

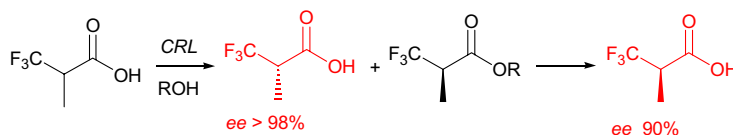
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COMMUNICATIONS

Lipase mediated preparation of the enantiomers of 3,3,3-trifluoro-2-methylpropanoic acid

pp 2447–2449

Petr Beier, Alexandra M. Z. Slawin and David O'Hagan*



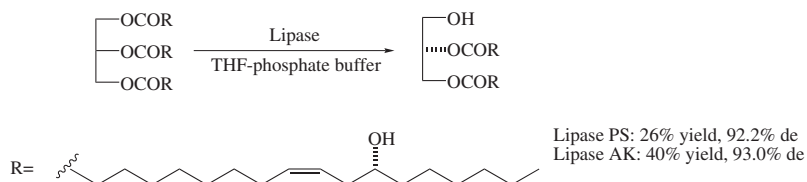
CRL= lipase from *Candida rugosa*; R=-(CH₂)₉CH₃

Both enantiomers of 3,3,3-trifluoro-2-methylpropanoic acid were prepared by a lipase mediated kinetic resolution of the racemate.

Stereodivergent synthesis of (2*R*)-2,3-diricinolein by lipase-catalyzed hydrolysis of triricinolein

pp 2451–2454

Iwao Hachiya, Akihisa Makino, Makoto Shimizu,* Masatsugu Akita and Takashi Hamaguchi

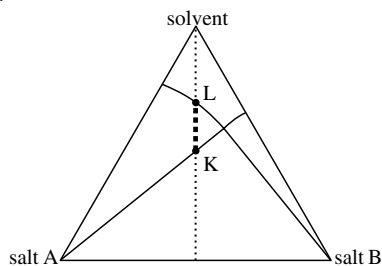


ARTICLES

Diastereomeric resolution rationalized by phase diagrams under the actual conditions of the experimental process

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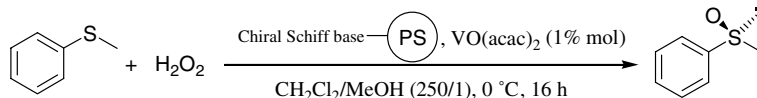
Pierric Marchand, Loïc Lefèbvre, Florian Querniard, Pascal Cardinaël, Guy Perez, Jean-Jacques Counieux and Gérard Coquerel*



Enantioselective sulfoxidation catalyzed by polymer-supported chiral Schiff base-VO(acac)₂ complexes

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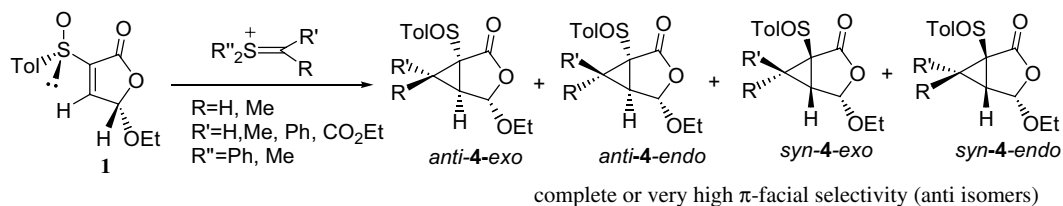
Alessandro Barbarini, Raimondo Maggi, Michele Muratori, Giovanni Sartori* and Raffaella Sartorio



Asymmetric cyclopropanation of (5*S*,5*S*)-3-*p*-tolylsulfinyl-5-ethoxyfuran-2(5*H*)-one with sulfonium ylides: influence of the sulfur ylide substituents on stereoselectivity

pp 2475–2482

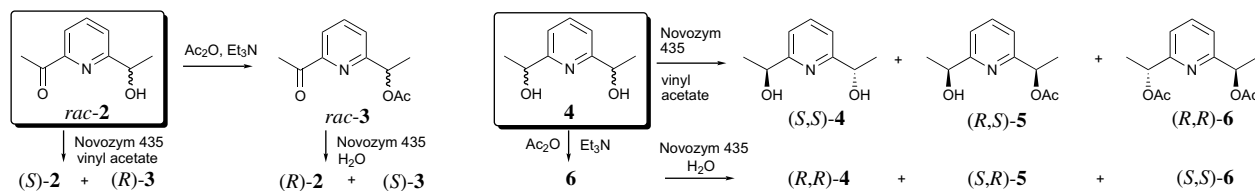
Jose Luis García Ruano,* Cristina Fajardo, M. Rosario Martín, Wanda Midura and Marian Mikołajczyk*



Chemoenzymatic preparation of all the stereoisomers of 2-(1-hydroxyethyl)- and 2,6-bis(1-hydroxyethyl)pyridines and their acetates

pp 2483–2490

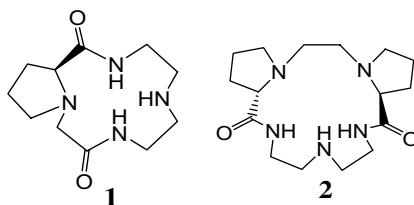
Gábor Szatzker, Ildikó Móczár, Pál Kolonits, Lajos Novák, Péter Huszthy* and László Poppe*



Novel rigid chiral macrocyclic dioxopolyamines derived from L-proline as chiral solvating agents for carboxylic acids

pp 2491–2497

Xuemei Yang, Xiaojun Wu, Maohai Fang, Quan Yuan and Enqin Fu*

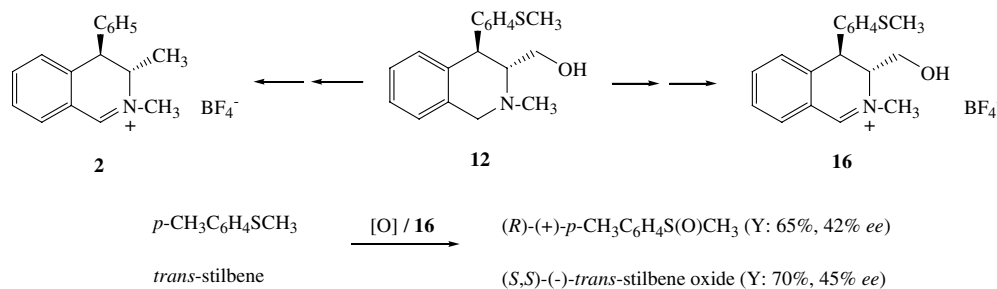


Two novel L-proline derived rigid chiral macrocyclic dioxopolyamines were studied using ¹H NMR spectroscopy for applications as chiral solvating agents for carboxylic acids. They exhibited good chiral recognition toward the enantiomers of racemic carboxylic acids.

Transformation of (+)-thiomcamine into chiral non-racemic 3,4-dihydroisoquinolinium salts: application for catalytic asymmetric epoxidation of alkenes and oxidation of sulfides

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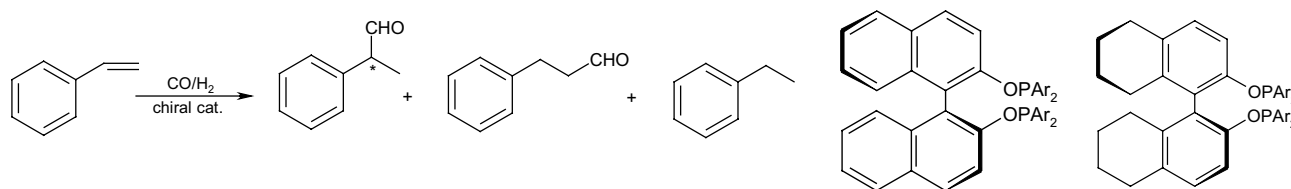
Agata Głuszyńska, Iwona Maćkowska, Maria D. Rozwadowska* and Wiesława Sienniak



Electronic and steric effects of ligands as control elements for rhodium-catalyzed asymmetric hydroformylation. Part 3: Highly active hydroformylation of styrene

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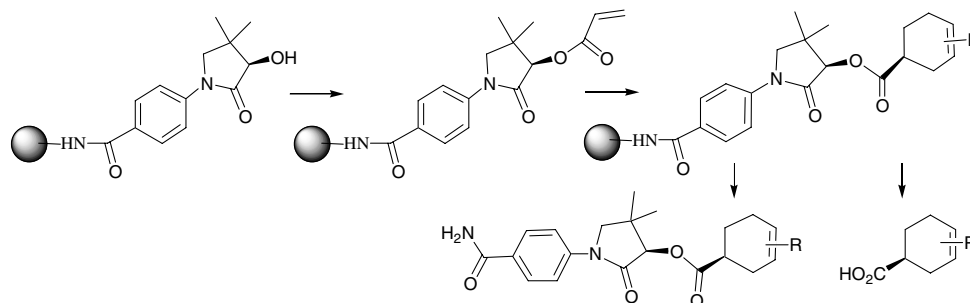
Csaba Hegedüs, József Madarász, Ildikó Gergely, Áron Szöllősy, Axel Monsees, Thomas Riermeier and József Bakos*



(R)- or (S)-4-(3-hydroxy-4,4-dimethyl-2-oxopyrrolidin-1-yl)benzoic acid as a new chiral auxiliary for solid phase asymmetric Diels–Alder reactions

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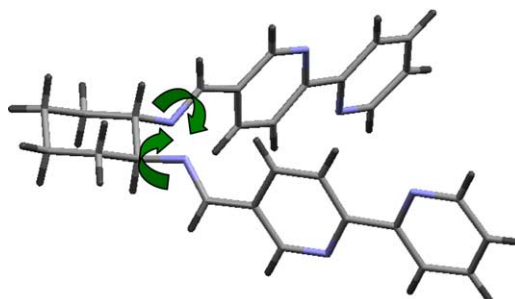
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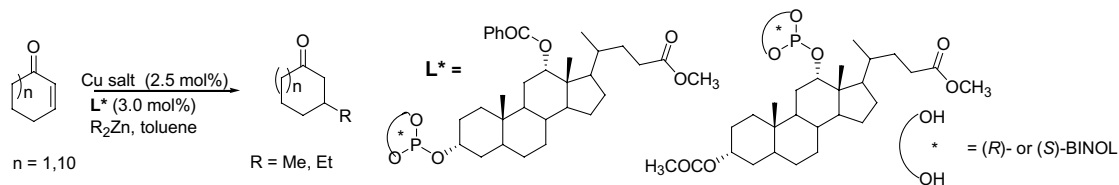
Ravi Prabakaran, Roma E. Oakes, Nicholas C. Fletcher* and Mark Nieuwenhuyzen



Deoxycholic acid-based phosphites as chiral ligands in the enantioselective conjugate addition of dialkylzincs to cyclic enones: preparation of (-)-(R)-muscone

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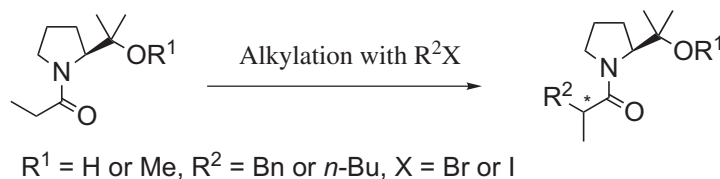
Anna Iuliano,* Patrizia Scafato* and Rita Torchia



Highly stereoselective alkylation of (S)-proline-based chiral auxiliaries

pp 2539–2545

Fredrik Andersson and Erik Hedenström*

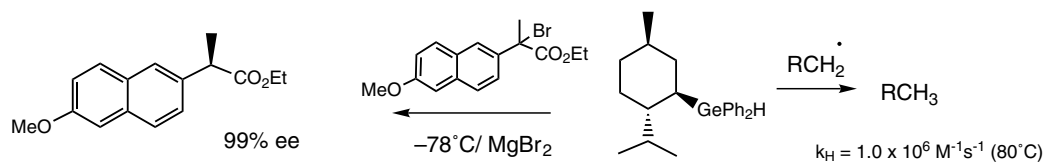


Alkylation reactions with switching diastereoselectivity depending on the R^1 group, resulting in a dr of up to 99:1.

Synthesis, characterization and enantioselective free radical reductions of (1R,2S,5R)-menthylidiphenylgermane and its enantiomer

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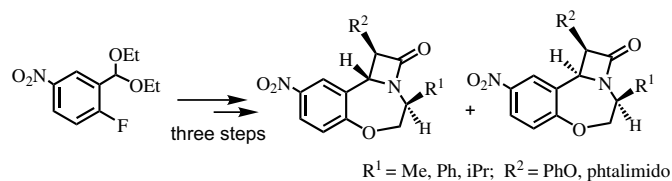
Le Zeng, Dainis Dakternieks, Andrew Duthie, V. Tamara Perchyonok and Carl H. Schiesser*

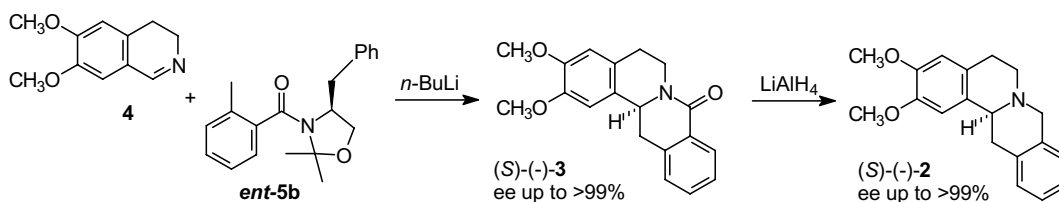


The [2 + 2] Staudinger cycloadditive route to enantiopure azetidino[4,1-d][1,4]benzooxazepines

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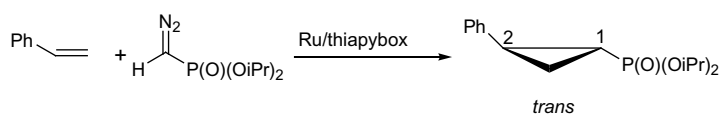
Paola Del Buttero,* Giorgio Molteni, Antonio Papagni and Luciano Miozzo





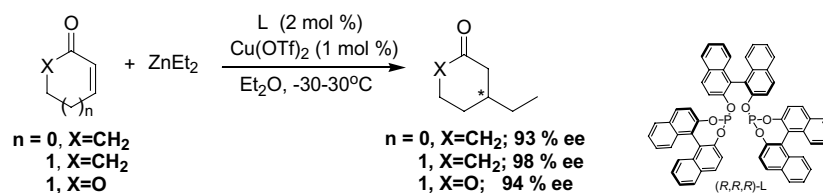
Application of chiral 2,6-bis(thiazoliny)pyridines in asymmetric Ru-catalyzed cyclopropanations with diazoesters

Paul Le Maux, Isabelle Abrunhosa, Mathieu Berchel, Gérard Simonneaux,*
Mihaela Gulea and Serge Masson*



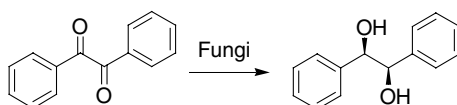
Highly enantioselective copper-catalyzed 1,4-conjugate addition of diethylzinc to cyclic enones and α,β -unsaturated lactones

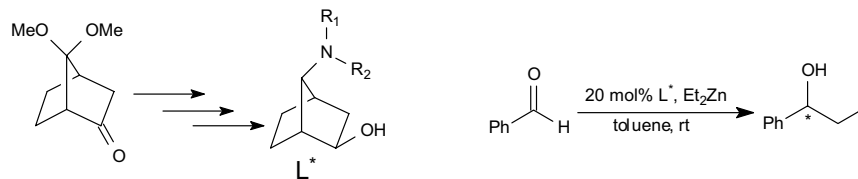
Liang Liang, Ming Yan, Yue-Ming Li and Albert S. C. Chan*



Fungi mediated conversion of benzil to benzoin and hydrobenzoin

Ayhan S. Demir,* Haluk Hamamci, Peruze Ayhan, A. Nese Duygu,
A. Cigdem İgdir and Doga Capanoglu





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*Corresponding author



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