

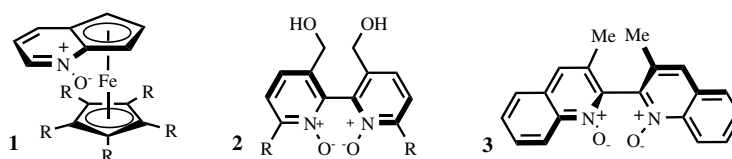
Contents

REPORT

Chiral pyridine *N*-oxides: useful ligands for asymmetric catalysis

pp 1373–1389

Giorgio Chelucci,* Gabriele Murineddu and Gerard A. Pinna



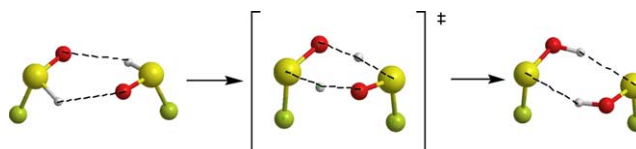
The synthesis and applications in asymmetric catalysis of chiral pyridine *N*-oxide derivatives such as 1–3, is reviewed.

COMMUNICATION

Chiral discrimination and isomerization processes in monomers, dimers and trimers of sulfoxides and thioperoxides

pp 1391–1399

Ibon Alkorta,* Oscar Picazo and José Elguero

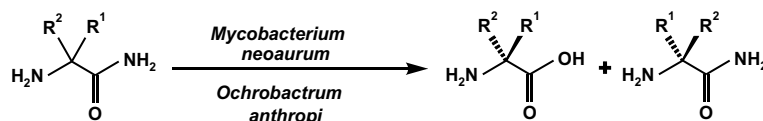


ARTICLES

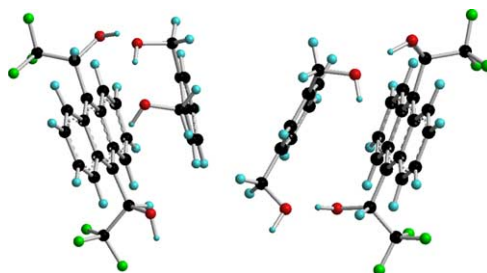
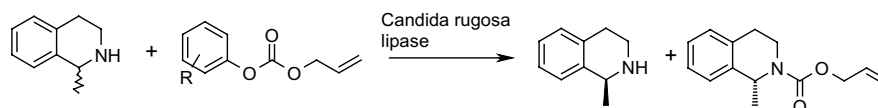
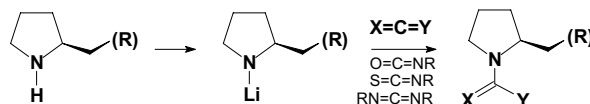
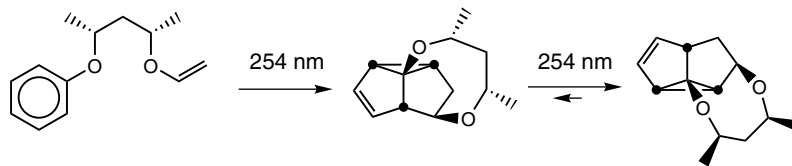
Enzymatic resolution of C $^{\alpha}$ -fluoroalkyl substituted amino acids

pp 1401–1407

Beate Koksch,* Peter J. L. M. Quaedflieg, Thomas Michel, Klaus Burger, Quirinus B. Broxterman and Hans E. Schoemaker



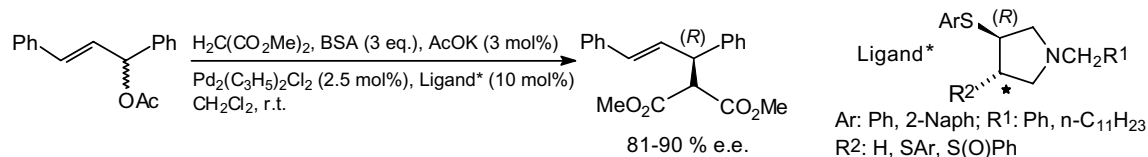
A methodology for the enzymatic resolution of sterically constrained, C $^{\alpha}$ -fluoroalkyl substituted amino acids has been developed. R¹ or R²: fluoroalkyl substituent.



Chiral pyrrolidine thioethers: effective nitrogen–sulfur donating ligands in palladium-catalyzed asymmetric allylic alkylations

pp 1437–1444

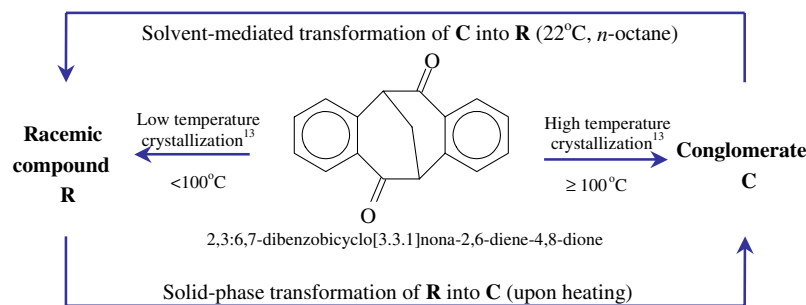
Renata Siedlecka, Elżbieta Wojaczyńska and Jacek Skarzewski*



Solid-phase racemic compound–conglomerate transformation of 2,3:6,7-dibenzobicyclo[3.3.1]nona-2,6-diene-4,8-dione

pp 1445–1450

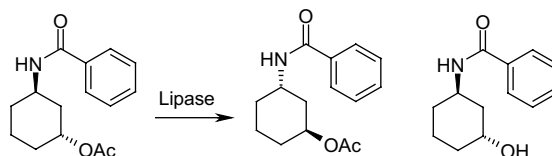
Pavel A. Levkin, Eberhard Schweda, Heinz-Jürgen Kolb, Volker Schurig* and Remir G. Kostyanovsky*



Resolution of *trans*-3-aminocyclohexanol

pp 1451–1455

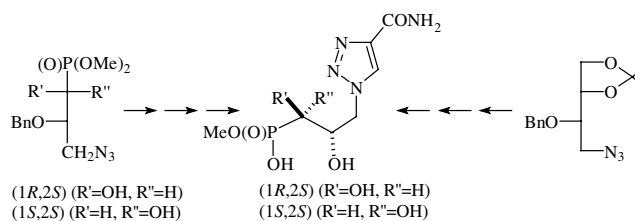
Patrick Bernardelli, Michael Bladon, Edwige Lorthiois, Ajith C. Manage,* Fabrice Vergne and Roger Wrigglesworth



Synthesis of (1*R*,2*S*)- and (1*S*,2*S*)-3-(4-carbamoyl-1,2,3-triazol-1-yl)-1,2-dihydroxypropylphosphonates

pp 1457–1464

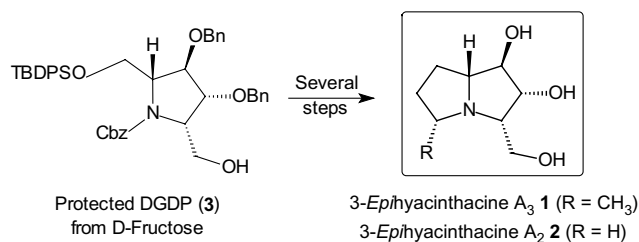
Andrzej E. Wróblewski* and Iwona E. Głowacka



Polyhydroxylated pyrrolizidines. Part 4: Total asymmetric synthesis of unnatural hyacinthacines from a protected derivative of DGDP

pp 1465–1469

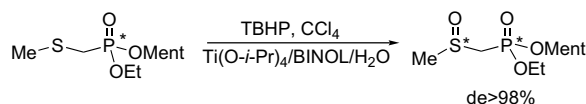
Isidoro Izquierdo,* María T. Plaza and Francisco Franco



A convenient route to the phosphorus and sulfur stereoisomers of ethyl menthyl (methylsulfinyl)methylphosphonate

pp 1471–1476

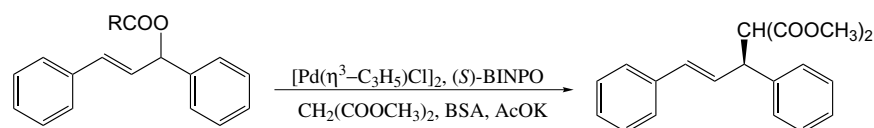
Cosimo Cardellicchio, Francesco Naso* and Maria Annunziata M. Capozzi



Asymmetric allylic alkylation catalyzed by Pd(II)-complexes with (S)-BINPO, a hemilabile axially chiral P,O-heterodonor inducer

pp 1477–1485

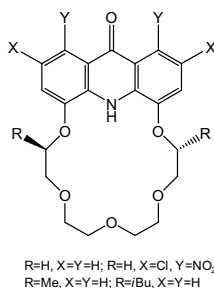
Serafino Gladiali,* Rossana Taras, Rosa M. Ceder, Mercè Rocamora, Guillermo Muller,* Xavier Solans and Mercè Font-Bardia



Synthesis and selective lead(II) binding of achiral and enantiomerically pure chiral acridono-18-crown-6 ether type ligands

pp 1487–1493

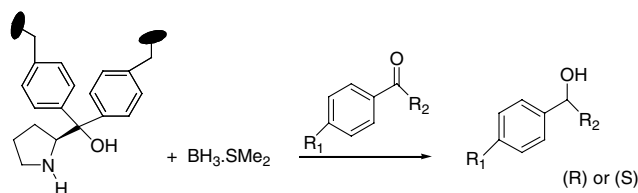
Luca Szalay, Viktor Farkas, Elemér Vass, Miklós Hollósi,* Ildikó Móczár, Áron Pintér and Péter Huszthy



Highly catalytic enantioselective reduction of aromatic ketones using chiral polymer-supported Corey, Bakshi, and Shibata catalysts

pp 1495–1499

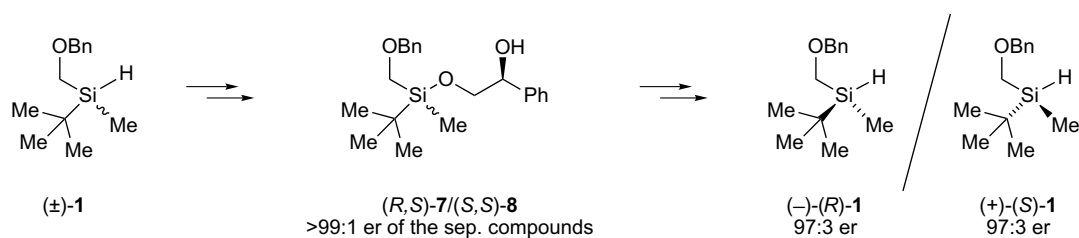
Sylvestre Degni,* Carl-Eric Wilén and Ari Rosling



Preparation of a ‘Si-centered’ chiral auxiliary by resolution

pp 1501–1505

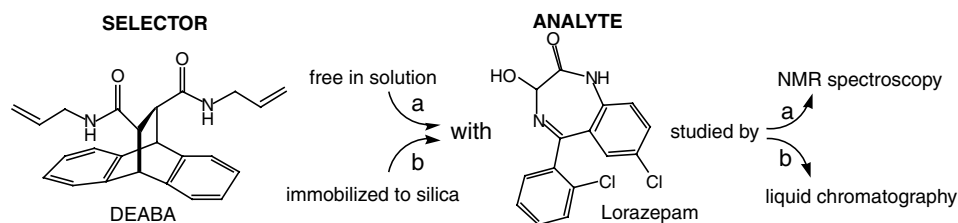
Michael Trzoss, Jie Shao and Stefan Bienz*



Selector enantioselectivity derived from chromatographic and NMR data

pp 1507–1511

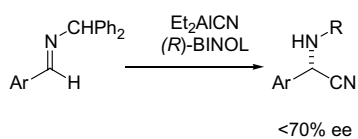
Linda Thunberg and Stig Allenmark*



A new approach to enantioselective cyanation of imines with Et_2AlCN

pp 1513–1516

Shuichi Nakamura, Naoki Sato, Masashige Sugimoto and Takeshi Toru*



α -D-Manp-(1→2)- α -D-Manp-(1→6)-[D-Galp-(1→3)]- α -D-Manp-(1→2)-[β -D-Galp-(1→3)]- α -D-Manp-(1→2)- α -D-Manp-(1→2)- α -D-Manp-(1→6)- α -D-Manp-(1→2)-[β -D-Galp-(1→3)]- α -D-Manp-1→OAll

OTHER CONTENTS

Stereochemistry abstracts	pp A265–A286
Tetrahedron: <i>Asymmetry</i> reports	pp I–II
Instructions to contributors	pp III–VI
Cumulative author index	pp VII–X

*Corresponding author



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CONTENTS
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ISSN 0957-4166