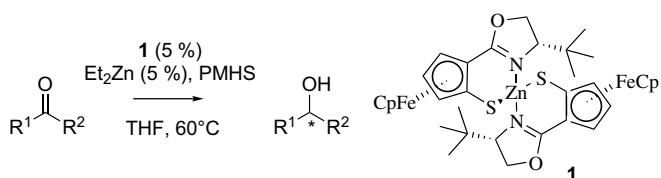


**Contents**
**COMMUNICATIONS**

**Application of N,S-chelating chiral ligands and zinc complexes in catalytic asymmetric hydroisylation using polymethylhydrosiloxane**

pp 1889–1891

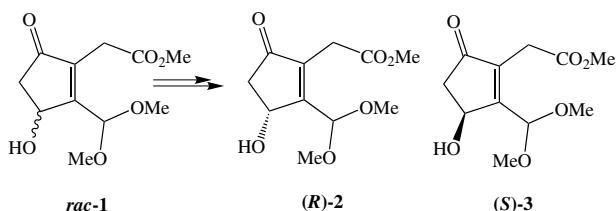
Stéphane Gérard, Yann Pressel and Olivier Riant\*



**Enzymatic kinetic resolution of a functionalized 4-hydroxy-cyclopentenone: synthesis of the key intermediates in the total synthesis of isoprostanes**

pp 1893–1895

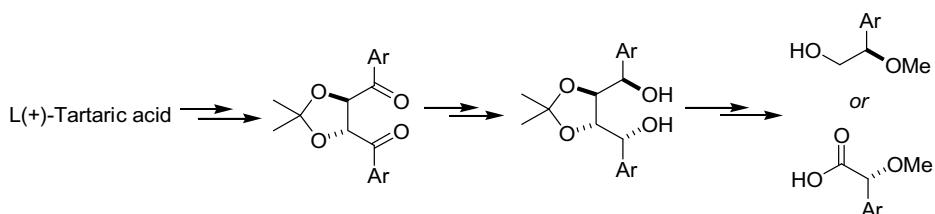
Edith Pinot, Alexandre Guy, Ann-Laure Guyon, Jean-Claude Rossi and Thierry Durand\*



**Asymmetric synthesis of  $\alpha$ -methoxyarylacetic acid derivatives**

pp 1897–1900

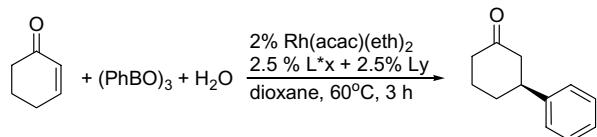
Kavirayani R. Prasad\* and Appayee Chandrakumar



**Improved catalytic asymmetric carbon–carbon bond formation using combinations of chiral and achiral monodentate ligands**

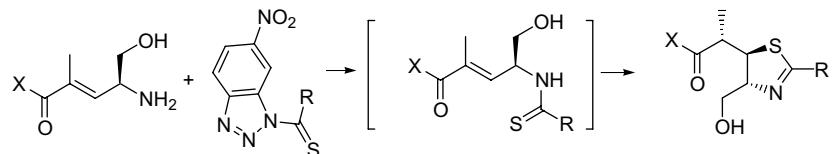
pp 1901–1904

Ate Duursma, Diego Peña, Adriaan J. Minnaard\* and Ben L. Feringa\*



**ARTICLES**

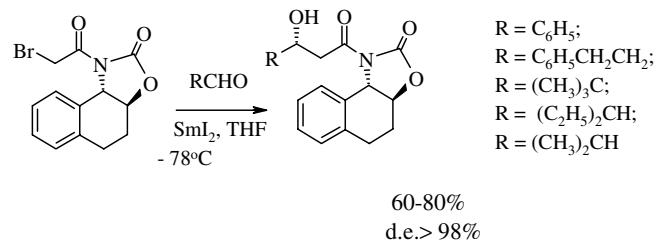
**Synthesis of 2,4,5-trisubstituted thiazoline via a novel stereoselective intramolecular conjugate addition** pp 1905–1912  
Zhengshuang Xu and Tao Ye\*



**(1*S*,2*S*)-1-Amino-2-hydroxy-1,2,3,4-tetrahydronaphthalene: a new chiral auxiliary for asymmetric Reformatsky reactions**

pp 1913–1918

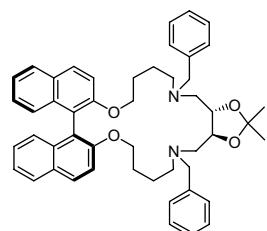
Fulvia Orsini,\* Guido Sello, Angelo Maria Manzo and Elvira Maria Lucci



**Fluorescence screening of tartaric acid-derived azamacrocycles synthesized via sequential hydroformylation/reductive amination as potential ligands for asymmetric catalysis**

pp 1919–1926

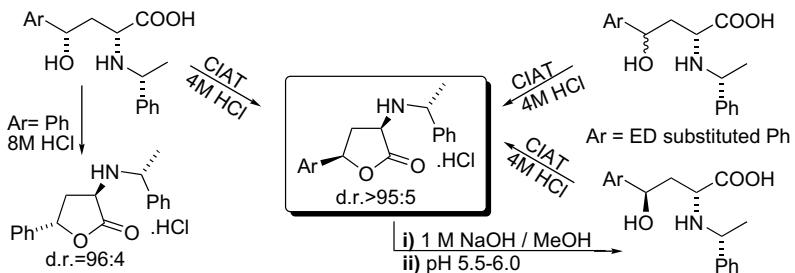
Goran Angelovski, Mark D. Keränen\* and Peter Eilbracht\*



**Crystallization-induced asymmetric transformations (CIAT): stereoconvergent acid-catalyzed lactonization of substituted 2-amino-4-aryl-4-hydroxybutanoic acids**

pp 1927–1934

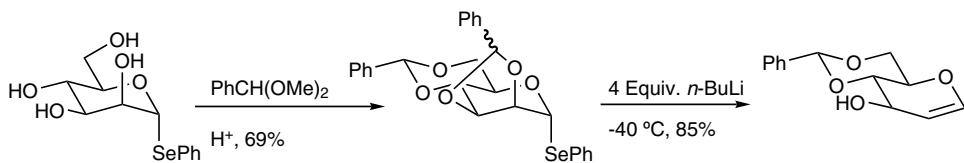
Dušan Berkeš,\* Andrej Kolarovič, Robert Manduch, Peter Baran and František Považanec



**A new entry to 4,6-O-benzylidene glucal from phenyl 1-seleno- $\alpha$ -D-mannopyranoside**

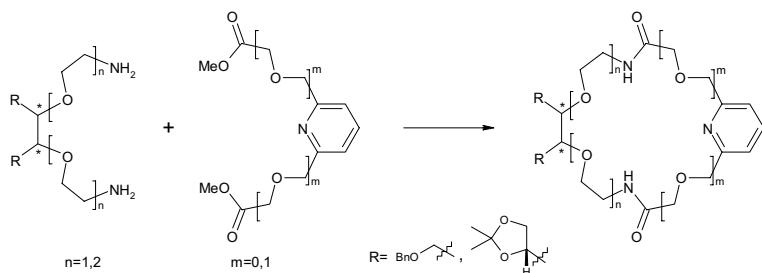
pp 1935–1937

Helen M. I. Osborn,\* Paul Meo and Rajdeep K. Nijjar



**Synthesis and determination of alkali metal binding selectivities of chiral macrocyclic bisamides derived from D-mannitol and L-threitol possessing 2,6-pyridinedicarboxamide subunits** pp 1939–1946

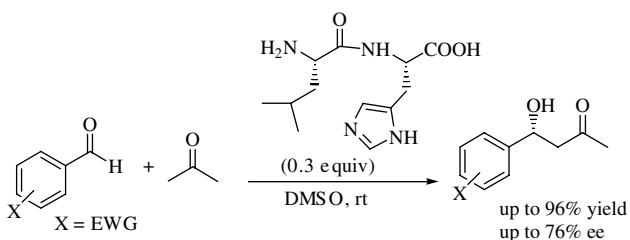
Mariusz M. Gruza, Arletta Pokrop and Janusz Jurczak\*



**(S)-Histidine-based dipeptides as organic catalysts for direct asymmetric aldol reactions**

pp 1947–1951

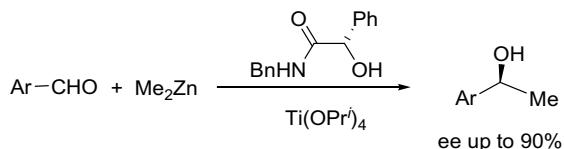
Svetlana B. Tsogoeva\* and Shengwei Wei



**Enantioselective addition of dimethylzinc to aldehydes catalyzed by *N*-substituted mandelamide-Ti(IV) complexes**

pp 1953–1958

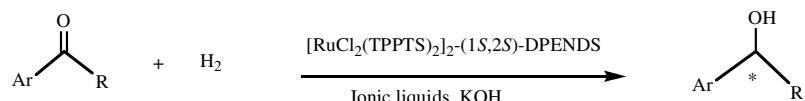
Gonzalo Blay, Isabel Fernández, Víctor Hernández-Olmos,  
Alícia Marco-Aleixandre and José R. Pedro\*



**Asymmetric hydrogenation of aromatic ketones in ionic-liquid media catalyzed by Ru-TPPTS-(1*S*,2*S*)-DPENDS complexes**

pp 1959–1962

Wei Xiong, Qi Lin, Hongxia Ma, Hongjie Zheng, Hua Chen and Xianjun Li\*

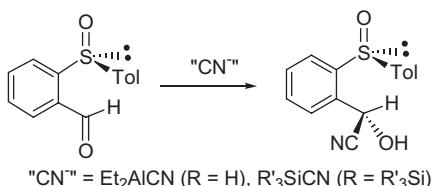


$\text{Ar} = \text{C}_6\text{H}_5, o\text{-FC}_6\text{H}_4, o\text{-ClC}_6\text{H}_4, o\text{-BrC}_6\text{H}_4, o\text{-CF}_3\text{C}_6\text{H}_4, o\text{-CH}_3\text{OC}_6\text{H}_4, p\text{-CF}_3\text{C}_6\text{H}_4, p\text{-CH}_3\text{OC}_6\text{H}_4, \text{R} = \text{CH}_3$   
 $\text{Ar} = \text{C}_6\text{H}_5, \text{R} = \text{C}_2\text{H}_5$

**Remote stereocontrol mediated by the sulfinyl group: hydrocyanation of 2-*p*-tolylsulfinyl benzaldehyde**

pp 1963–1968

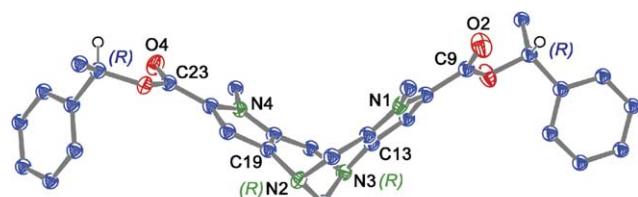
José Luis García Ruano,\* Ana M. Martín-Castro,\* Francisco Tato and Diego J. Cárdenas



**Preparation of the enantiomers of an *N*-methylpyrrole analogue of Tröger's base**

pp 1969–1974

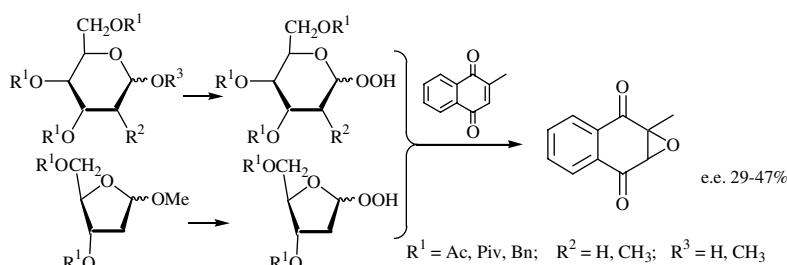
Martin Valík, Bohumil Dolenský, Eberhardt Herdtweck and Vladimír Král\*



New stable anomeric hydroperoxides derived from 2-deoxysugars; enantioselective epoxidation of 2-methyl-1,4-naphthoquinone

pp 1975–1981

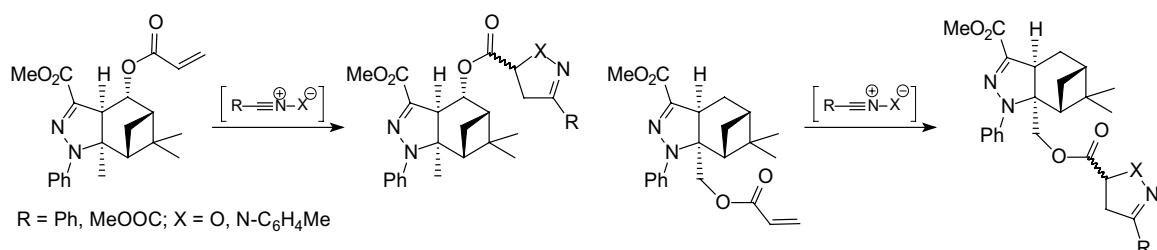
Wioletta Kośnik, Andrew V. Stachulski and Marek Chmielewski\*



A bicyclo[3.1.1]heptano[4,3-*c*]pyrazole derived chiral auxiliary for dipolar cycloadditions

pp 1983–1987

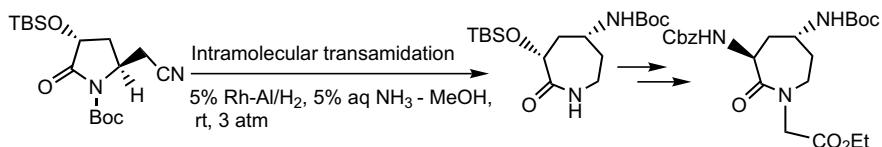
Giorgio Molteni\* and Paola Del Buttero



Synthesis of (3*S*,5*R*)-3,5-diaminoazepan-2-one as a conformationally restricted surrogate of the Dab-Gly dipeptide

pp 1989–1995

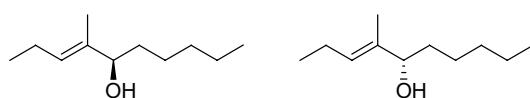
Ken-ichi Tanaka,\* Harumitsu Nemoto and Hiroyuki Sawanishi



Bio-catalysed synthesis of optically active Undecavertol® enantiomers

pp 1997–1999

Agnese Abate, Elisabetta Brenna\* and Ginevra Fregosi

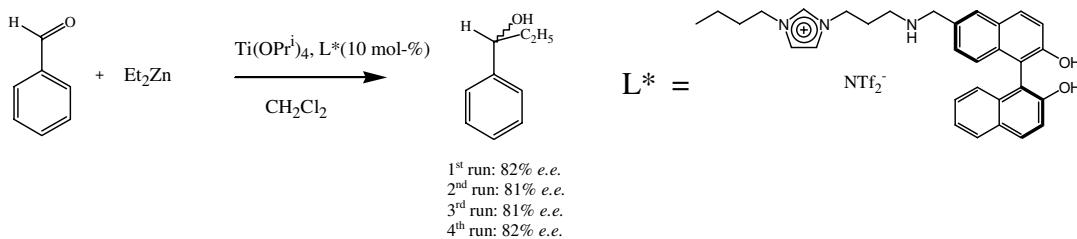


odour threshold = 0.31 ng/L air

odour threshold = 4.7 ng/L air

**Easily recoverable BINOL ligand with ionic tag for asymmetric catalysis**  
Benoît Gadenne, Peter Hesemann and Joël J. E. Moreau\*

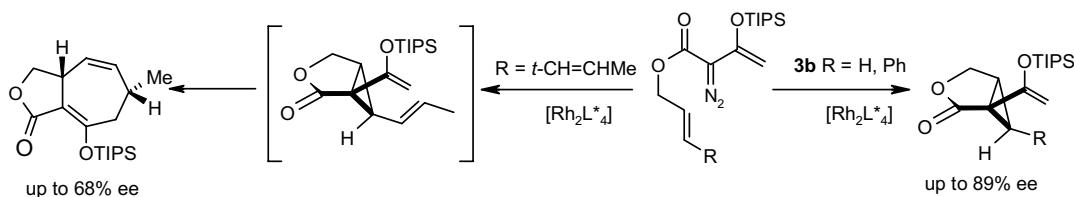
pp 2001–2006



**Enantioselective intramolecular cyclopropanation of allyl 2-diazo-3-silyloxybut-3-enotes**

pp 2007–2013

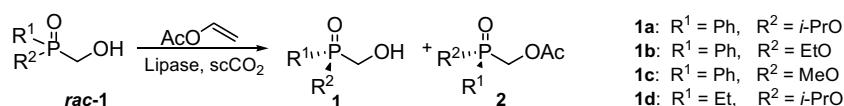
Paul Müller,\* Yves F. Allenbach and Stéfane Grass



**Supercritical carbon dioxide as a reaction medium for enzymatic kinetic resolution of P-chiral hydroxymethanephosphinates**

pp 2015–2018

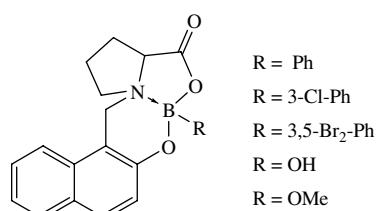
Małgorzata Albrycht, Piotr Kiełbasiński,\* Józef Drabowicz, Marian Mikołajczyk, Tomoko Matsuda,\* Tadao Harada and Kaoru Nakamura

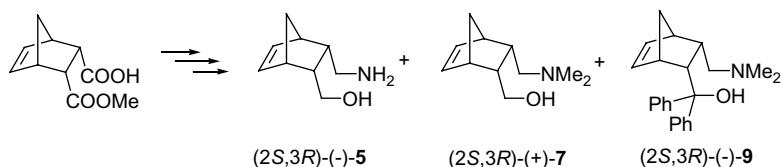
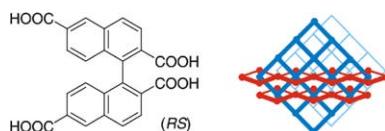
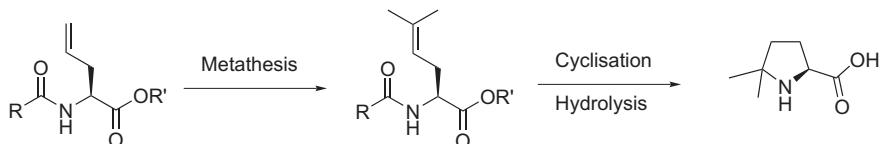


**Synthesis, structure, and stereochemistry of the bora derivatives of 1-[(2-hydroxy-1-naphthyl)methyl]proline**

pp 2019–2023

Barbara Gawdzik and Waldemar Iwanek\*





## OTHER CONTENTS

Corrigendum	p 2045
Stereochemistry abstracts	pp A385–A416
Instructions to contributors	pp I–IV
Cumulative author index	pp V–IX

\*Corresponding author



Full text of this journal is available, on-line from **ScienceDirect**. Visit [www.sciencedirect.com](http://www.sciencedirect.com) for more information.



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>

Indexed/Abstracted in: Beilstein, BIOSIS Previews, Chemical Abstracts, Current Contents: Physical, Chemical and Earth Sciences, Derwent Biotechnology Abstracts, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, PASCAL, Research Alert, Science Citation Index, SciSearch



ISSN 0957-4166