út 19-21, Hungary

<sup>c</sup>Centro CNR Composti Eterociclici, Dipartimento di Chimica Organica 'U. Schiff', via G. Capponi 9, I-50121 Firenze, Italy



### Enantioselective semi-preparative HPLC of two 2-arylpropionic acids on glycopeptides containing chiral stationary phases

*Tetrahedron: Asymmetry 13 (2002) 69*

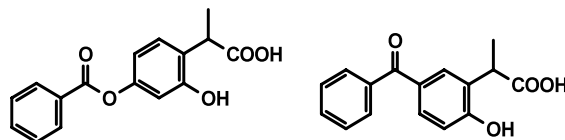
Stefano Alcaro,<sup>a</sup> Ilaria D'Acquarica,<sup>b</sup> Francesco Gasparri,<sup>b,\*</sup> Domenico Misi,<sup>b</sup> Marco Pierini<sup>b</sup> and Claudio Villani<sup>c</sup>

<sup>a</sup>Dipartimento di Scienze Farmacobiologiche, Università degli Studi 'Magna Graecia' di Catanzaro, Complesso Nini Barbieri, 88021 Roccella di Borgia (CZ), Italy

<sup>b</sup>Dip. Studi di Chimica e Tecnologia delle Sostanze Biologicamente Attive, Università 'La Sapienza', P. le Aldo Moro 5, 00185 Roma, Italy

<sup>c</sup>Dip. Scienze del Farmaco, Via dei Vestini 31, 66013 Chieti, Italy

Enantioselective semi-preparative HPLC of two 2-arylpropionic acids on novel chiral stationary phases containing glycopeptide antibiotics.

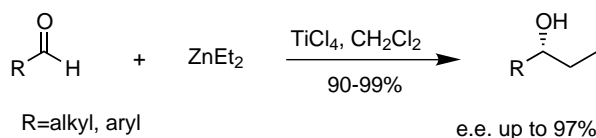


### Highly enantioselective diethylzinc addition to aldehydes catalyzed by D-glucosamine derivatives

*Tetrahedron: Asymmetry 13 (2002) 77*

Tomasz Bauer,\* Joanna Tarasiuk and Konrad Pańniczek

Department of Chemistry, Warsaw University, Pasteura 1, PL-02-093 Warsaw, Poland

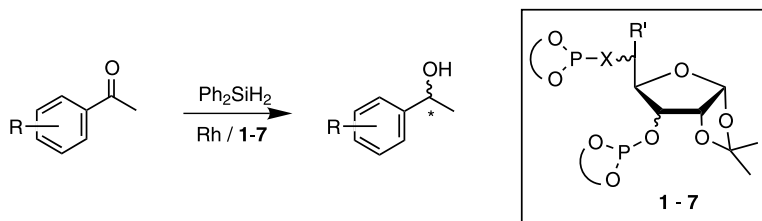


### Modular carbohydrate diphosphite and phosphite-phosphoramidite ligands for asymmetric Rh-catalyzed hydrosilylation of ketones

*Tetrahedron: Asymmetry 13 (2002) 83*

Montserrat Diéguez,\* Oscar Pàmies, Aurora Ruiz and Carmen Claver

Departament de Química Física i Inorgànica, Universitat Rovira i Virgili, Pl. Imperial Tàrraco 1, 43005 Tarragona, Spain



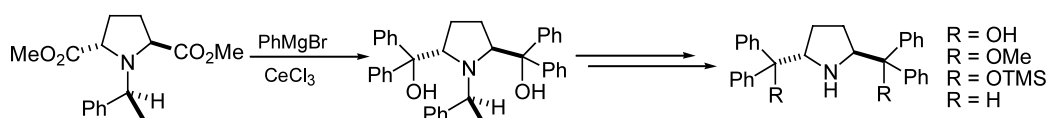
### Synthesis of new, highly hindered C<sub>2</sub>-symmetric trans-(2S,5S)-disubstituted pyrrolidines

*Tetrahedron: Asymmetry 13 (2002) 87*

Varinder K. Aggarwal,\* Franck Sandrinelli and Jonathan P. H. Charmant

School of Chemistry, Cantock's Close, University of Bristol, Bristol BS8 1TS, UK

trans-(2S,5S)-(1,1-Diphenylmethyl)pyrrolidine derivatives have been prepared from 1-[(S)-1-phenylethyl]-(2S,5S)-bis(methoxycarbonyl)pyrrolidine in very good yields.



**Addition of chiral enolates to *N*-alkyl-3-acylpyridinium salts.  
Total synthesis of (+)-16-epivinoxine and (-)-vinoxine**

*Tetrahedron: Asymmetry* 13 (2002) 95

M.-Lluïsa Bennasar,<sup>a,\*</sup> Ester Zulaica,<sup>a</sup> Yolanda Alonso,<sup>a</sup> Bernat Vidal,<sup>a</sup> Jesús T. Vázquez<sup>b</sup> and Joan Bosch<sup>a</sup>

<sup>a</sup>Laboratory of Organic Chemistry, Faculty of Pharmacy, University of Barcelona, 08028 Barcelona, Spain

<sup>b</sup>Instituto Universitario de Bio-Organica 'Antonio González', University of La Laguna, 38206-La Laguna, Tenerife, Spain

