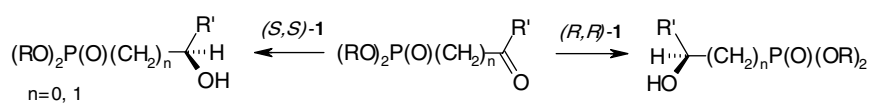


Tetrahedron: *Asymmetry* Vol. 17, No. 7, 2006

Contents

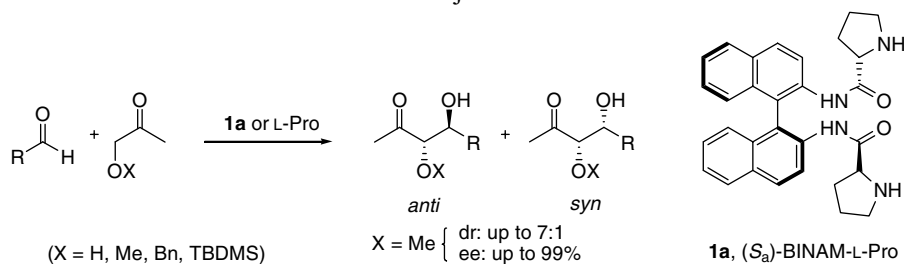
COMMUNICATIONS

New method for the asymmetric hydroboration of ketophosphonates and the synthesis of phospho-carnitine pp 1023–1026
Vitaly V. Nesterov and Oleg I. Kolodiazhnyi*



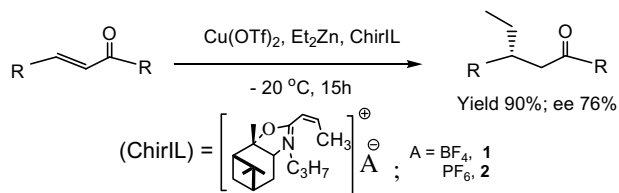
Organocatalyzed direct aldol condensation using L-proline and BINAM-prolinamides: regio-, diastereo-, and enantioselective controlled synthesis of 1,2-diols pp 1027–1031

Gabriela Guillena, María del Carmen Hita and Carmen Nájera*



Application of chiral ionic liquids in the copper catalyzed enantioselective 1,4-addition of diethylzinc to enones pp 1032–1035

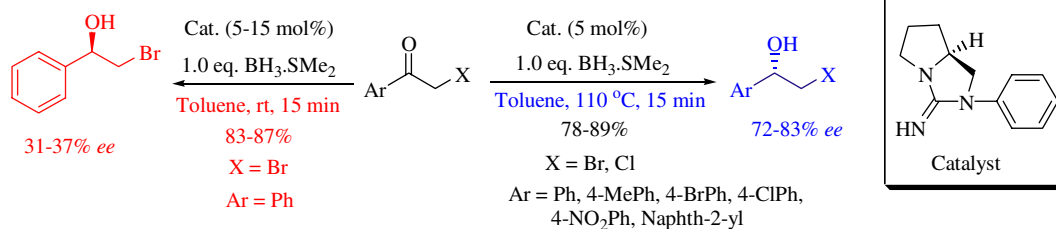
Sanjay V. Malhotra* and Yun Wang



(5S)-1,3-Diaza-2-imino-3-phenylbicyclo[3.3.0]octane: first example of guanidine based in situ recyclable chiral catalytic source for borane-mediated asymmetric reduction of prochiral ketones

pp 1036–1040

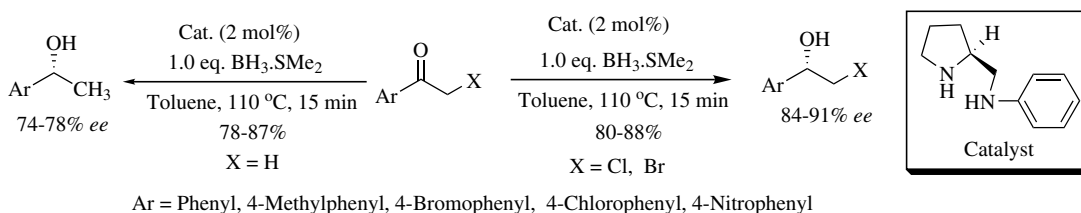
Deevi Basavaiah,* Kalapala Venkateswara Rao and Bhavanam Sekhara Reddy



(2S)-2-Anilinomethylpyrrolidine: an efficient in situ recyclable chiral catalytic source for the borane-mediated asymmetric reduction of prochiral ketones in refluxing toluene

pp 1041–1044

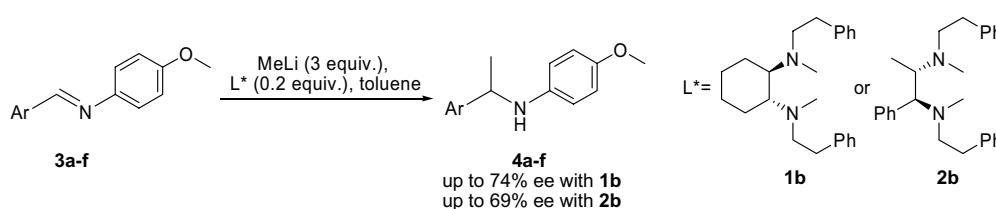
Deevi Basavaiah,* Kalapala Venkateswara Rao and Bhavanam Sekhara Reddy



A new pseudo C_2 -symmetric tertiary diamine for the enantioselective addition of MeLi to aromatic imines

pp 1045–1047

Ségolène Gille, Noemi Cabello, Jean-Claude Kizirian and Alexandre Alexakis*



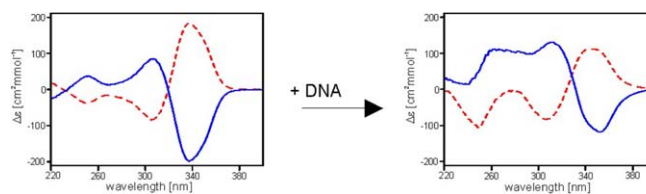
New tertiary pseudo C_2 -symmetric 1,2-diamine **2b** was synthesized and compared to **1b** in the enantioselective addition of MeLi to imines **3a-f**. Comparable selectivity and better reactivity were observed with this novel diamine.

ARTICLES

Interaction of chiral bis-distamycin derivatives with DNAs: electronic circular dichroism study

pp 1049–1055

Lukáš Palivec, Martin Valík, Vladimír Král and Marie Urbanová*

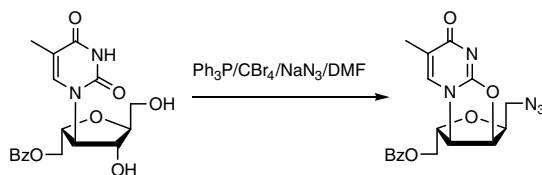


(4*R*,9*R*)- and (4*S*,9*S*)-enantiomers of bis-distamycin derivatives linked by Trögers base scaffold show mirror opposite ECD spectra. After addition of DNA the new diastereomeric complexes providing different asymmetrical ECD are formed.

One-step synthesis of novel tricyclic isomeric azidonucleosides

pp 1056–1061

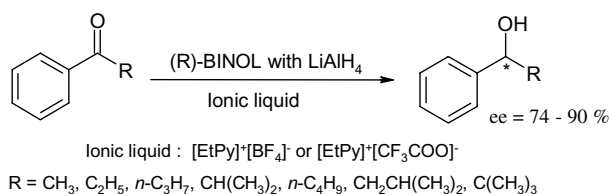
Zong-Sheng Li, Ren-Ping Qiao, Zhen-Jun Yang, Liang-Ren Zhang and Li-He Zhang*



Asymmetric reduction of aromatic ketones in pyridinium-based ionic liquids

pp 1062–1065

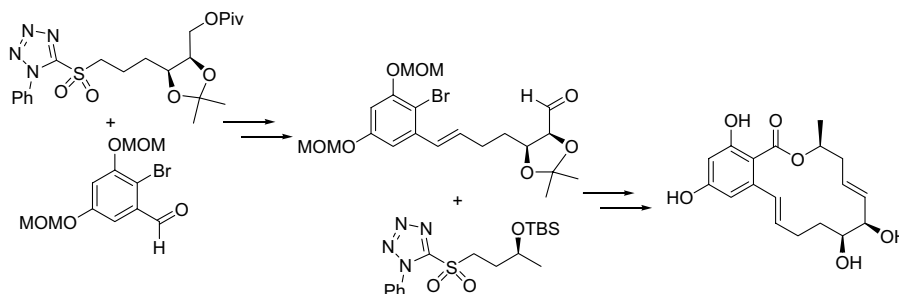
Ying Xiao and Sanjay V. Malhotra*



Enantioselective total synthesis of aigialomycin D

pp 1066–1073

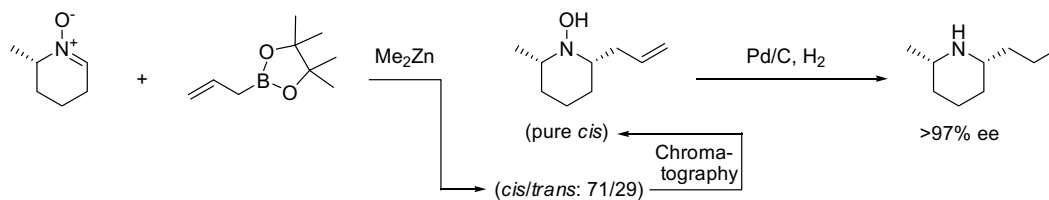
Jiangping Lu, Junying Ma, Xingang Xie, Bo Chen, Xuegong She* and Xinfu Pan*

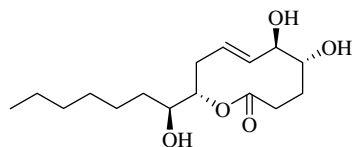


Synthesis of (+)- and (-)-dihydropinidine by diastereoselective dimethylzinc promoted allylation of 2-methyltetrahydropyridine-N-oxide with an allylboronic ester

pp 1074–1080

Carina Eriksson,* Kristina Sjödin, Fredrik Schlyter and Hans-Erik Högberg

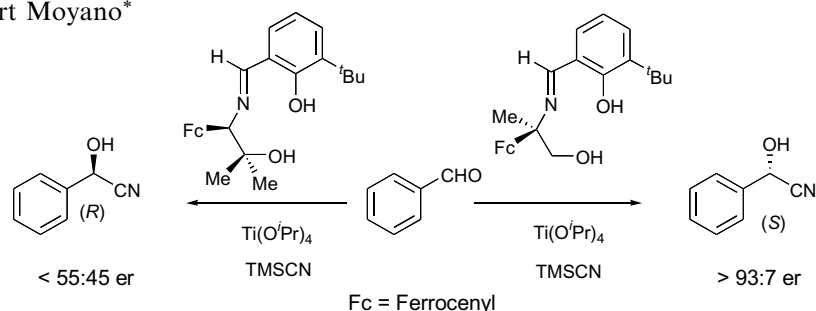




Salicylaldehyde Schiff bases derived from 2-ferrocenyl-2-amino alcohols. Part 1: New chiral ligands for the titanium-catalyzed enantioselective cyanation of aldehydes

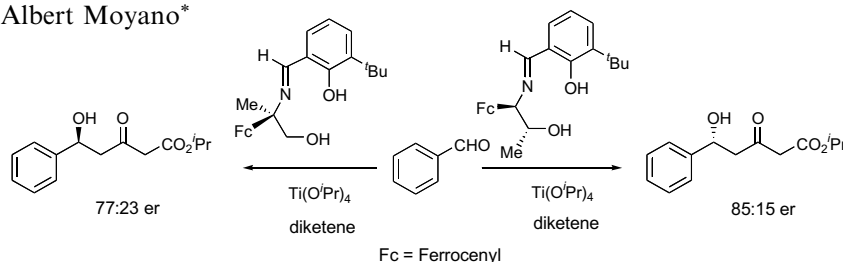
Rosa M^a Moreno, Malgorzata Rosol and Albert Moyano*

Chiral Schiff base–alkoxytitanium complexes derived from salicylaldehydes and from a set of diversely substituted (*S*)-2-amino-2-ferrocenylethanols have been prepared and tested as catalysts for the asymmetric addition of trimethylsilyl cyanide to aldehydes.



Salicylaldehyde Schiff bases derived from 2-ferrocenyl-2-amino alcohols. Part 2: Stereochemical divergence in the titanium-promoted enantioselective diketene addition to benzaldehyde

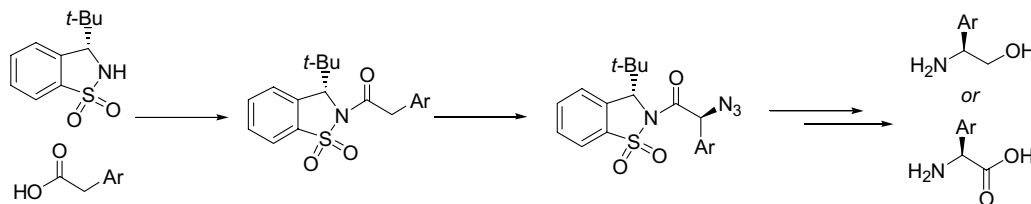
Rosa M^a Moreno and Albert Moyano*



Chiral Schiff base ligands derived from salicylaldehydes and from a set of diversely substituted (*S*)-2-amino-2-ferrocenylethanols show an unprecedented stereodivergence in the titanium-promoted asymmetric addition of diketene to benzaldehyde.

An efficient synthesis of enantiomerically pure unnatural aryl glycinols and aryl glycines

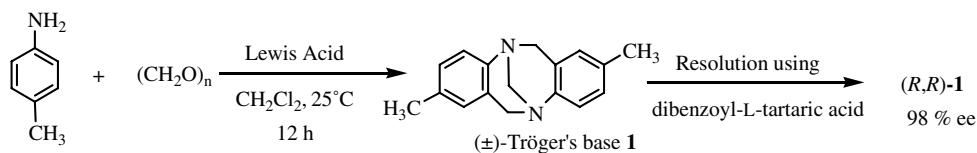
Hui-Young Ku, Junyang Jung, Soo-Hyun Kim, Hee Yeon Kim, Kyo Han Ahn* and Sung-Gon Kim*



A convenient method for the synthesis and resolution of Tröger base

pp 1116–1119

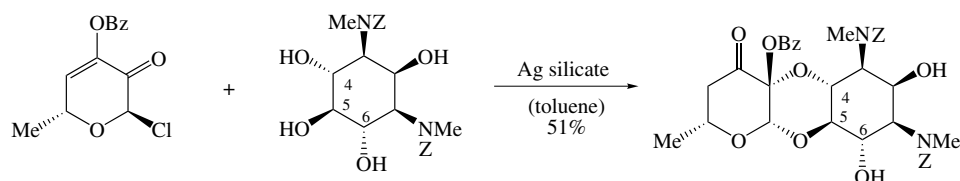
Sakilam Satishkumar and Mariappan Periasamy*



A concise, stereocontrolled synthesis of spectinomycin

pp 1120–1124

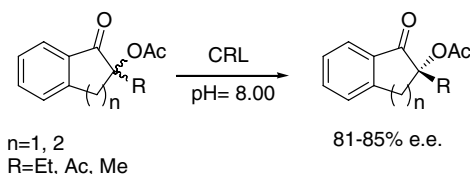
Eckehard Cuny and Frieder W. Lichtenthaler*



The first enzymatic resolution of quaternary α -acetoxy α -substituted cyclic ketones

pp 1125–1128

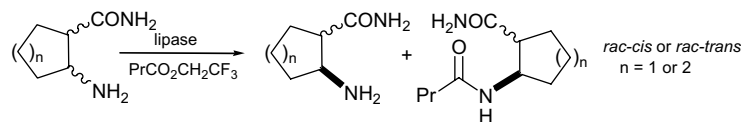
Cihangir Tanyeli,* İdris M. Akhmedov and Çiğdem İyigün



Lipase-catalyzed kinetic resolution of 2-aminocyclopentane- and 2-aminocyclohexanecarboxamides

pp 1129–1134

Mónika Fitz, Katri Lundell, Ferenc Fülöp and Liisa T. Kanerva*

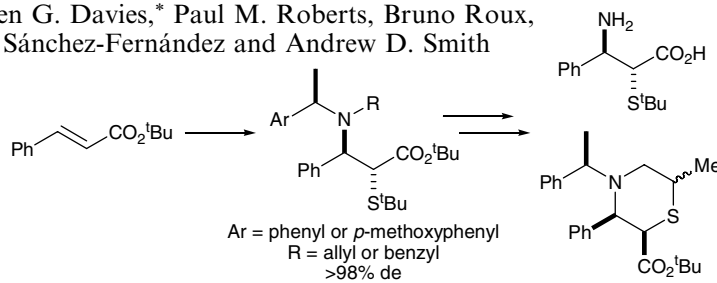


Alicyclic β -aminoamides were resolved through lipase-catalyzed asymmetric *N*-acylation at the 2*R* stereocentre.

Asymmetric synthesis of α -mercapto- β -amino acid derivatives: application to the synthesis of polysubstituted thiomorpholines

pp 1135–1145

José I. Candela-Lena, Stephen G. Davies,* Paul M. Roberts, Bruno Roux, Angela J. Russell, Elena M. Sánchez-Fernández and Andrew D. Smith

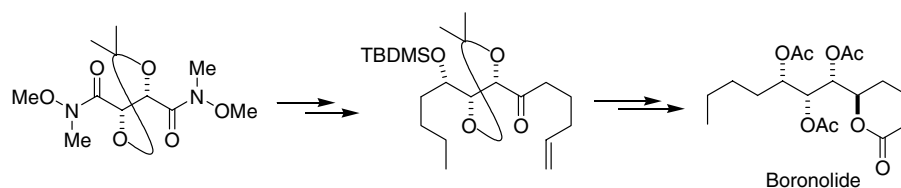


Tandem conjugate addition of a homochiral lithium amide to *tert*-butyl cinnamate and quenching with TsS^tBu gives access to homochiral *anti*- α -mercapto- β -amino acid and polysubstituted thiomorpholine derivatives.

Stereoselective synthesis of (+)-boronolide and (–)-5-*epi*-boronolide

pp 1146–1151

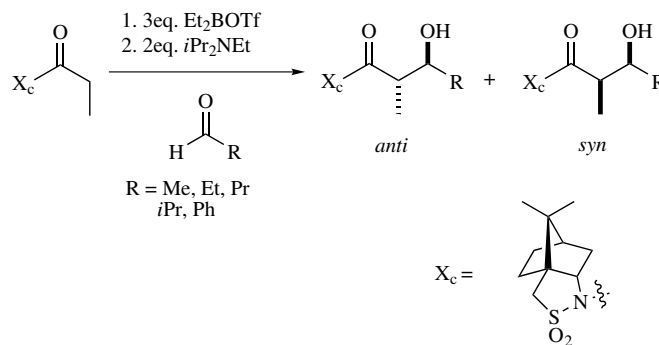
Kavirayani R. Prasad* and Pazhamalai Anbarasan



Diethylboron triflate-promoted *anti* aldol additions of Oppolzer's sultam

pp 1152–1155

Benjamin H. Fraser, Danny M. Gelman, Patrick Perlmutter* and Filisaty Vounatsos



OTHER CONTENTS

Stereochemistry abstracts
Instructions to contributors
Cumulative author index

pp A211–A245
pp I–IV
pp V–VII

*Corresponding author



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